

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015099.D
 Acq On : 05 Mar 2020 10:18
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:37 PM

Quant Time: Mar 06 03:36:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	371592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	547395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	506291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	220766	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	179185	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	683920	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.13	95	242139	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	62637	19.250	ug/l	98
3) Chloromethane	1.32	50	88280	19.153	ug/l	97
4) Vinyl Chloride	1.40	62	85260	18.242	ug/l	99
5) Bromomethane	1.64	94	58450	20.342	ug/l	100
6) Chloroethane	1.72	64	52990	18.900	ug/l	99
7) Trichlorofluoromethane	1.93	101	108348	19.483	ug/l	97
8) Diethyl Ether	2.18	74	51251	20.347	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70416	20.125	ug/l	99
10) Methyl Iodide	2.50	142	72820	18.421	ug/l	99
11) Tert butyl alcohol	3.04	59	76117	99.517	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69447	19.232	ug/l	98
13) Acrolein	2.28	56	56691	78.870	ug/l	97
14) Allyl chloride	2.72	41	117624	18.681	ug/l	97
15) Acrylonitrile	3.13	53	181620	95.347	ug/l	100
16) Acetone	2.44	43	172769	96.771	ug/l	99
17) Carbon Disulfide	2.56	76	180620	18.011	ug/l	99
18) Methyl Acetate	2.77	43	78645	18.015	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	222756	19.741	ug/l	100
20) Methylene Chloride	2.85	84	77005	18.430	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	72373	18.770	ug/l	97
22) Diisopropyl ether	3.84	45	246486	19.649	ug/l	92
23) Vinyl Acetate	3.80	43	1019728	98.890	ug/l	99
24) 1,1-Dichloroethane	3.69	63	129724	18.632	ug/l	99
25) 2-Butanone	4.65	43	254934	97.536	ug/l	95
26) 2,2-Dichloropropane	4.57	77	102886	18.615	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	83089	19.208	ug/l	99
28) Bromochloromethane	5.00	49	62877	19.833	ug/l	98
29) Tetrahydrofuran	5.11	42	156335	92.789	ug/l	100
30) Chloroform	5.20	83	129384	19.067	ug/l	98
31) Cyclohexane	5.57	56	117628	18.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	110394	19.625	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98921	19.548	ug/l	99
37) Ethyl Acetate	4.81	43	98959	21.082	ug/l	99
38) Carbon Tetrachloride	5.77	117	93545	19.584	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:37 PM

Quant Time: Mar 06 03:36:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	119753	20.266	ug/l	98
40) Benzene	6.13	78	296608	19.756	ug/l	98
41) Methacrylonitrile	5.03	41	57302	20.323	ug/l	94
42) 1,2-Dichloroethane	6.18	62	108403	21.025	ug/l	97
43) Isopropyl Acetate	6.43	43	165046	19.987	ug/l	99
44) Trichloroethene	7.20	130	82284	19.680	ug/l	95
45) 1,2-Dichloropropane	7.50	63	76398	19.659	ug/l	95
46) Dibromomethane	7.65	93	50477	19.934	ug/l	98
47) Bromodichloromethane	7.89	83	101990	20.368	ug/l	98
48) Methyl methacrylate	7.76	41	79664	18.954	ug/l	96
49) 1,4-Dioxane	7.75	88	33597	369.718	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	498253	102.049	ug/l	100
52) Toluene	8.78	92	187021	20.373	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	109873	20.615	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122396	20.314	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	77322	20.464	ug/l	98
56) Ethyl methacrylate	9.17	69	110694	20.539	ug/l	98
57) 1,3-Dichloropropane	9.36	76	129684	20.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	284427	96.875	ug/l	100
59) 2-Hexanone	9.48	43	369177	102.015	ug/l	100
60) Dibromochloromethane	9.57	129	80260	20.221	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80178	20.203	ug/l	99
64) Tetrachloroethene	9.33	164	87709	20.953	ug/l	100
65) Chlorobenzene	10.13	112	200285	19.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	74276	19.379	ug/l	98
67) Ethyl Benzene	10.25	91	352069	20.398	ug/l	98
68) m/p-Xylenes	10.35	106	266726	40.616	ug/l	97
69) o-Xylene	10.69	106	126610	20.137	ug/l	100
70) Styrene	10.71	104	217180	20.146	ug/l	100
71) Bromoform	10.85	173	58318	19.621	ug/l #	99
73) Isopropylbenzene	11.01	105	343398	19.979	ug/l	100
74) N-amyl acetate	10.89	43	139601	19.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	107600	18.785	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92816m	17.294	ug/l	
77) Bromobenzene	11.25	156	93019	19.419	ug/l	98
78) n-propylbenzene	11.35	91	397807	20.258	ug/l	100
79) 2-Chlorotoluene	11.42	91	234901	20.031	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	286357	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33419	17.672	ug/l	93
82) 4-Chlorotoluene	11.51	91	275039	19.852	ug/l	100
83) tert-Butylbenzene	11.76	119	272529	19.698	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	293004	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	337866	20.230	ug/l	99
86) p-Isopropyltoluene	12.06	119	312538	20.312	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	165154	19.613	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	165530	19.040	ug/l	99
89) n-Butylbenzene	12.39	91	272220	19.891	ug/l	99
90) Hexachloroethane	12.59	117	54107	18.600	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	161060	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22212	19.365	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

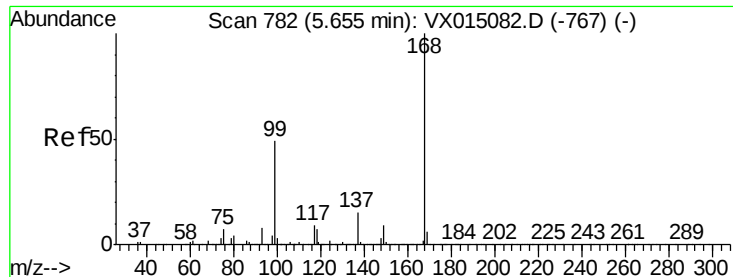
Manual Integrations
APPROVED

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3/6/2020 4:49:37 PM

Quant Time: Mar 06 03:36:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114433	19.692	ug/l	99
94) Hexachlorobutadiene	13.78	225	58449	19.600	ug/l	98
95) Naphthalene	13.83	128	319403	18.845	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118311	20.405	ug/l	99

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



#1

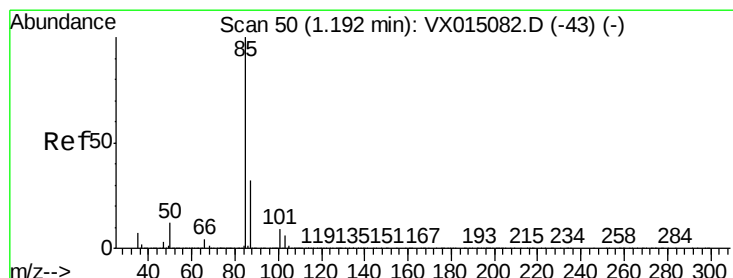
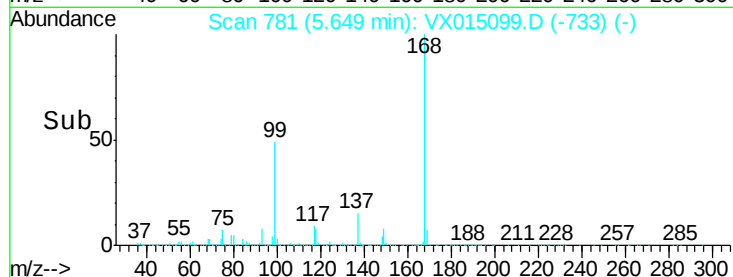
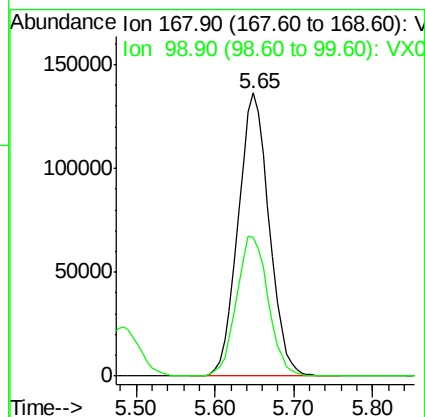
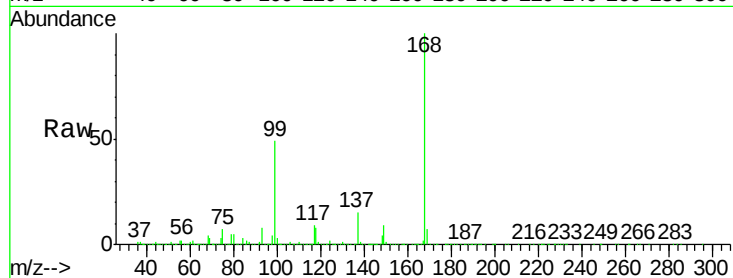
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.4	59.2

Manual Integrations
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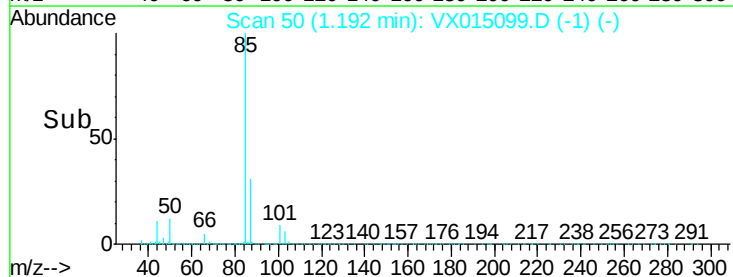
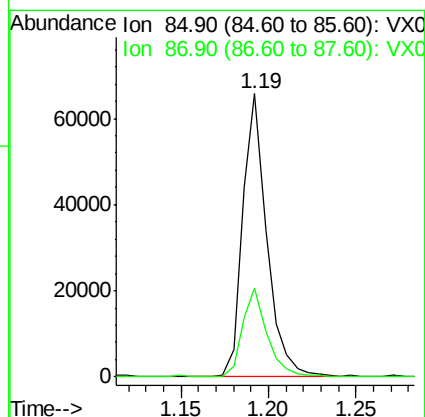
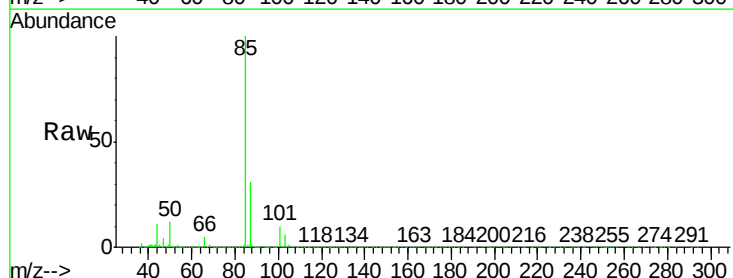
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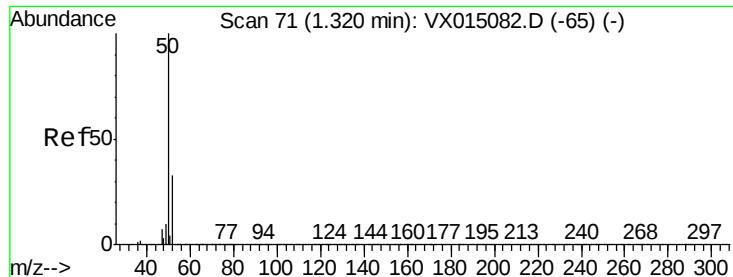


#2

Dichlorodifluoromethane
 Concen: 19.250 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5





#3

Chloromethane

Concen: 19.153 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 50 Resp: 88280

Ion Ratio Lower Upper

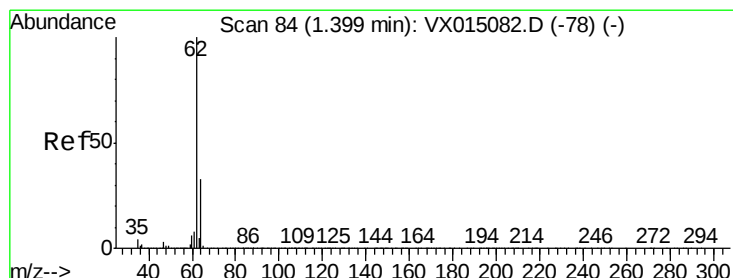
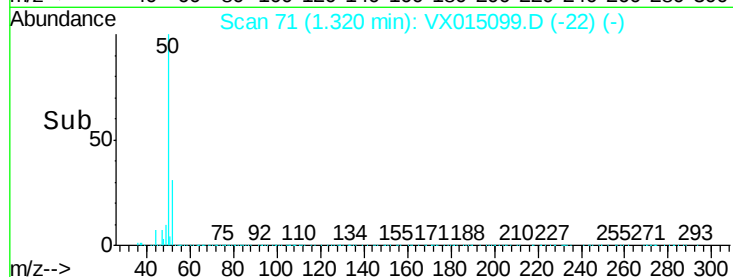
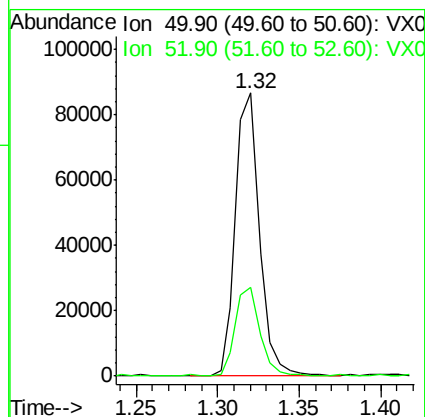
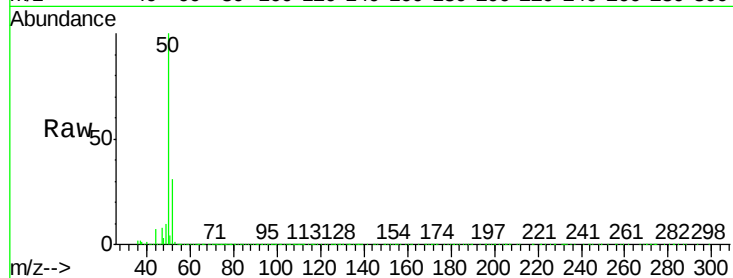
50 100

52 30.8 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.242 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015099.D

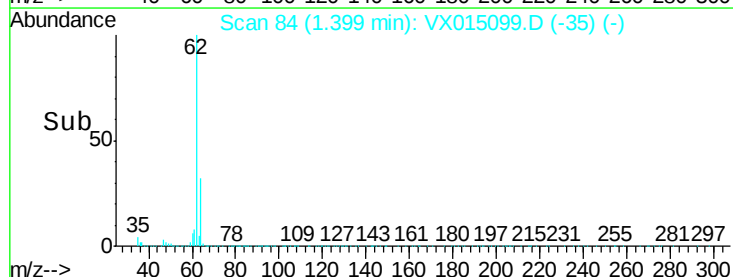
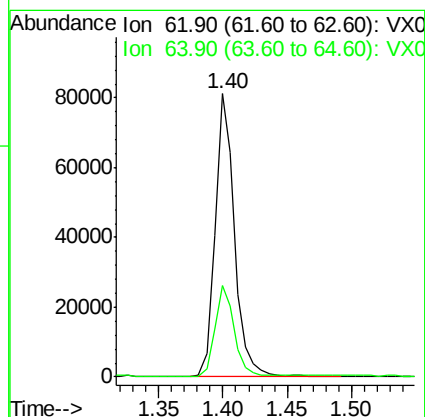
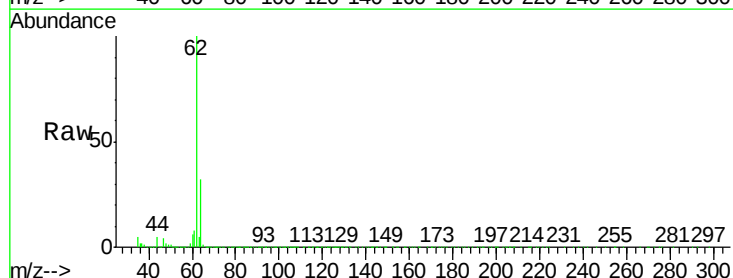
Acq: 05 Mar 2020 10:18

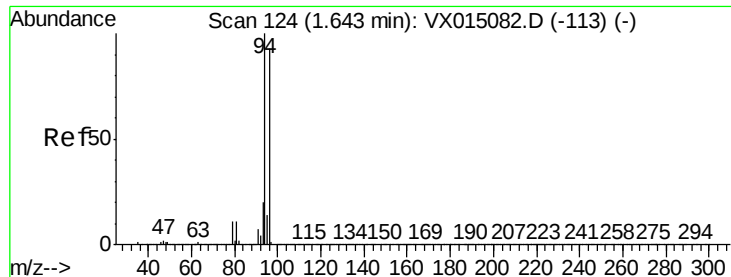
Tgt Ion: 62 Resp: 85260

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1





#5

Bromomethane

Concen: 20.342 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 94 Resp: 58450

Ion Ratio Lower Upper

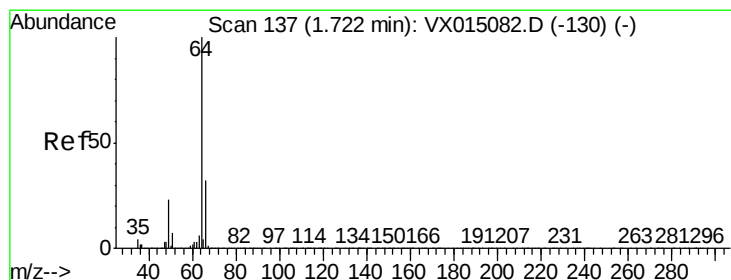
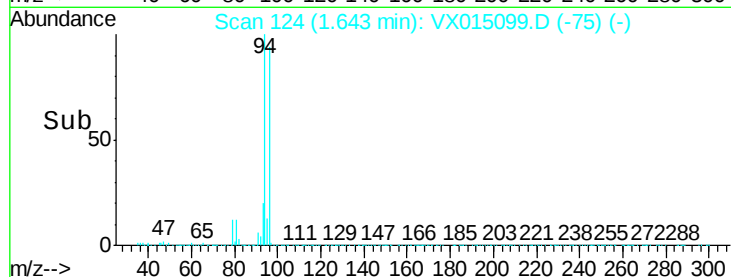
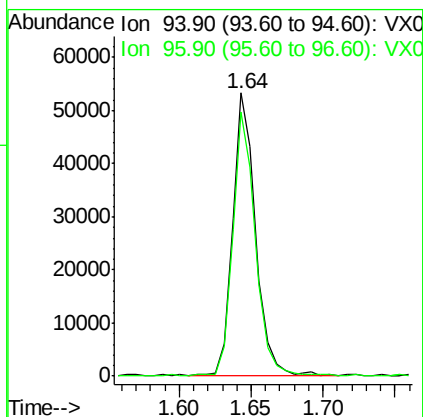
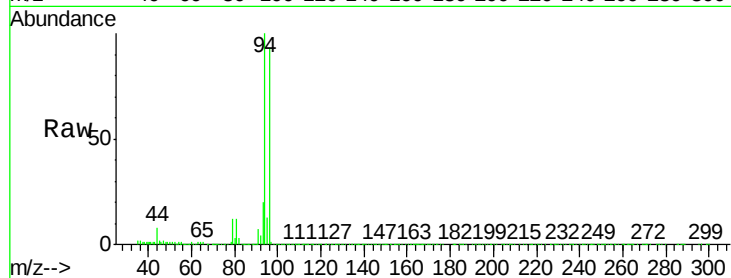
94 100

96 93.5 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 18.900 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015099.D

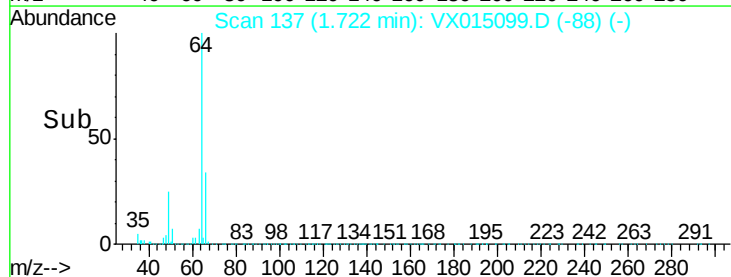
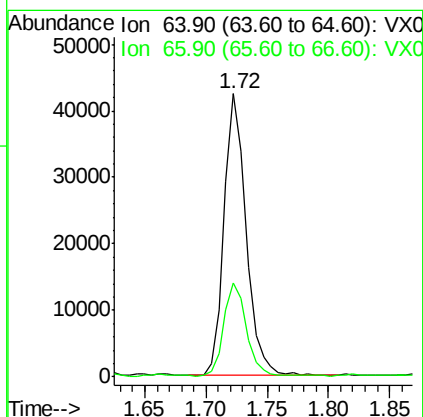
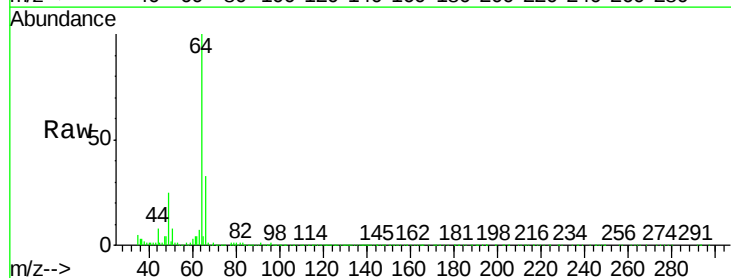
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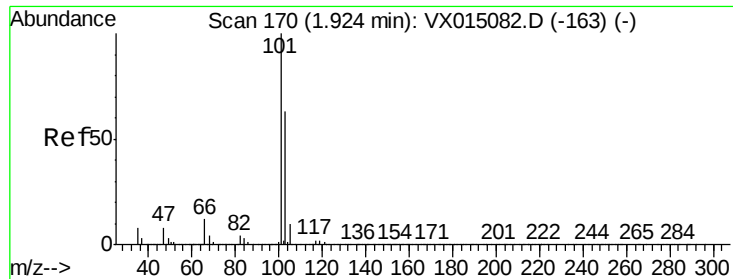
Tgt Ion: 64 Resp: 52990

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8





#7

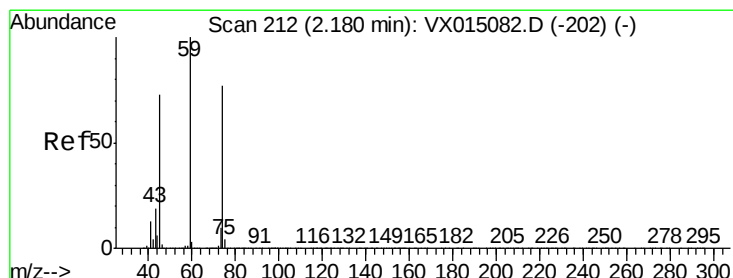
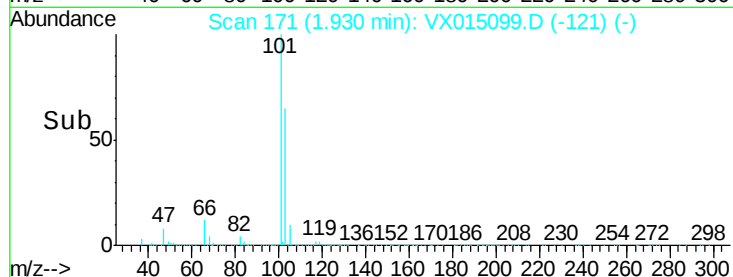
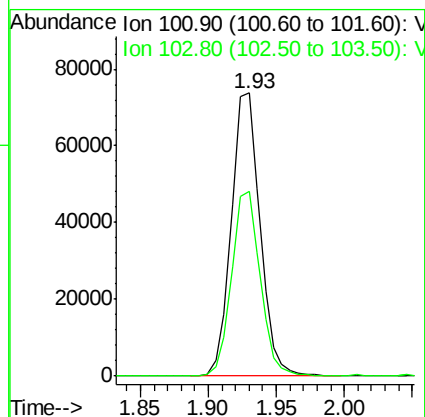
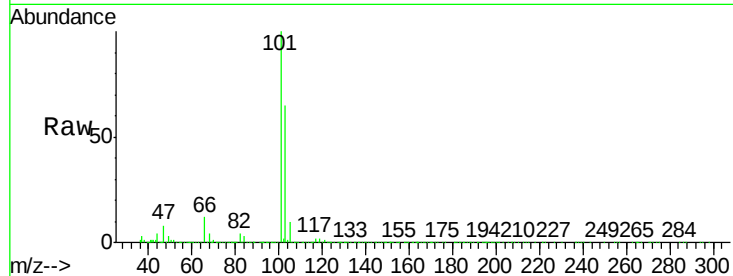
Trichlorofluoromethane
Concen: 19.483 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.4	75.6

Manual Integrations
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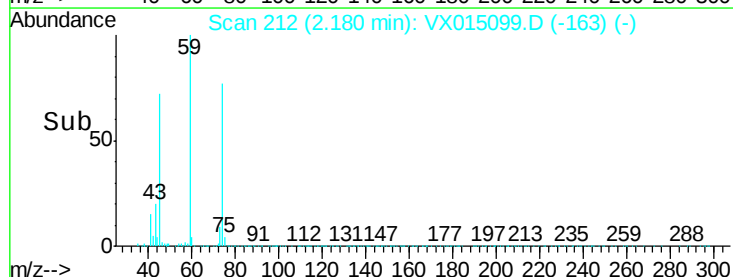
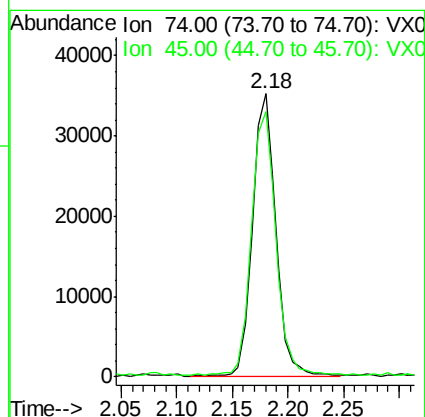
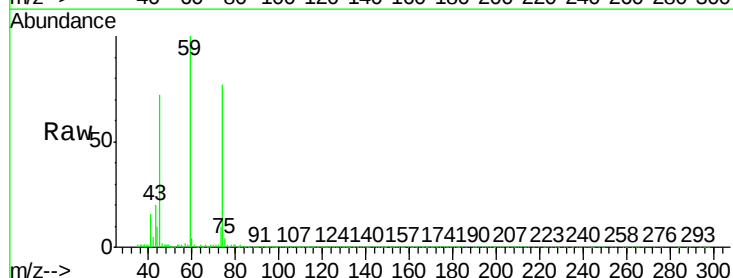
MMDadoda
3/6/2020 4:49:37 PM

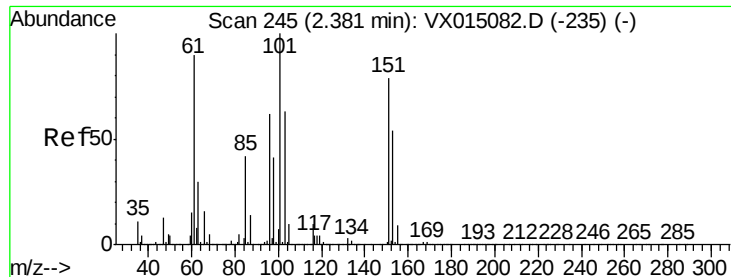


#8

Diethyl Ether
Concen: 20.347 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.125 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

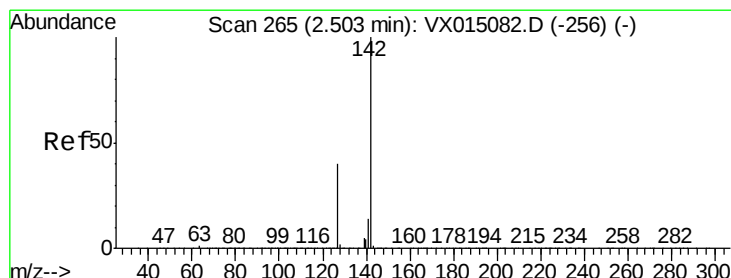
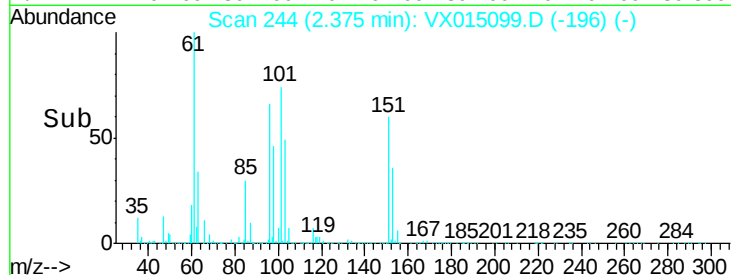
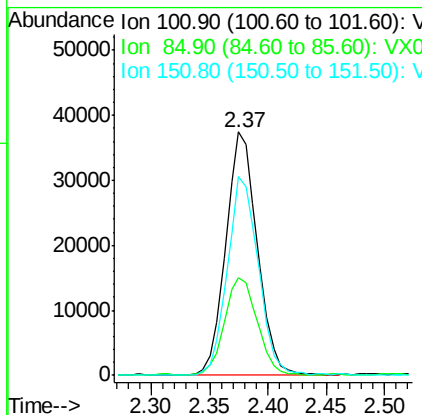
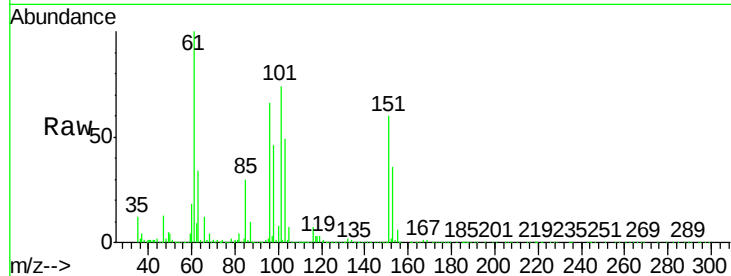
ClientSampleId :

VX0305WBSD01

Tot Ion:	101	Resp:	70416
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.7	50.5
151	80.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 18.421 ug/l

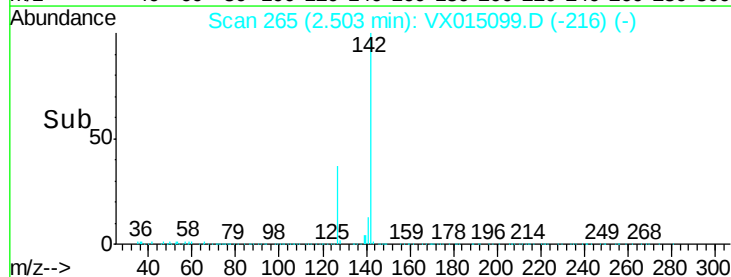
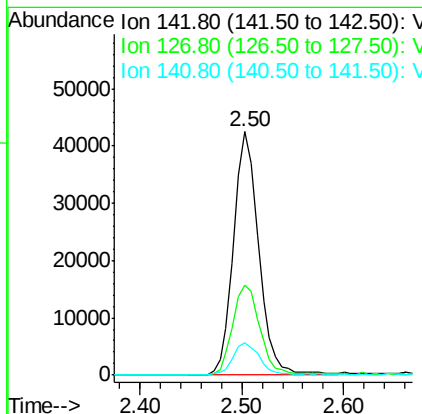
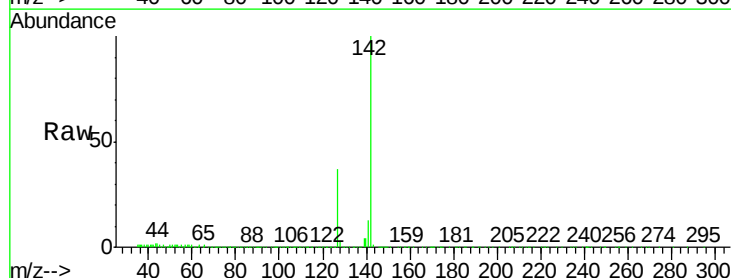
RT: 2.50 min Scan# 265

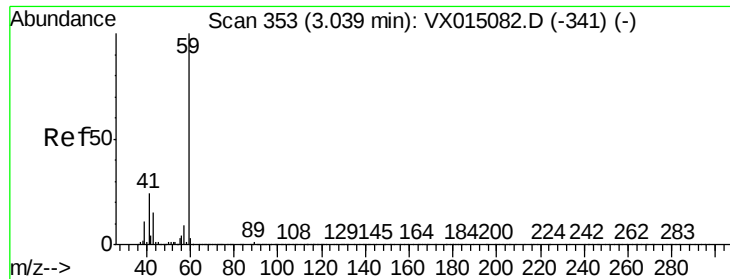
Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	142	Resp:	72820
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.7	47.5
141	14.3	11.3	16.9





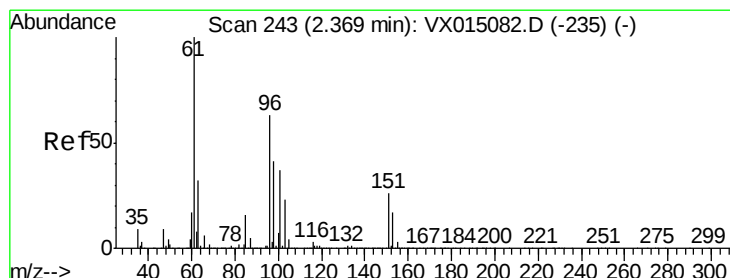
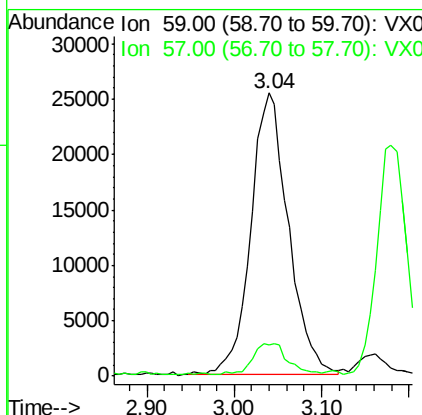
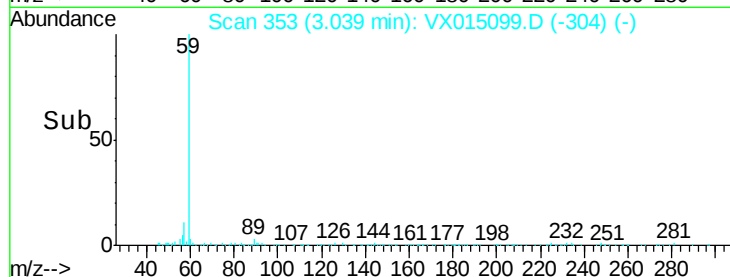
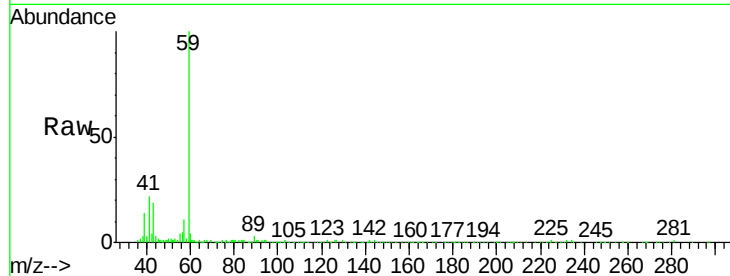
#11
Tert butyl alcohol
Concen: 99.517 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 59 Resp: 76117
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

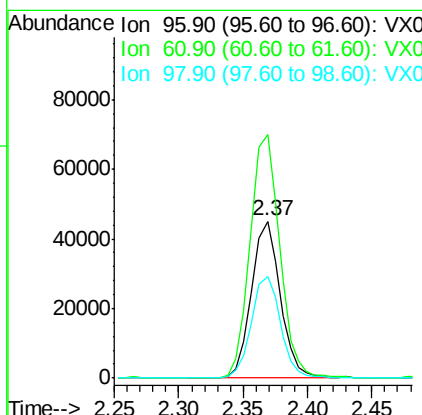
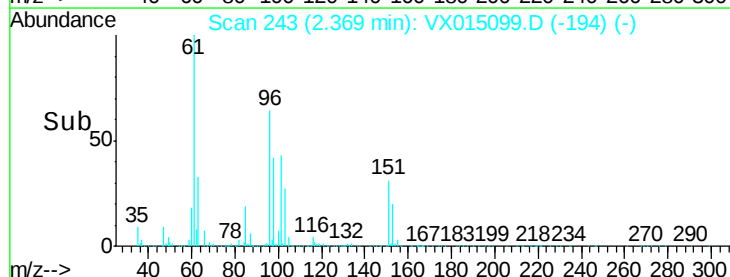
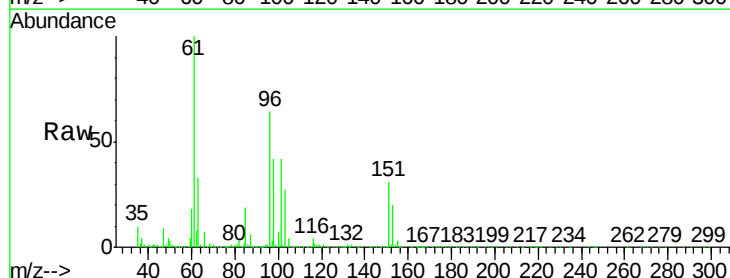
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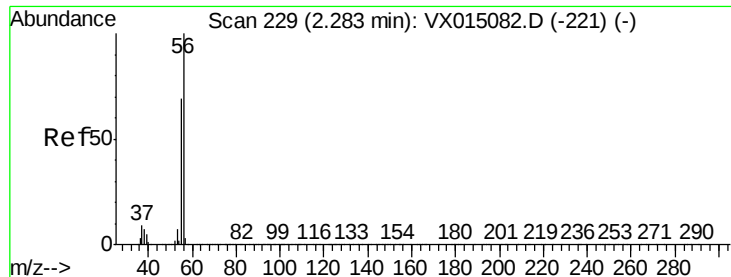
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 96 Resp: 69447
Ion Ratio Lower Upper
96 100
61 154.9 126.2 189.4
98 64.5 51.4 77.0





#13

Acrolein

Concen: 78.870 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 56 Resp: 56691

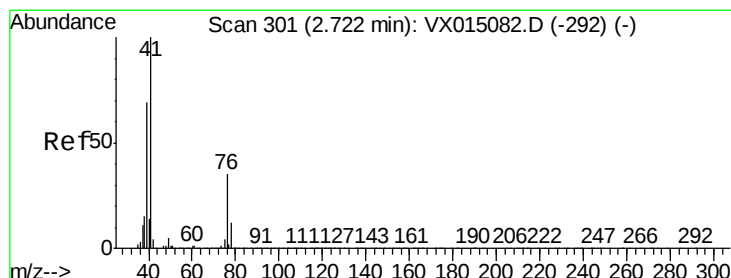
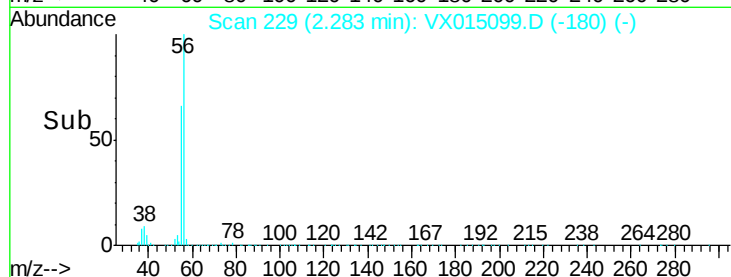
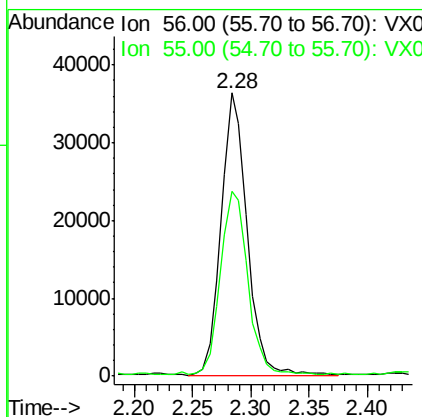
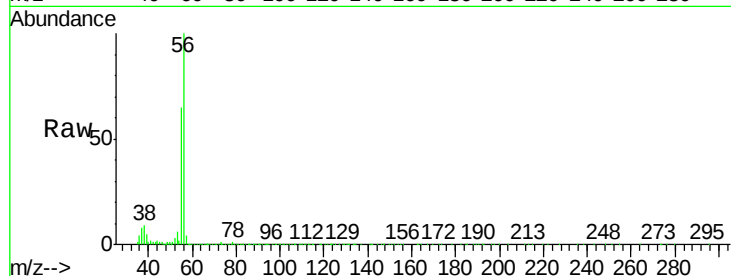
Ion Ratio Lower Upper

56 100

55 66.9 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 18.681 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

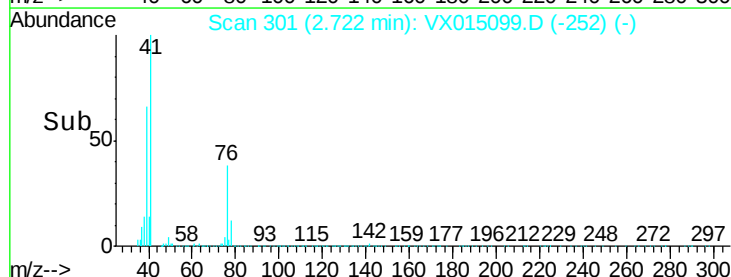
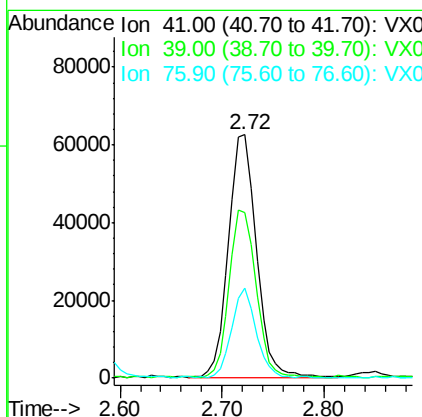
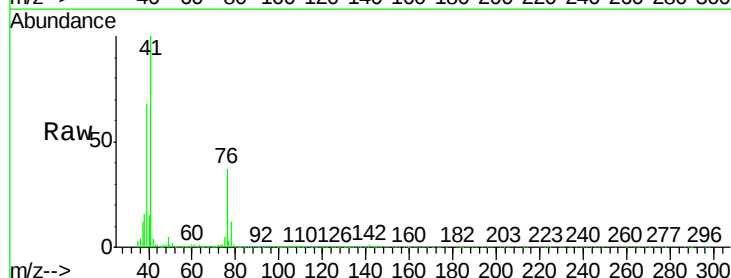
Tgt Ion: 41 Resp: 117624

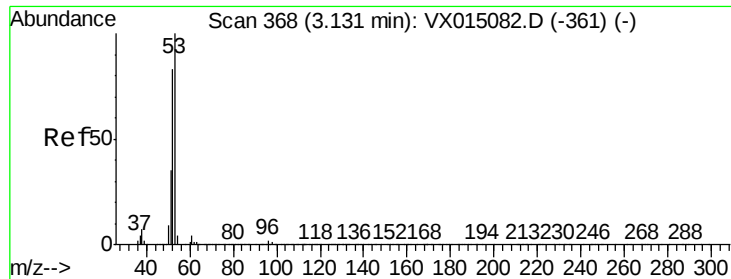
Ion Ratio Lower Upper

41 100

39 68.7 52.9 79.3

76 32.1 26.8 40.2





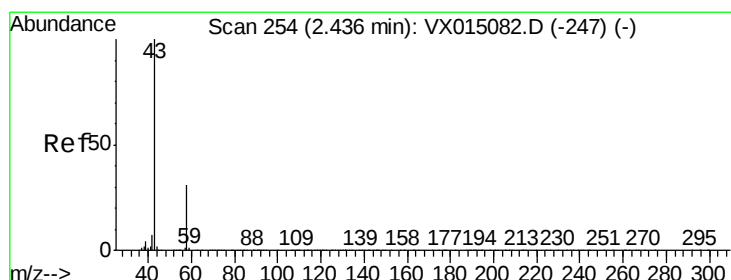
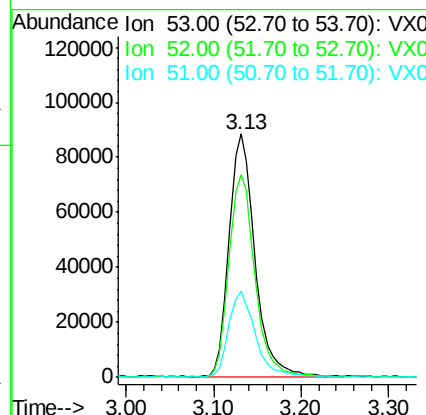
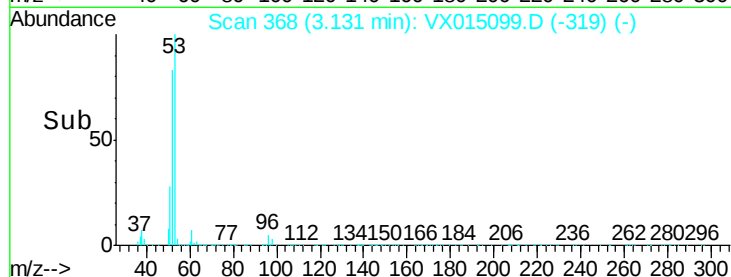
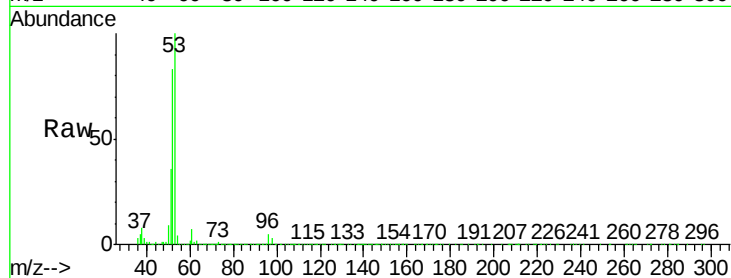
#15
Acrylonitrile
Concen: 95.347 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:	53	Resp:	181620
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.6	100.0
51	36.3	29.0	43.6

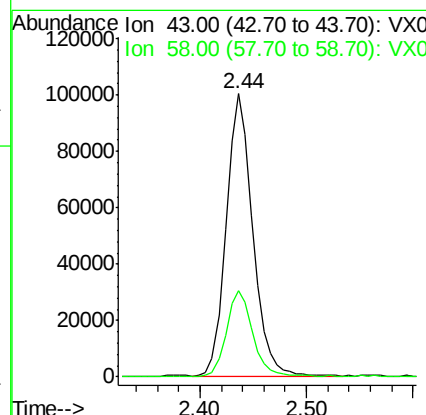
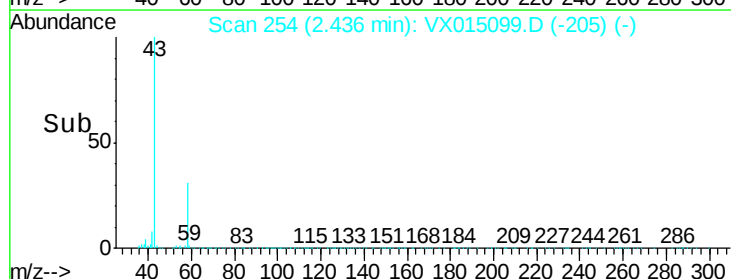
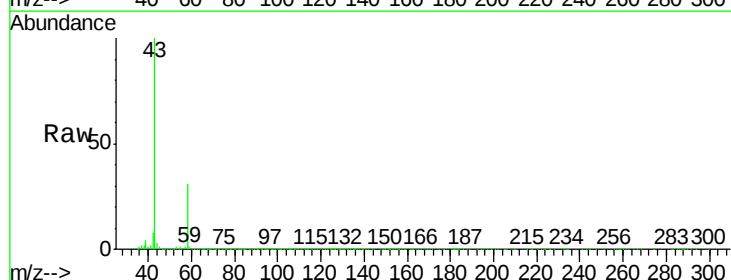
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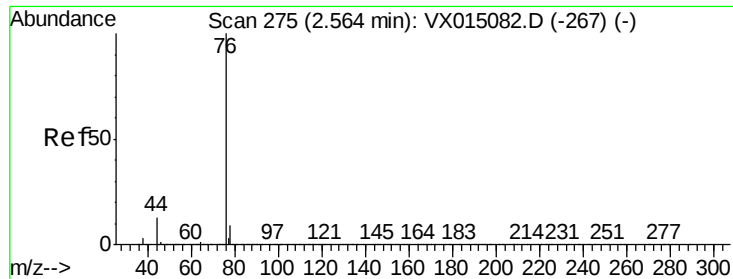
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#16
Acetone
Concen: 96.771 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:	43	Resp:	172769
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.8	37.2





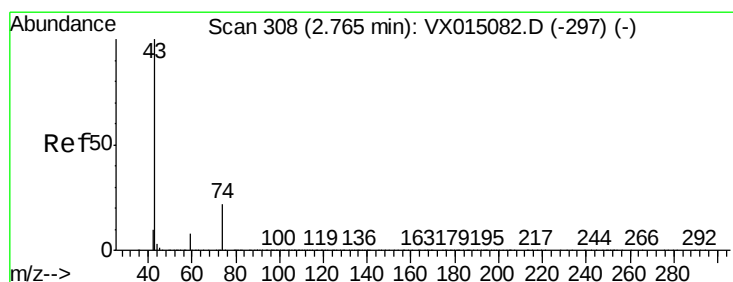
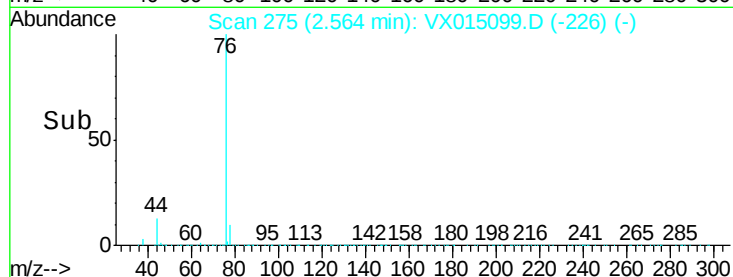
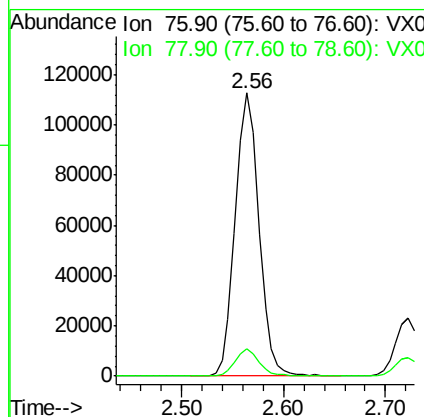
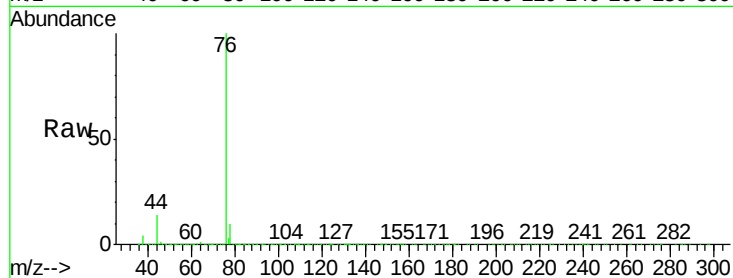
#17
Carbon Disulfide
Concen: 18.011 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

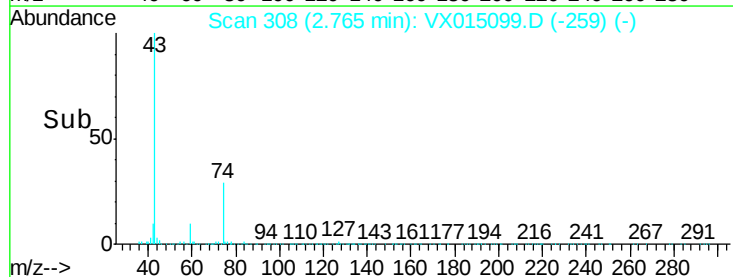
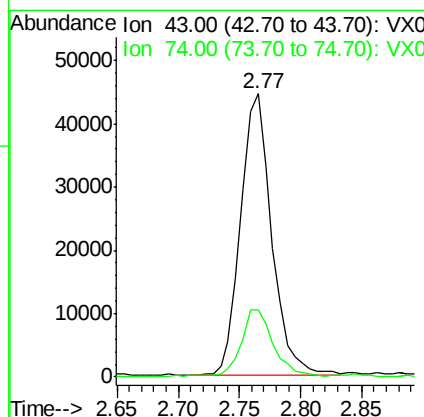
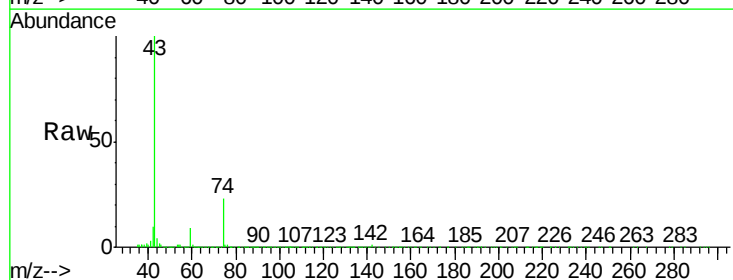
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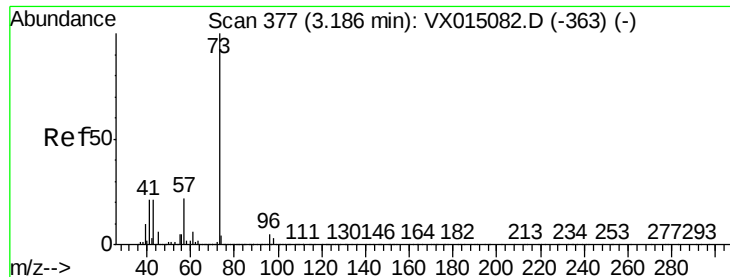
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#18
Methyl Acetate
Concen: 18.015 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.8	28.2





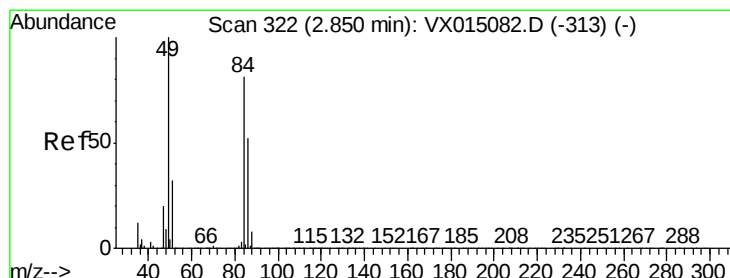
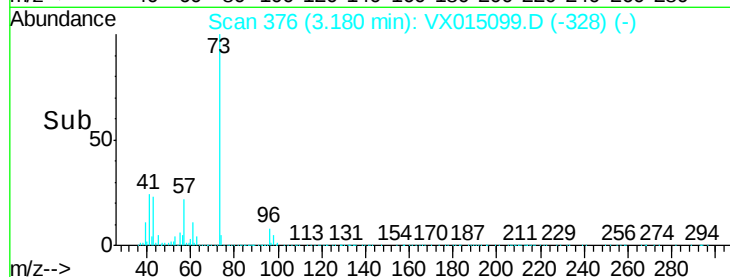
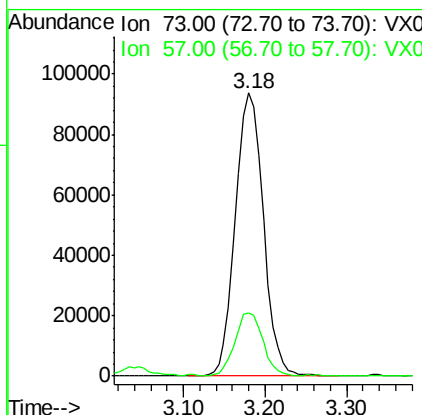
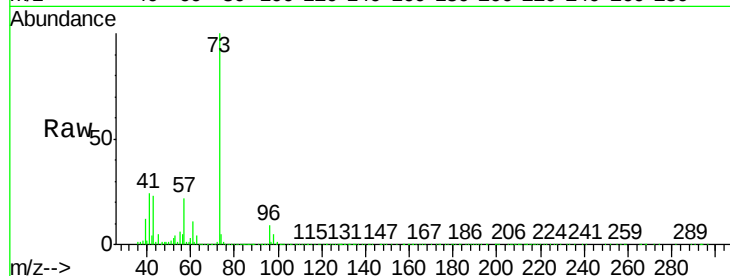
#19
Methyl tert-butyl Ether
Concen: 19.741 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

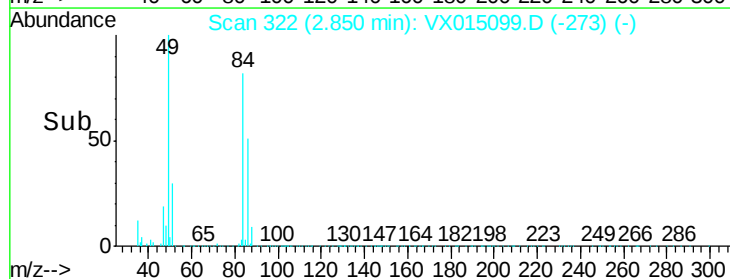
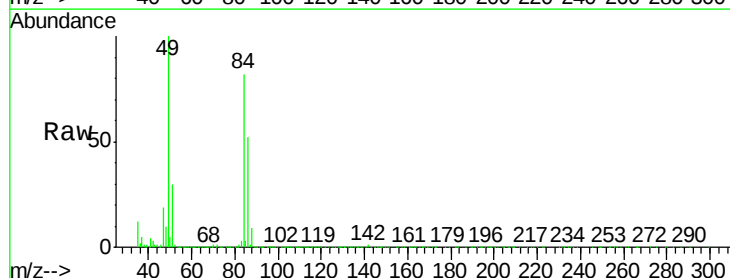
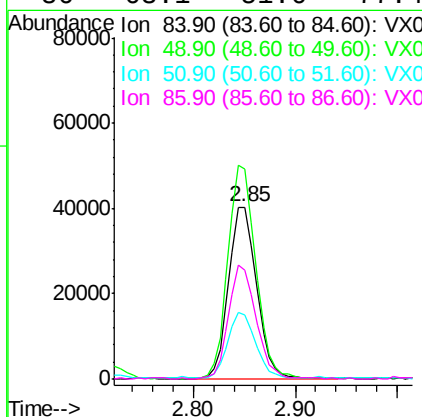
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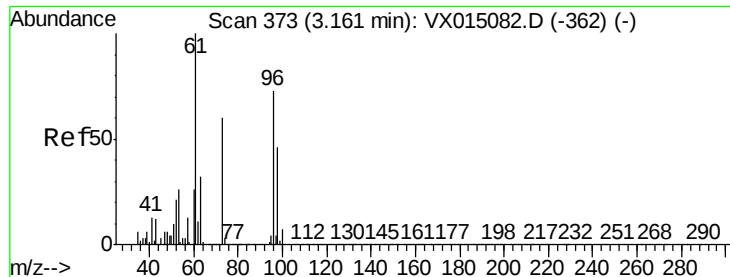
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#20
Methylene Chloride
Concen: 18.430 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	99.4	149.2
51	36.3	31.5	47.3
86	63.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.770 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

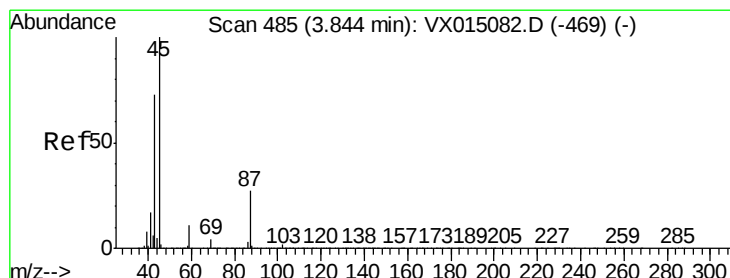
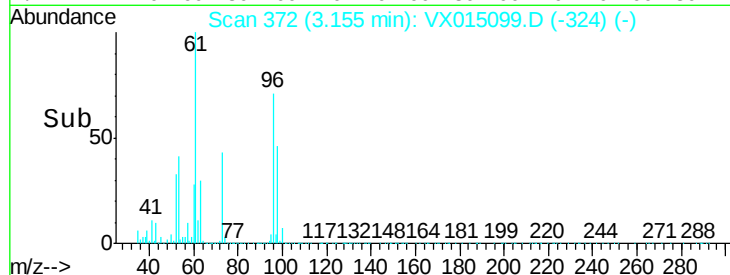
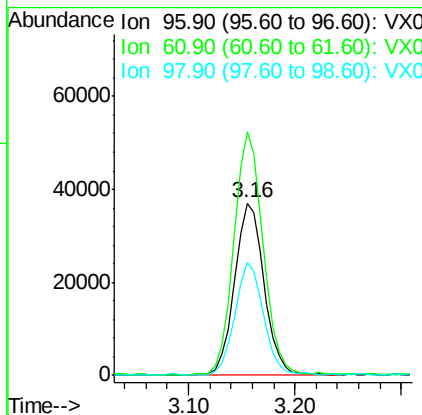
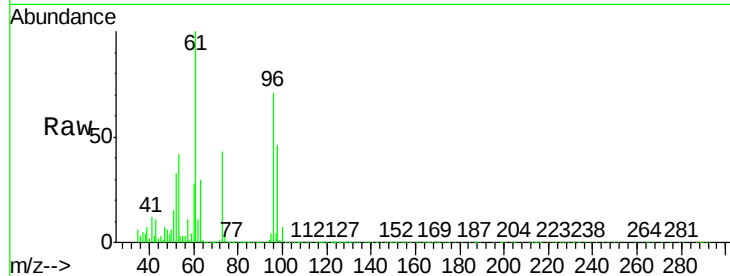
ClientSampleId :

VX0305WBSD01

Tot Ion:	96	Resp:	72373
Ion	Ratio	Lower	Upper
96	100		
61	141.2	109.9	164.9
98	65.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.649 ug/l

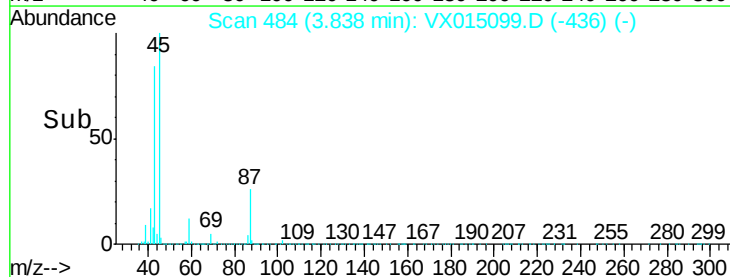
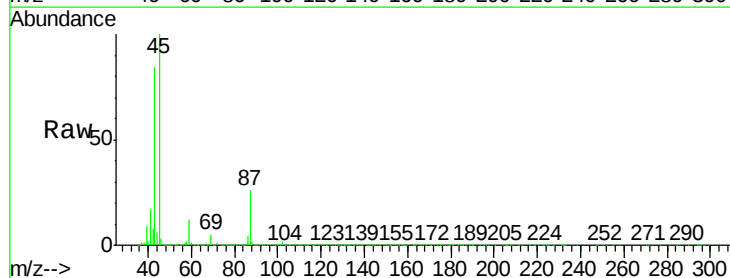
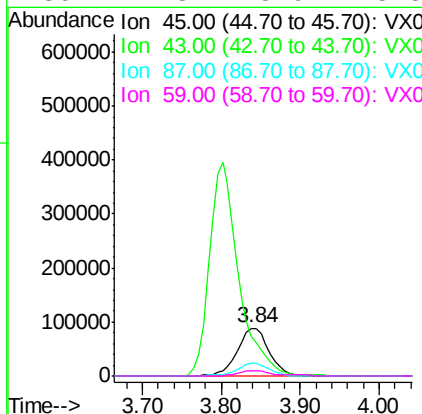
RT: 3.84 min Scan# 484

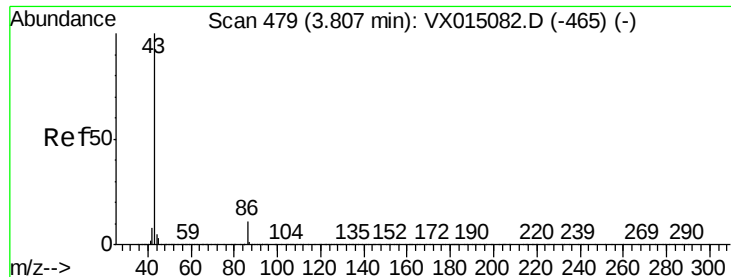
Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	45	Resp:	246486
Ion	Ratio	Lower	Upper
45	100		
43	83.0	58.2	87.2
87	26.1	21.2	31.8
59	11.8	8.9	13.3





#23

Vinyl Acetate

Concen: 98.890 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 43 Resp: 1019728

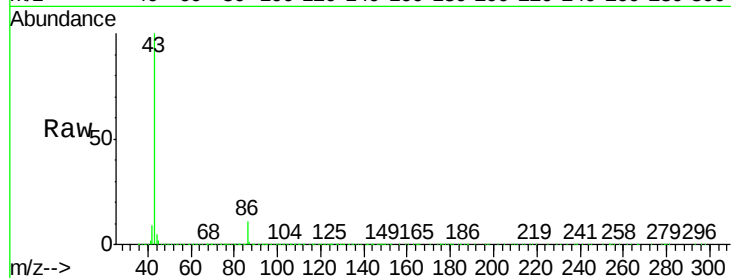
Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8

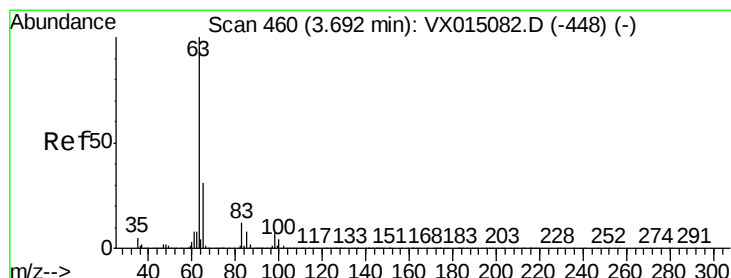
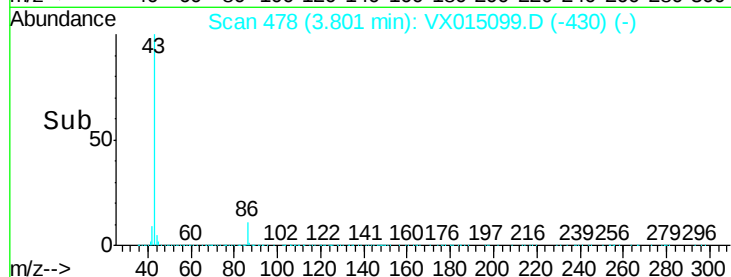
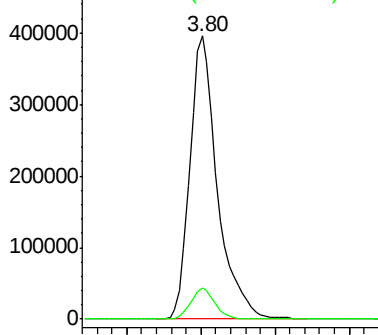
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.632 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

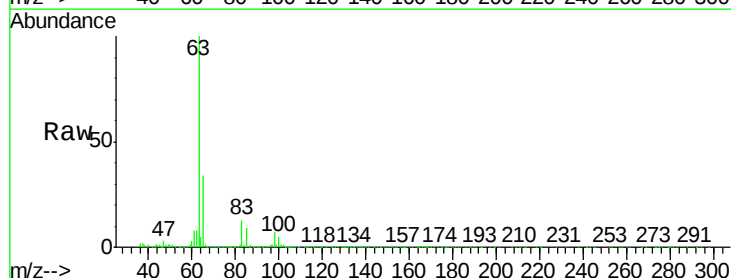
Tgt Ion: 63 Resp: 129724

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

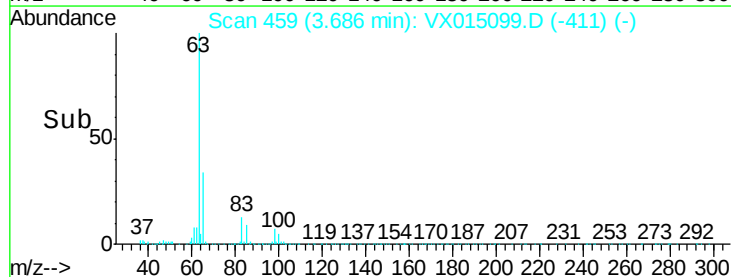
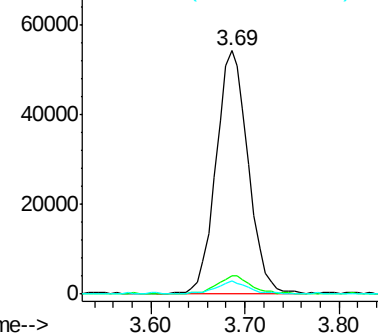
100 5.1 2.1 6.5

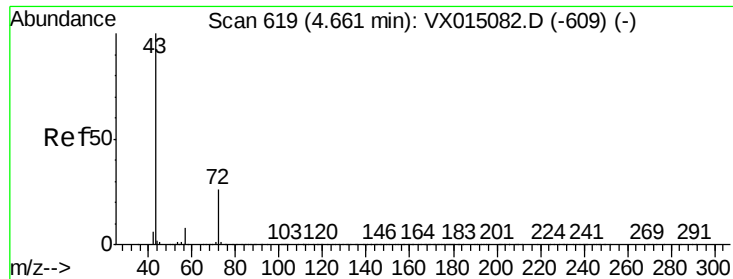


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.536 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 43 Resp: 254934

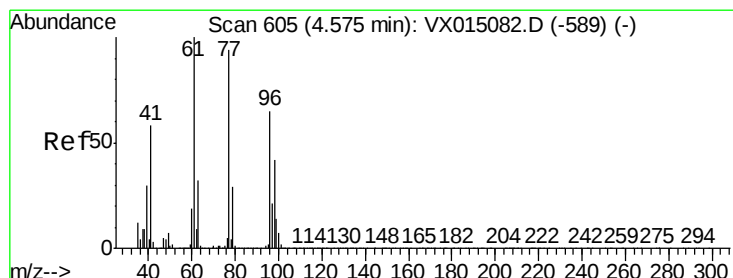
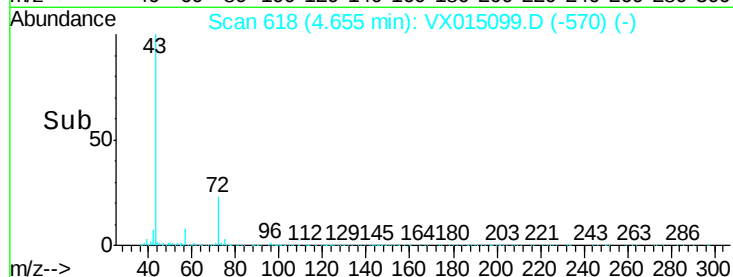
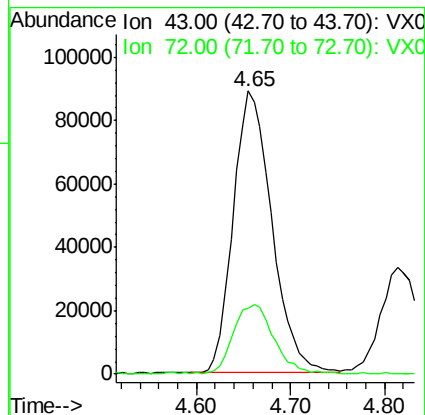
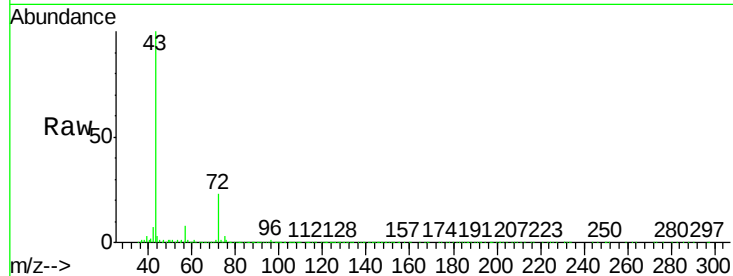
Ion Ratio Lower Upper

43 100

72 22.9 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015099.D

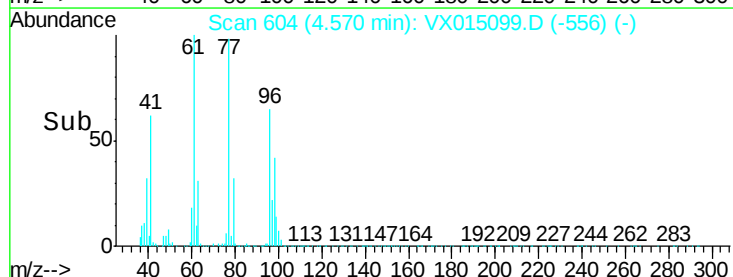
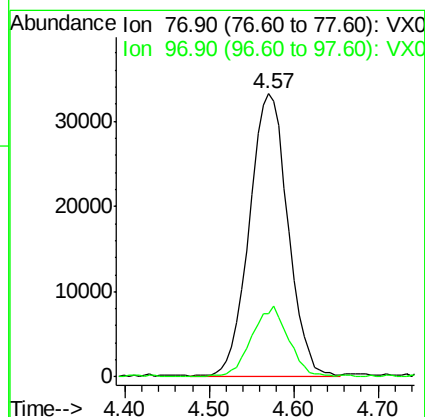
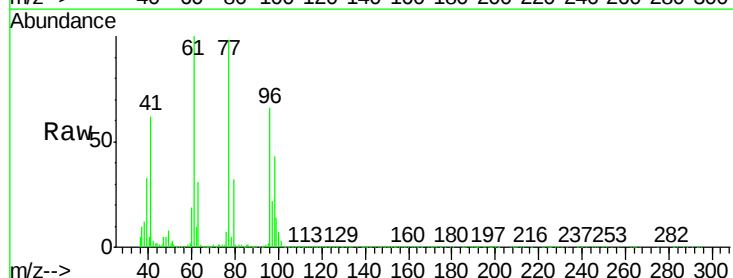
Acq: 05 Mar 2020 10:18

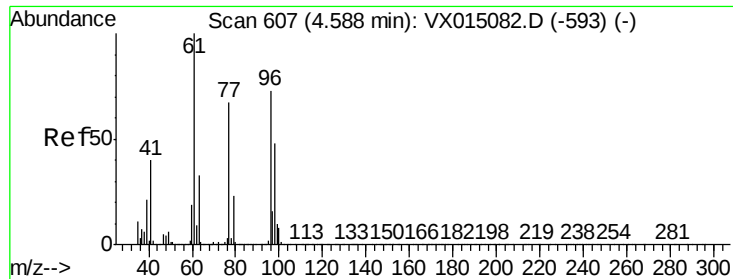
Tgt Ion: 77 Resp: 102886

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 19.208 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX015099.D

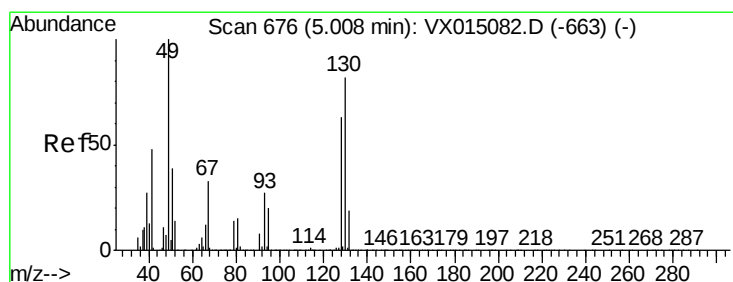
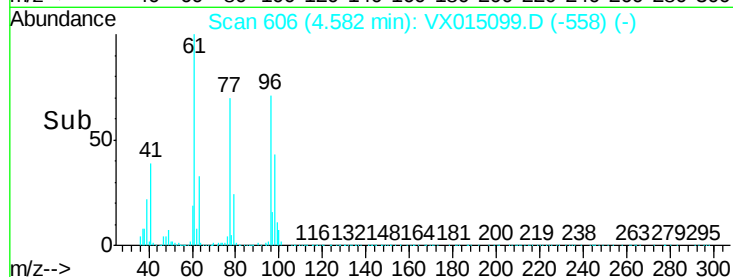
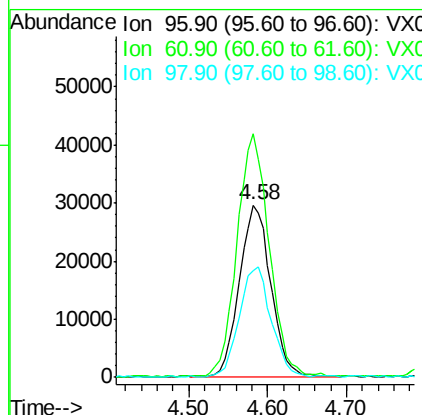
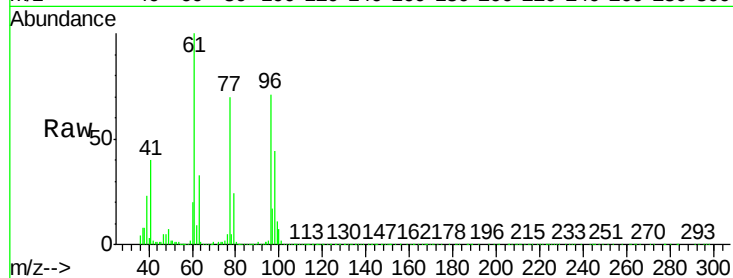
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	83089		
61	145.2	0.0	286.8	
98	63.3	0.0	128.4	

Manual Integrations
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#28

Bromochloromethane

Concen: 19.833 ug/l

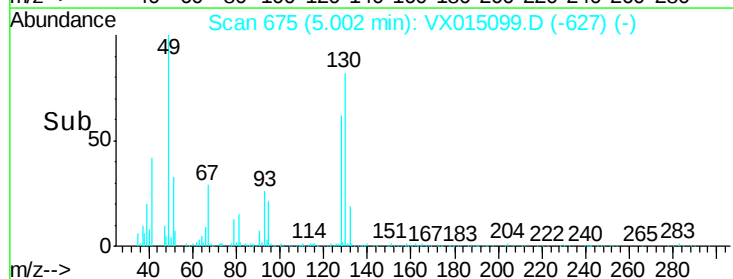
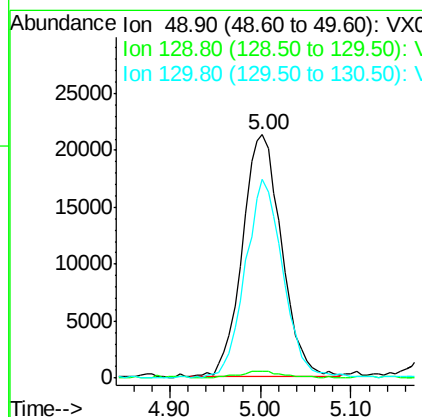
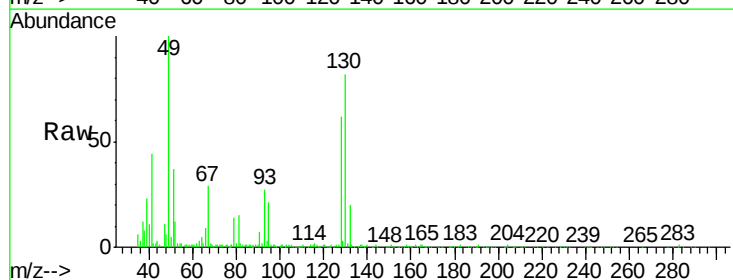
RT: 5.00 min Scan# 675

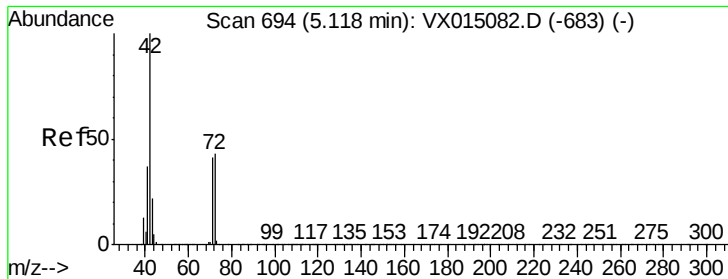
Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	62877		
129	3.4	0.0	4.4	
130	79.6	65.0	97.6	





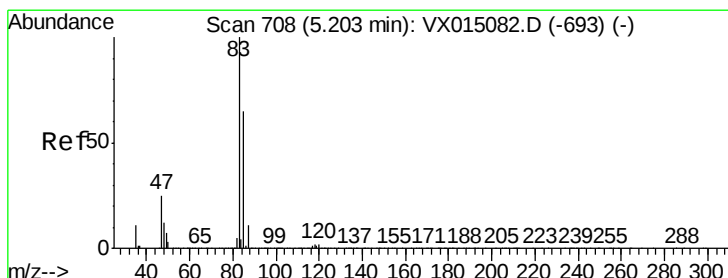
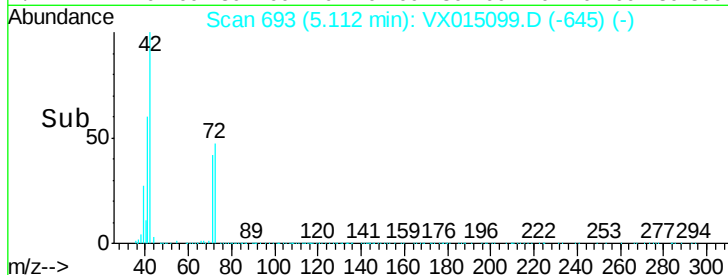
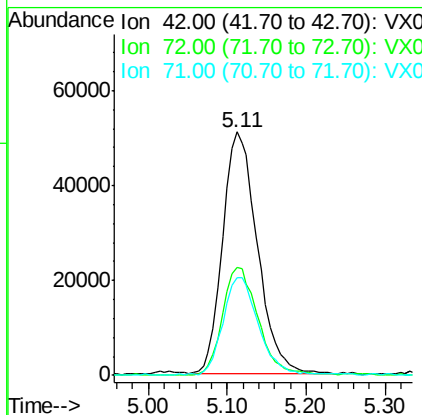
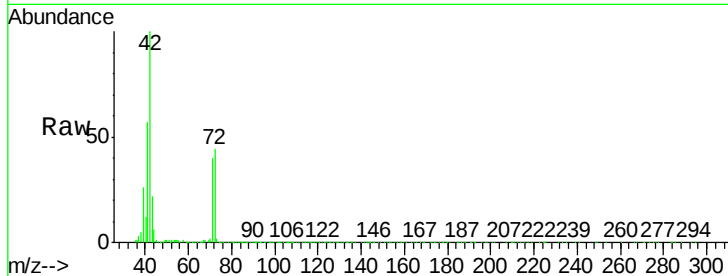
#29
Tetrahydrofuran
Concen: 92.789 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.4	54.6
71	42.2	33.3	49.9

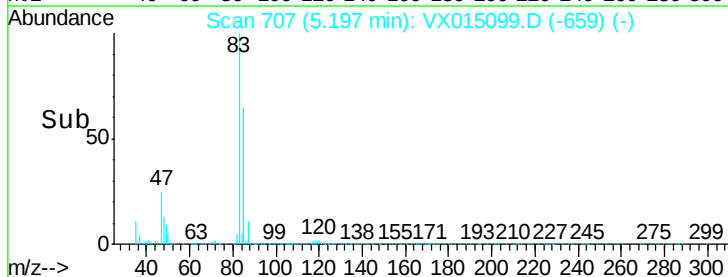
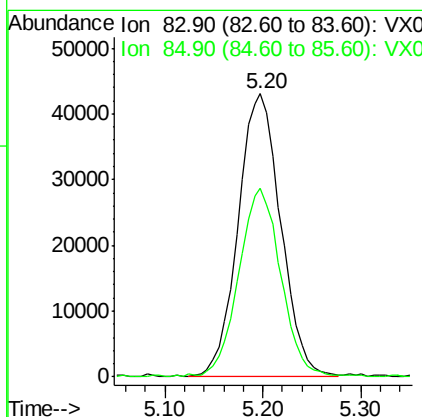
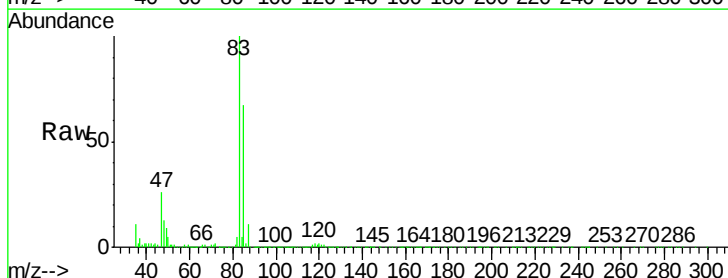
Manual Integrations
APPROVED

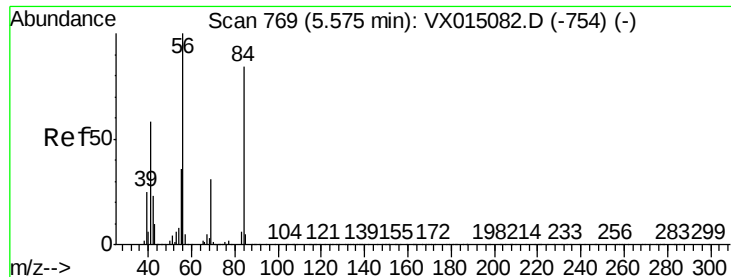
MMDadoda
3/6/2020 4:49:37 PM



#30
Chloroform
Concen: 19.067 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.0	78.0





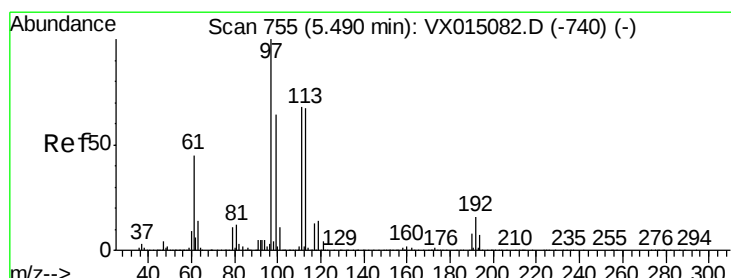
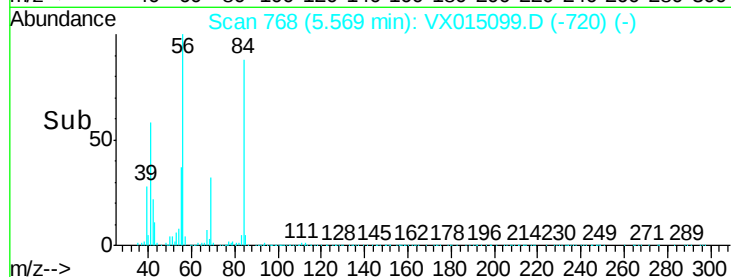
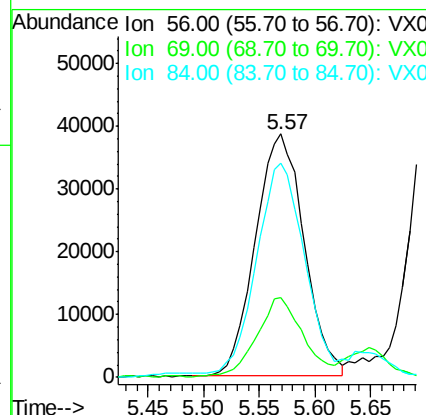
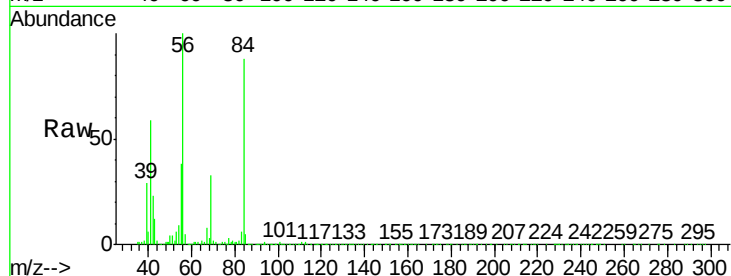
#31
Cyclohexane
Concen: 18.941 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.0	37.6
84	86.9	67.6	101.4

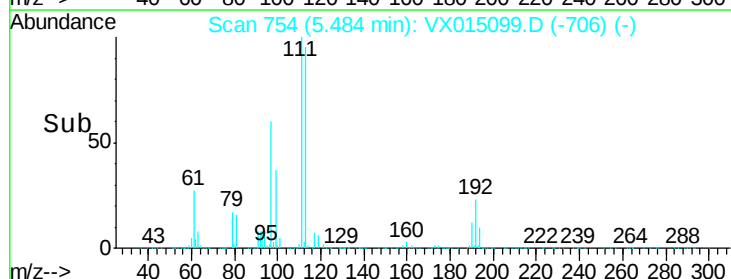
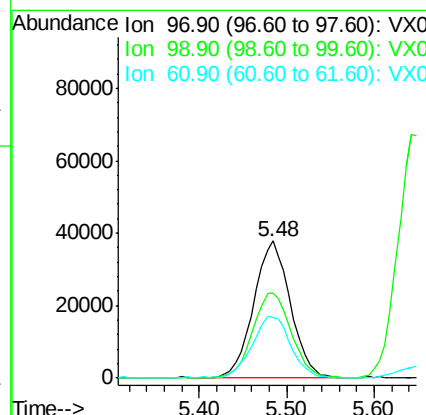
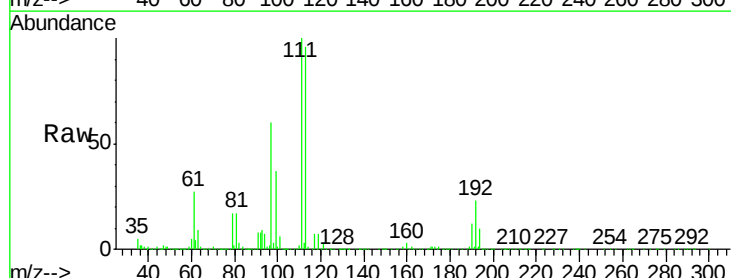
Manual Integrations
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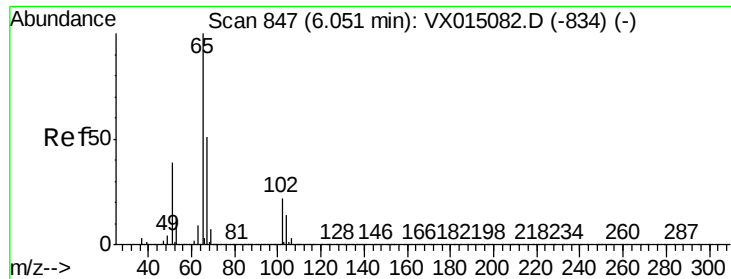
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.625 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.8	79.2
61	45.9	36.6	54.8





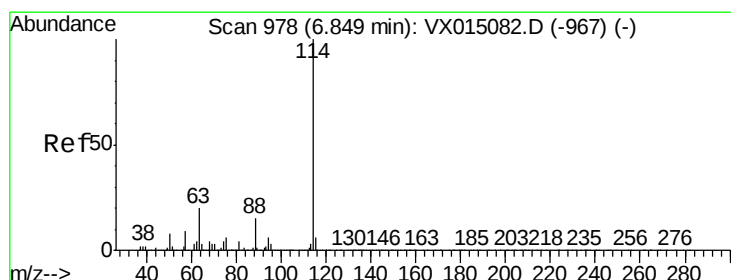
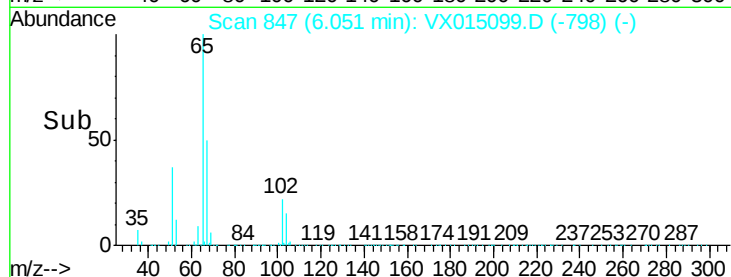
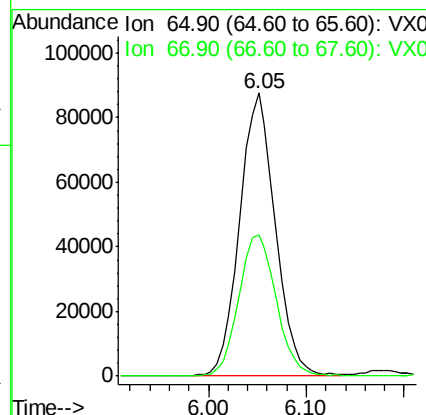
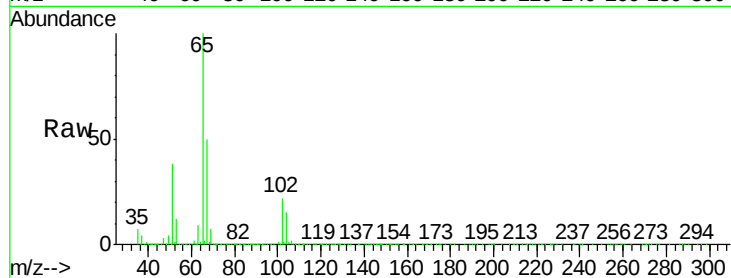
#33
 1,2-Dichloroethane-d4
 Concen: 50.078 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	220766		
67	53.0	0.0	105.6	

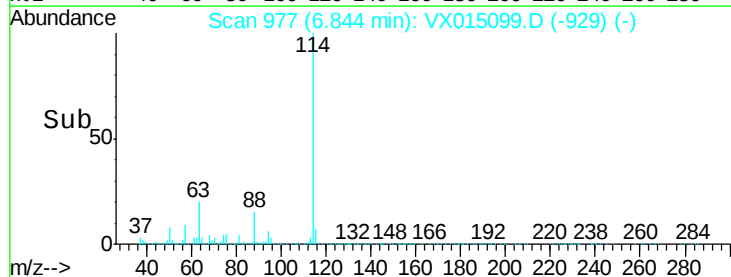
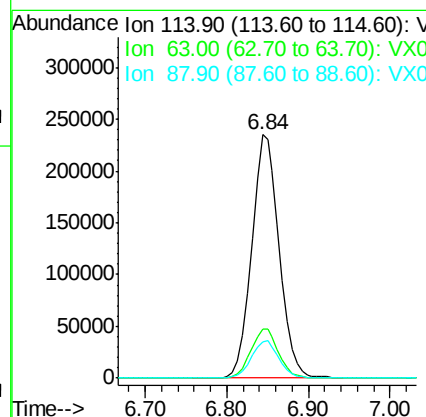
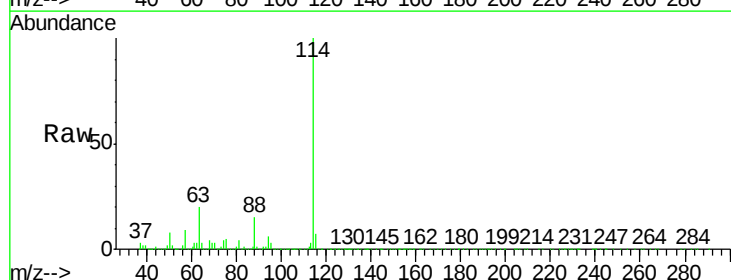
Manual Integrations
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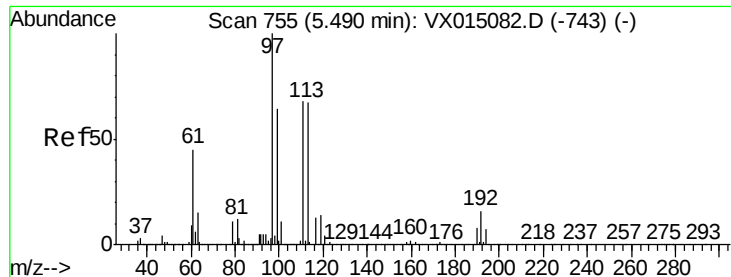
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	547395		
63	20.3	0.0	40.0	
88	14.9	0.0	30.6	





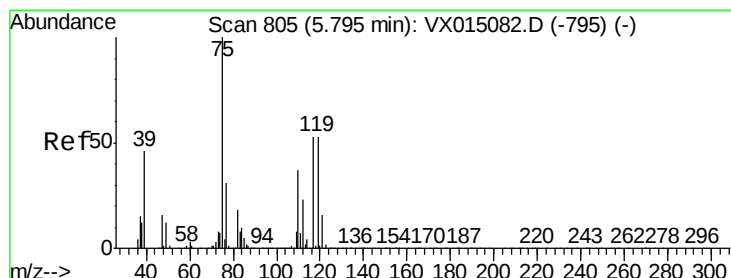
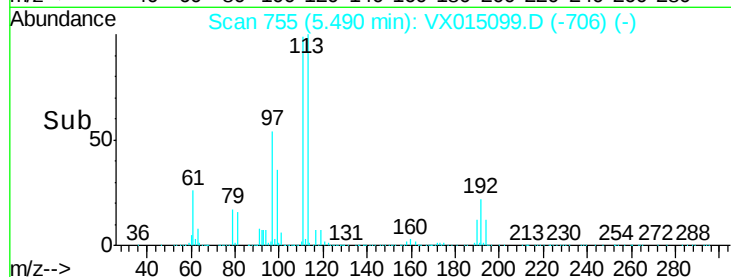
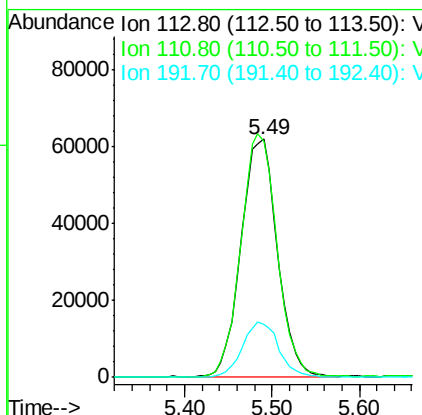
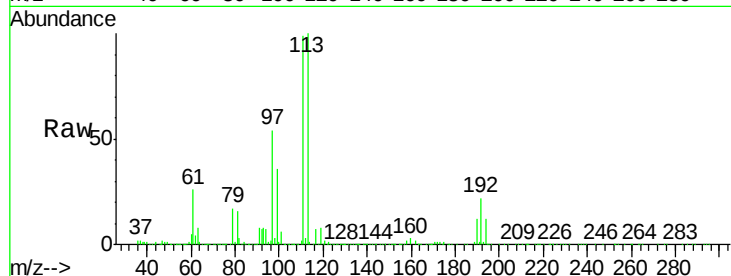
#35
Dibromofluoromethane
Concen: 51.887 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179185		
111	100.9	82.6	123.8	
192	23.4	18.6	28.0	

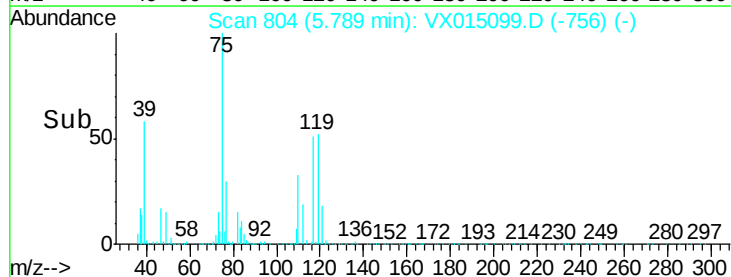
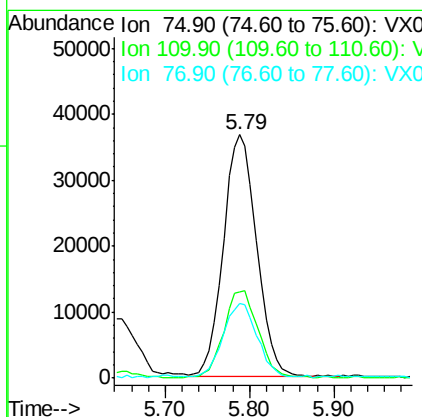
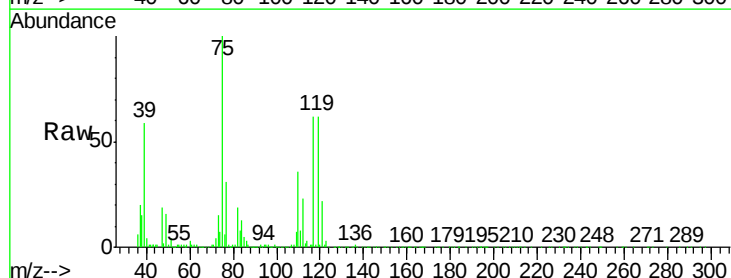
Manual Integrations
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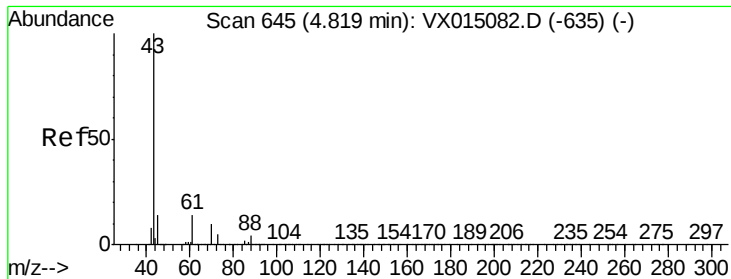
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.548 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98921		
110	36.9	17.9	53.8	
77	30.6	24.8	37.2	





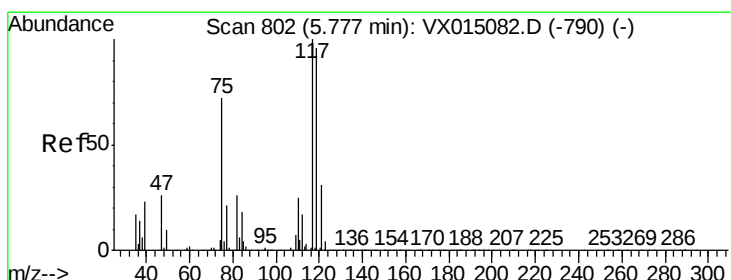
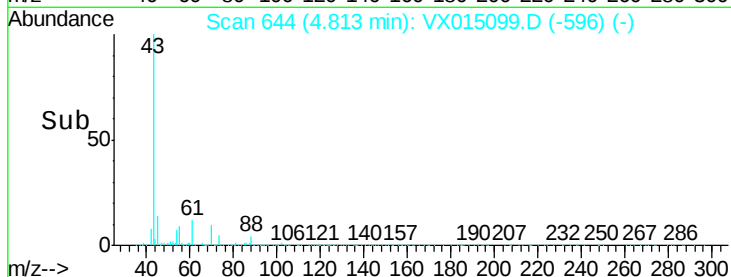
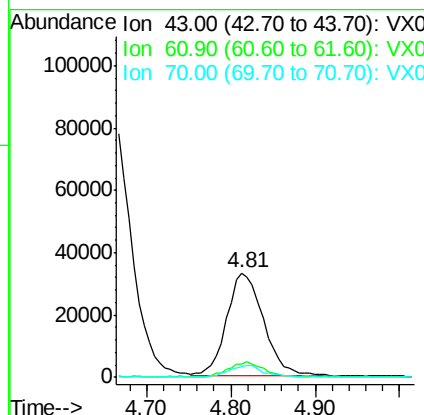
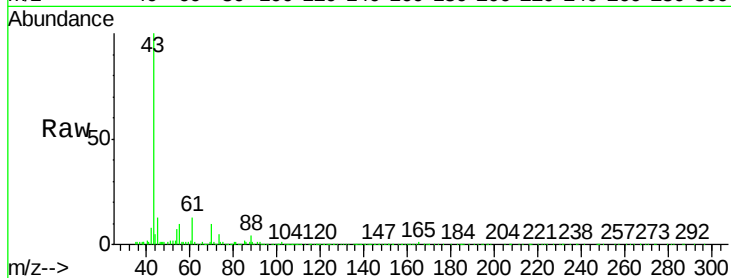
#37
Ethyl Acetate
Concen: 21.082 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion:	43	Resp:	98959
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.3	8.1	12.1

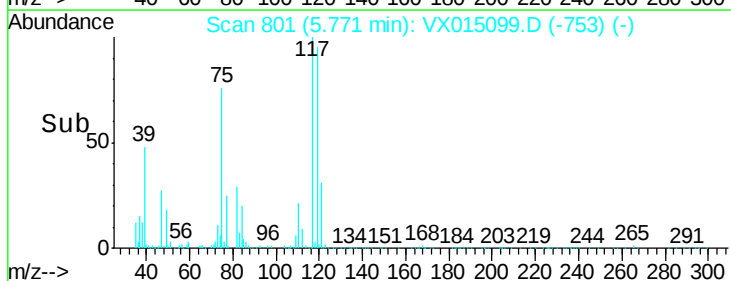
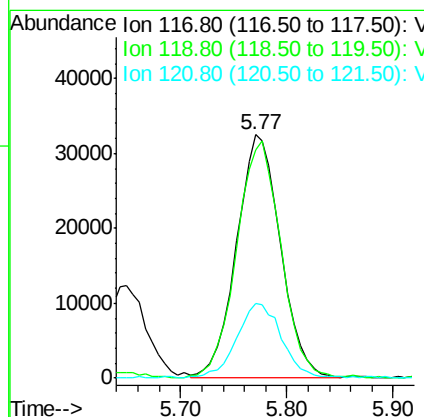
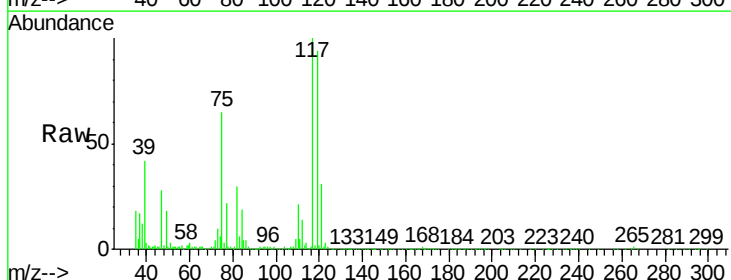
Manual Integrations
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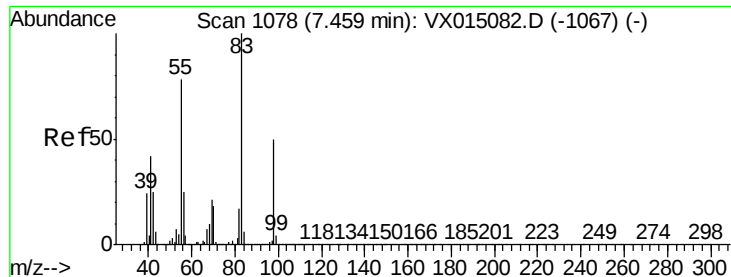
MMDadoda
3/6/2020 4:49:37 PM



#38
Carbon Tetrachloride
Concen: 19.584 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion:	117	Resp:	93545
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.9	115.3
121	30.4	24.6	37.0





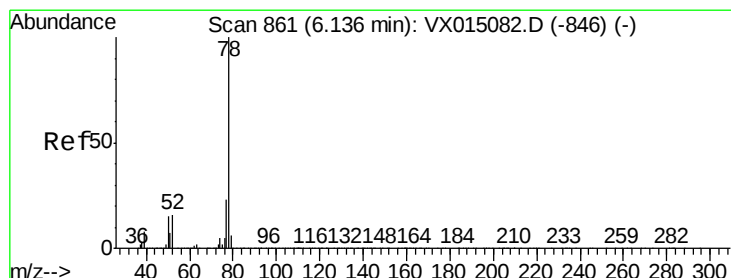
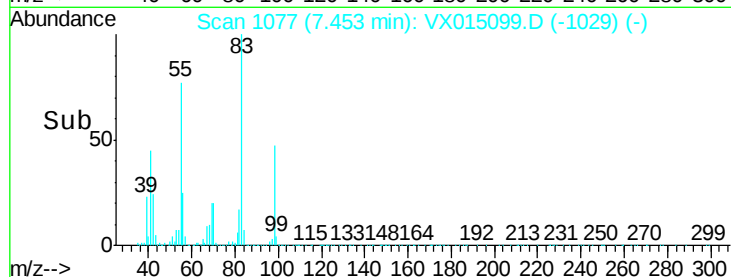
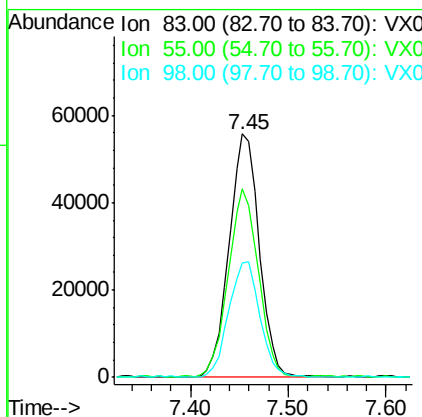
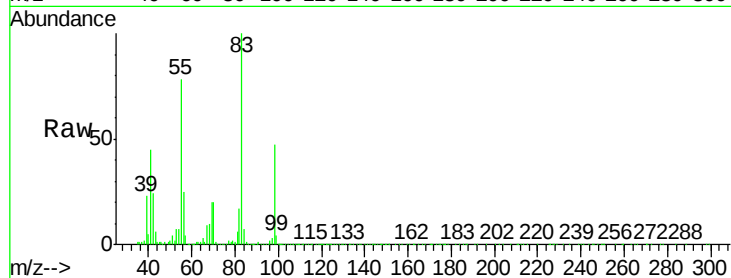
#39
Methvlcvclohexane
Concen: 20.266 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	62.4	93.6
98	46.7	39.7	59.5

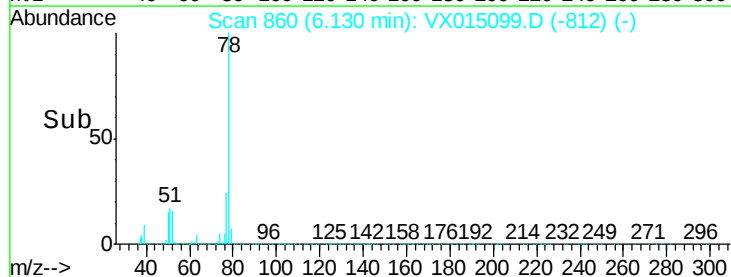
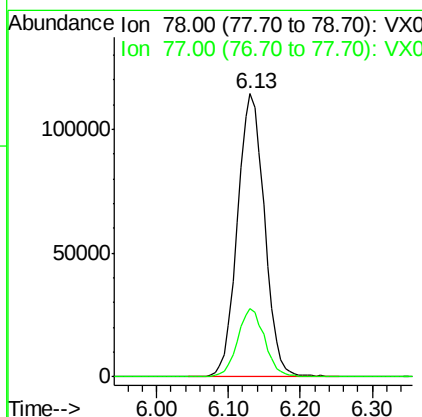
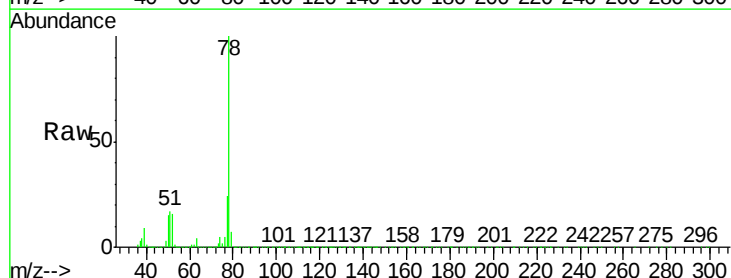
Manual Integrations
APPROVED

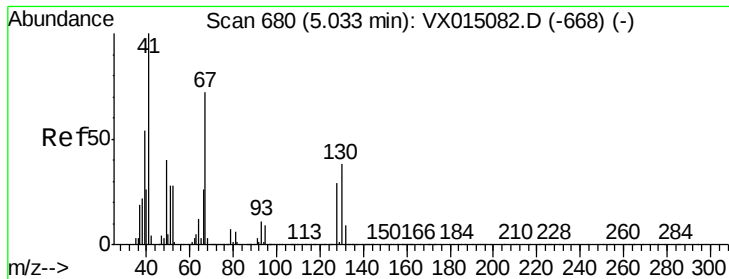
MMDadoda
3/6/2020 4:49:37 PM



#40
Benzene
Concen: 19.756 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





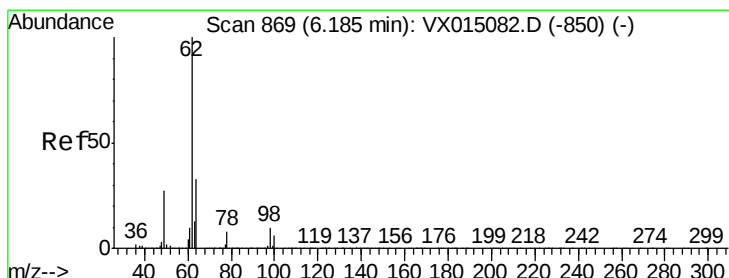
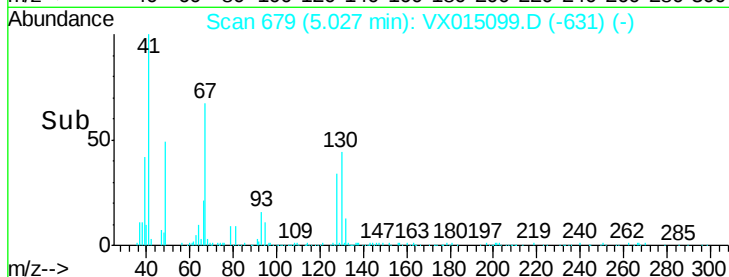
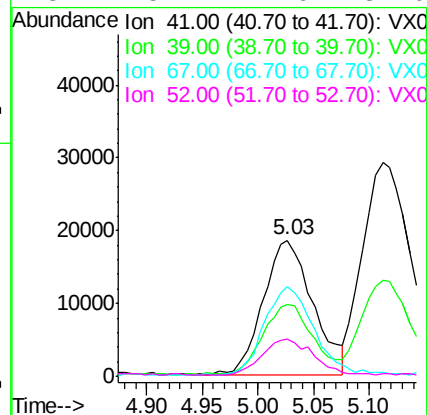
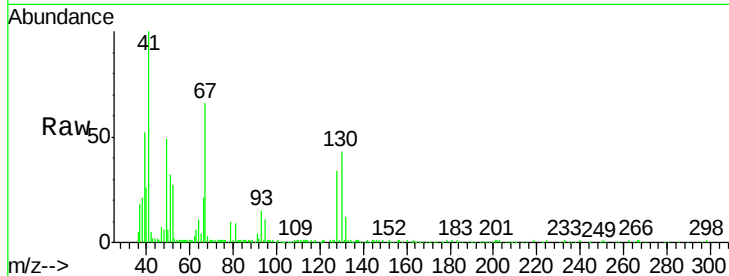
#41
Methacrylonitrile
Concen: 20.323 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.7	43.9	65.9	
67	65.4	57.8	86.8	
52	28.2	22.6	34.0	

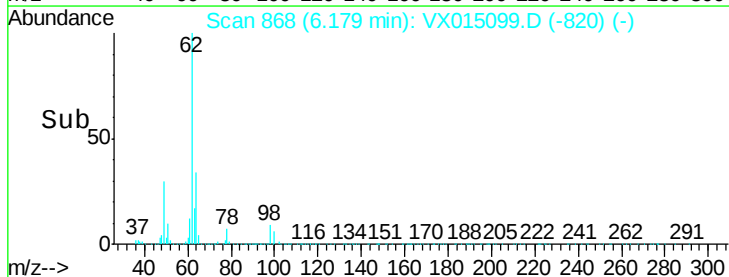
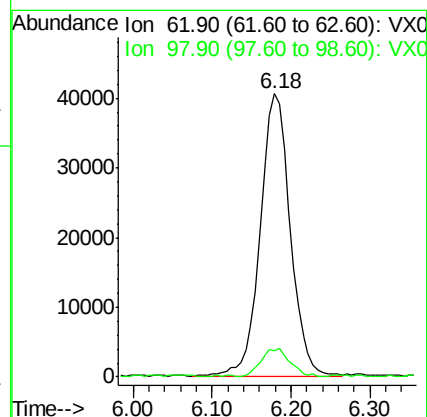
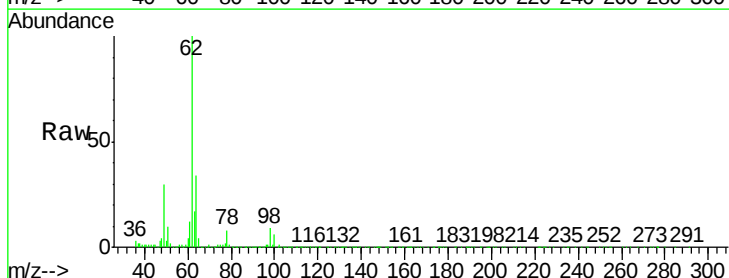
Manual Integrations
APPROVED

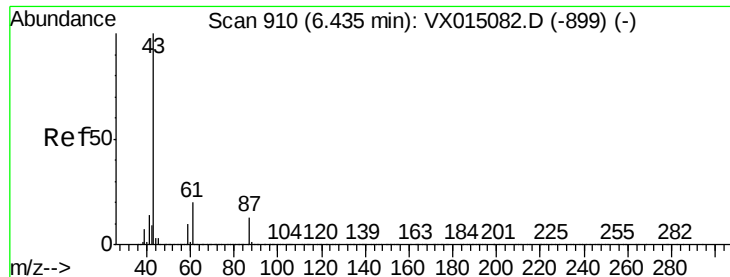
MMDadoda
3/6/2020 4:49:37 PM



#42
1,2-Dichloroethane
Concen: 21.025 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.6	





#43

Isopropyl Acetate

Concen: 19.987 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

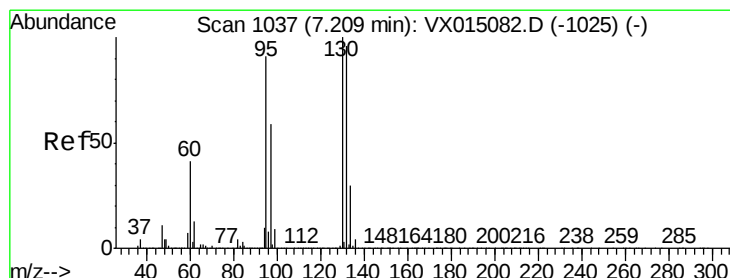
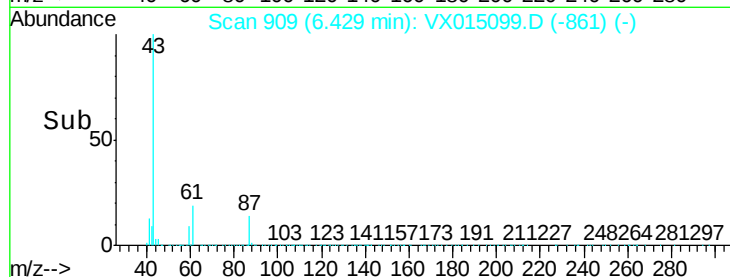
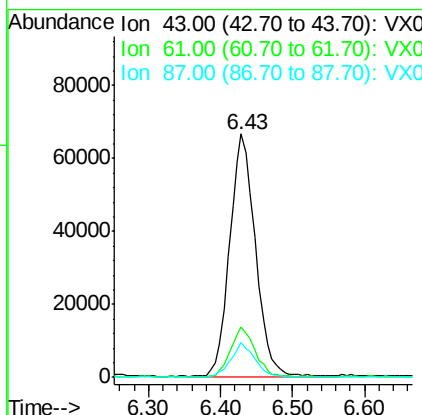
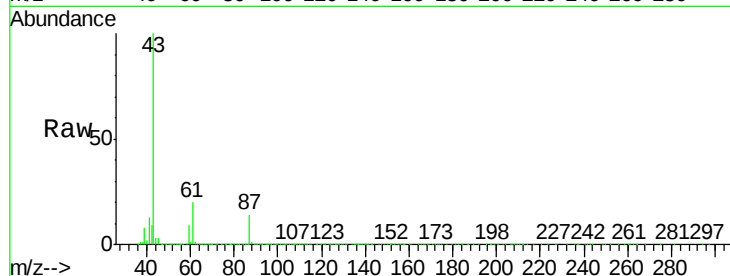
ClientSampleId :

VX0305WBSD01

Tot Ion:	43	Resp:	165046
Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.1	24.1
87	13.6	10.6	16.0

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#44

Trichloroethene

Concen: 19.680 ug/l

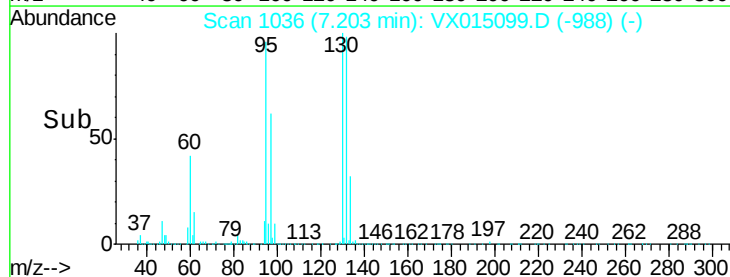
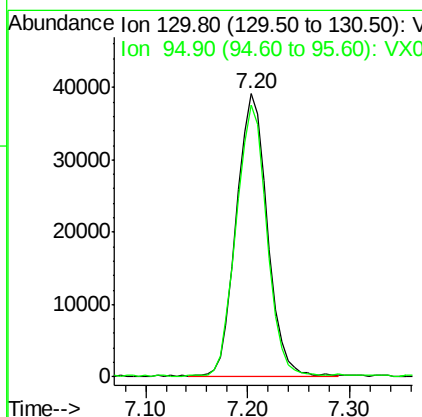
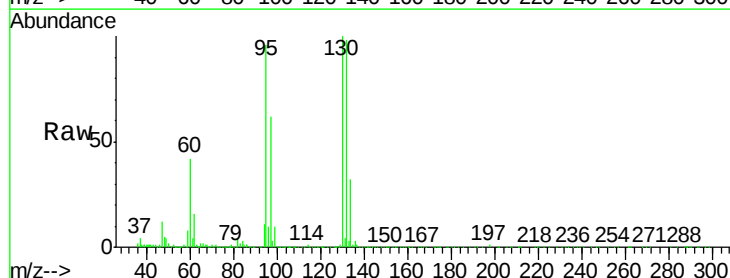
RT: 7.20 min Scan# 1036

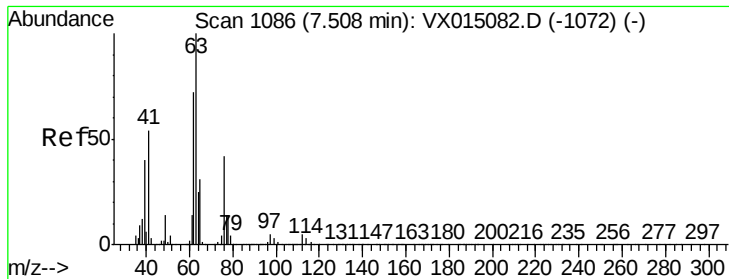
Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	130	Resp:	82284
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	181.2





#45

1,2-Dichloropropane

Concen: 19.659 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 63 Resp: 76398

Ion Ratio Lower Upper

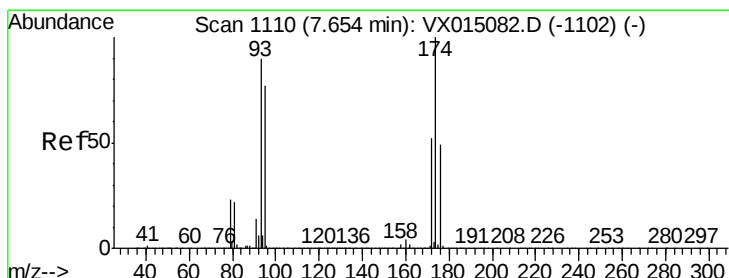
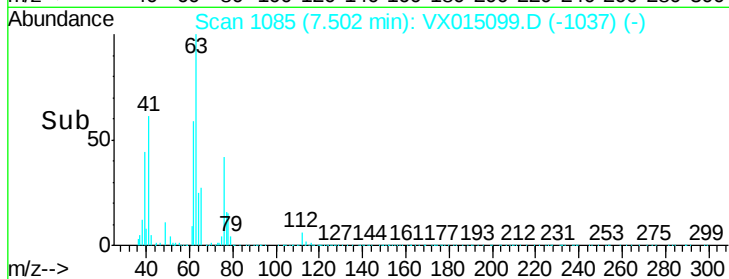
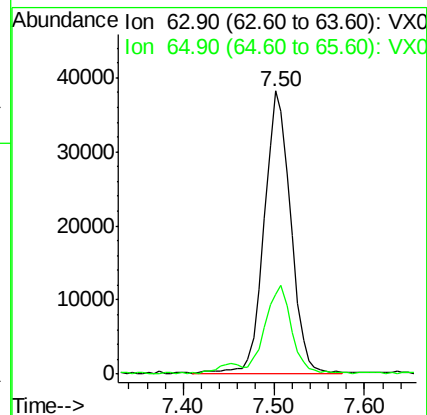
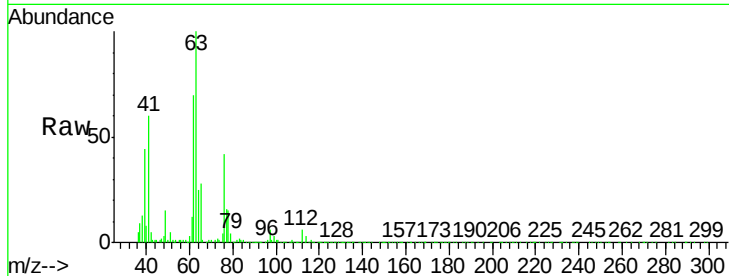
63 100

65 27.8 24.6 36.8

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#46

Dibromomethane

Concen: 19.934 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

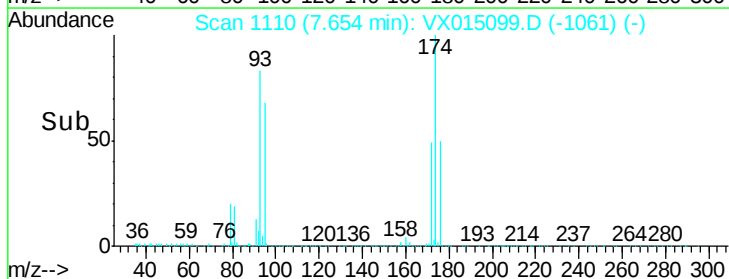
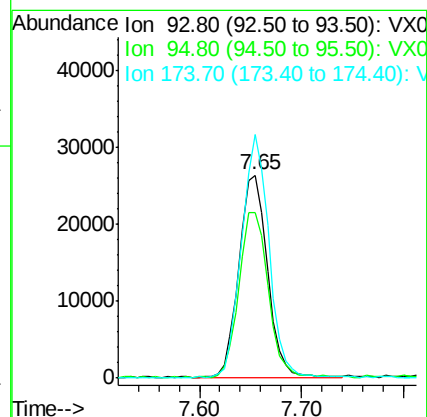
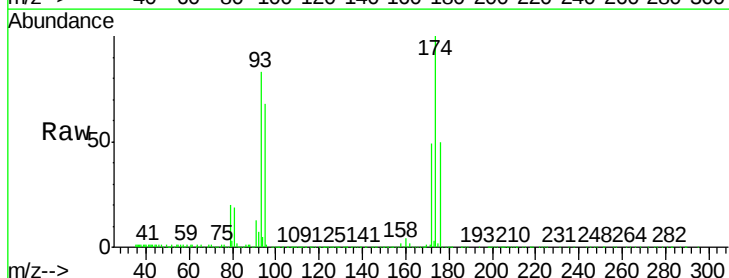
Tgt Ion: 93 Resp: 50477

Ion Ratio Lower Upper

93 100

95 83.8 67.8 101.8

174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 20.368 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

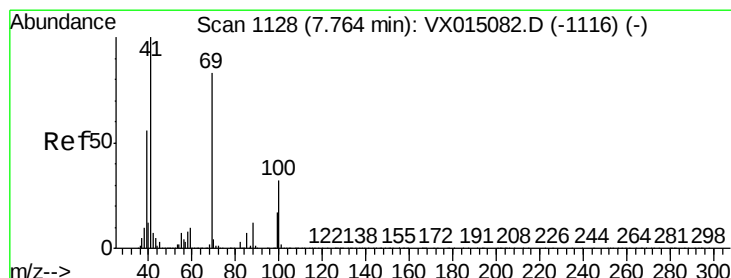
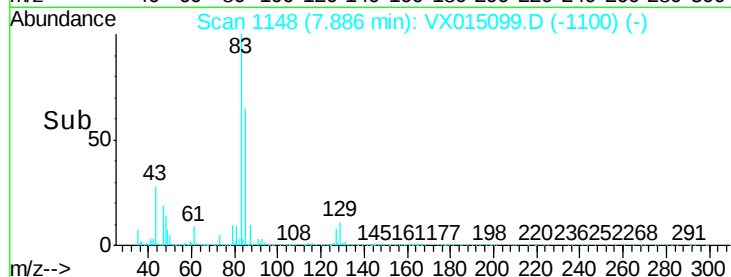
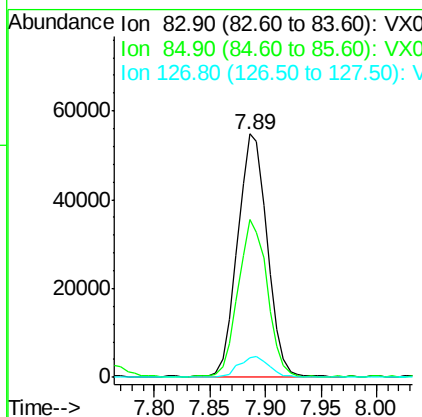
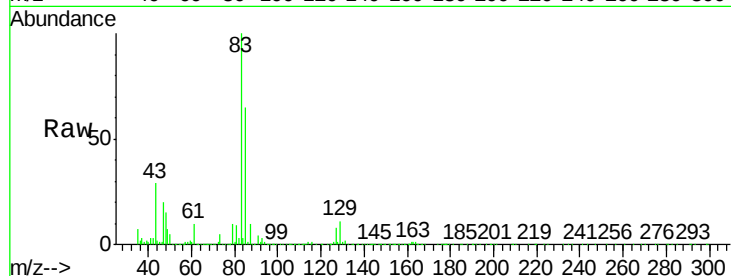
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	101990
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	75.8
127	7.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.954 ug/l

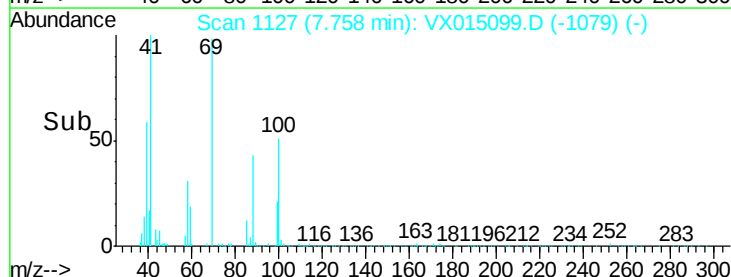
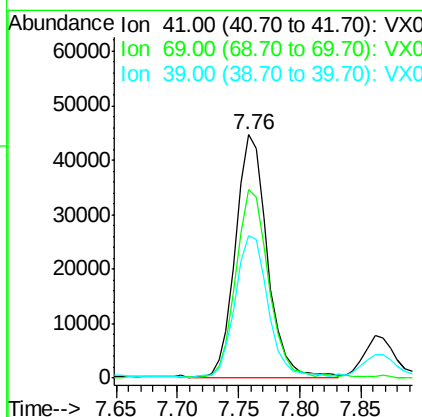
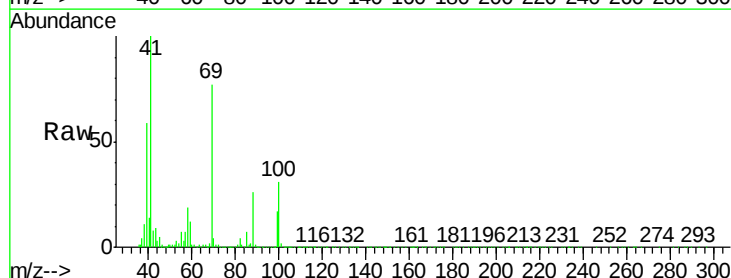
RT: 7.76 min Scan# 1127

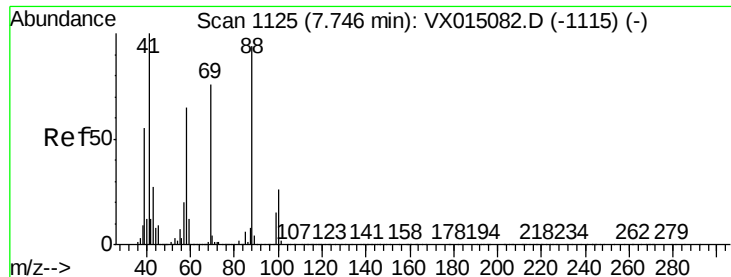
Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	41	Resp:	79664
Ion	Ratio	Lower	Upper
41	100		
69	80.3	65.4	98.2
39	60.8	44.6	67.0





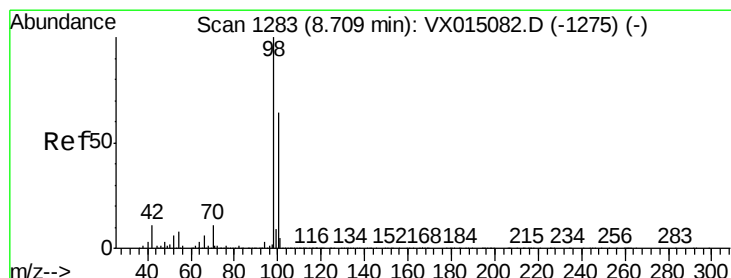
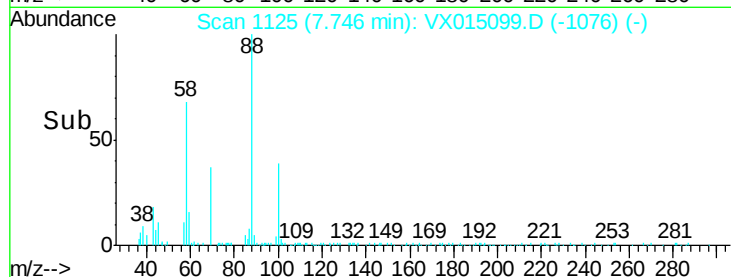
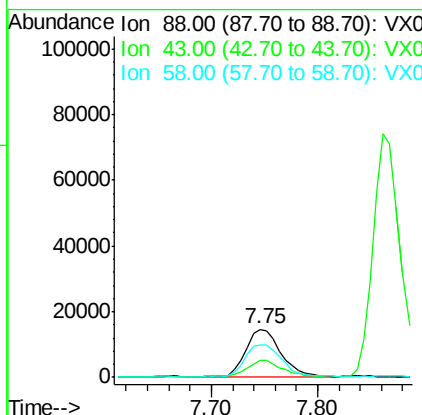
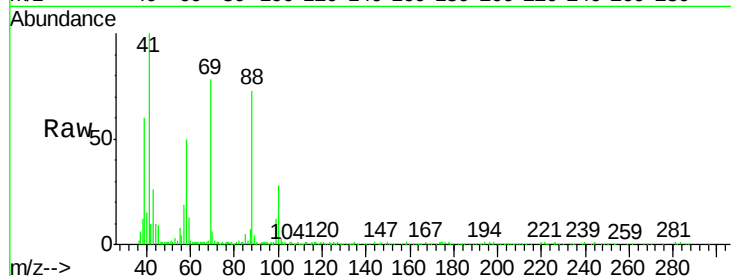
#49
1,4-Dioxane
Concen: 369.718 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.0	40.4
58	71.2	55.6	83.4

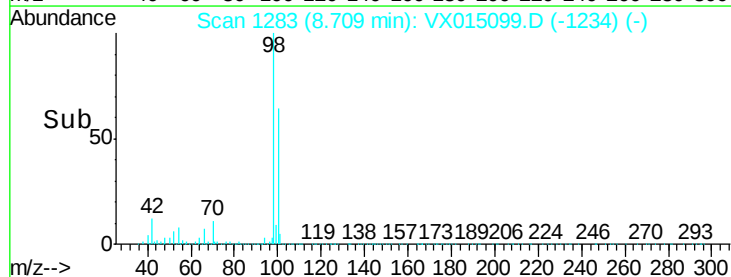
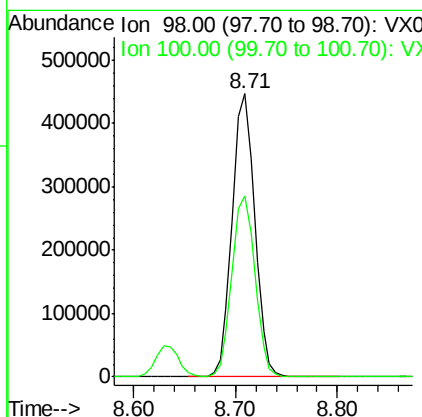
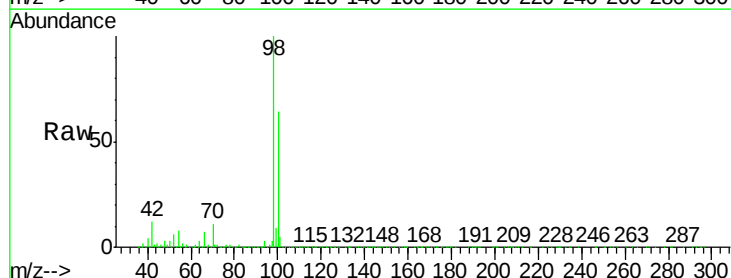
Manual Integrations
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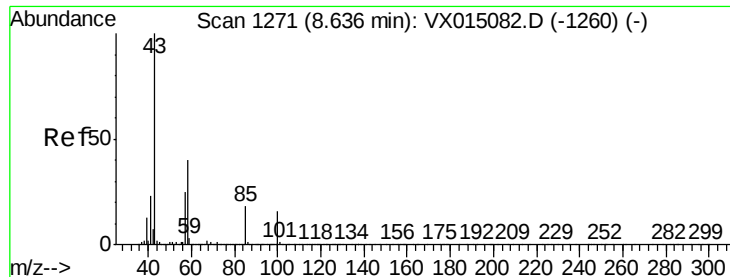
MMDadoda
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#50
Toluene-d8
Concen: 52.064 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 102.049 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 43 Resp: 498253

Ion Ratio Lower Upper

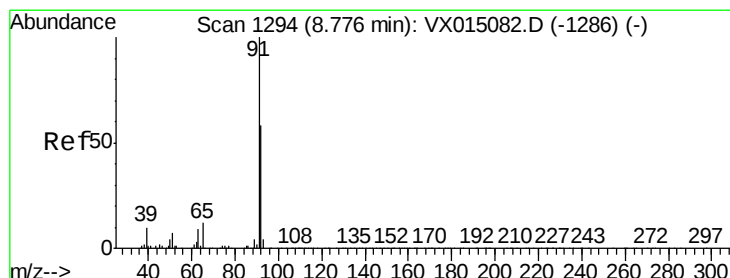
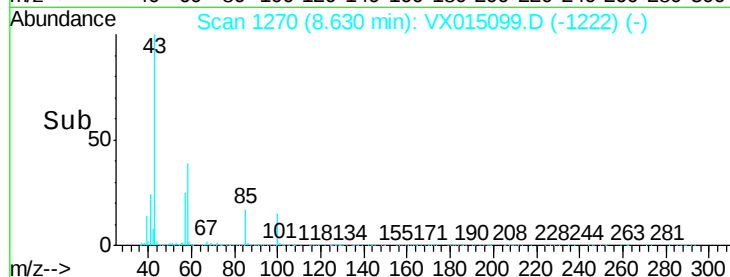
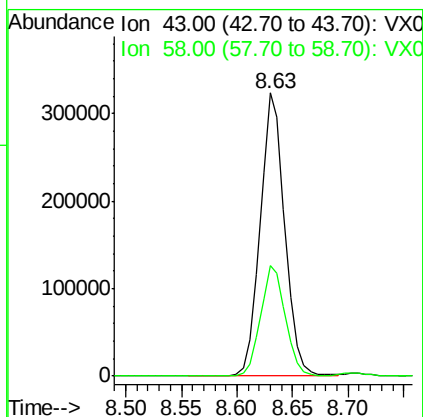
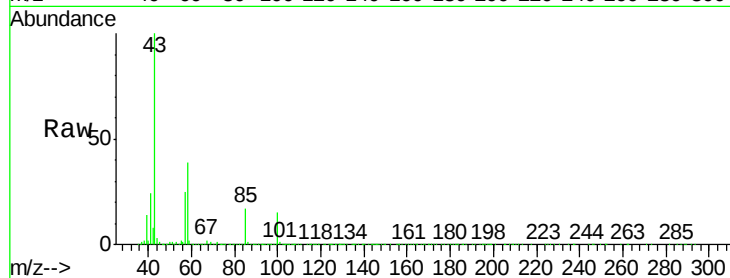
43 100

58 39.3 31.6 47.4

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#52

Toluene

Concen: 20.373 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015099.D

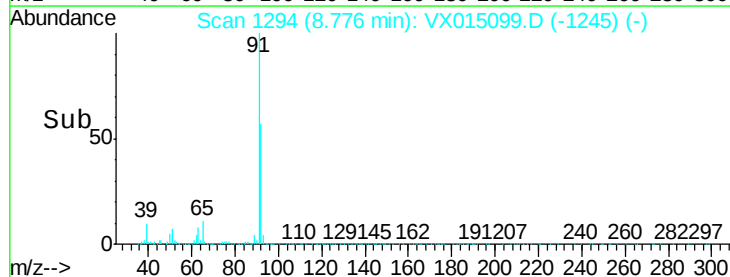
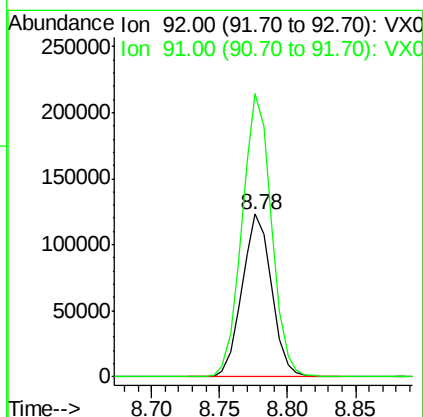
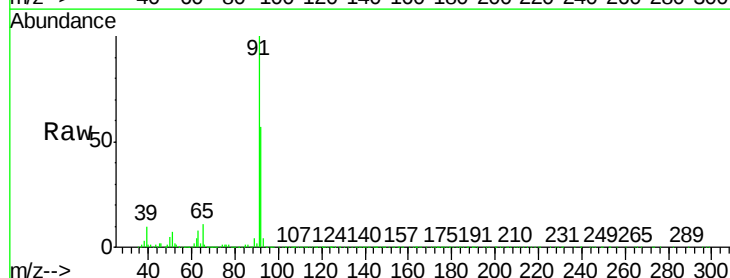
Acq: 05 Mar 2020 10:18

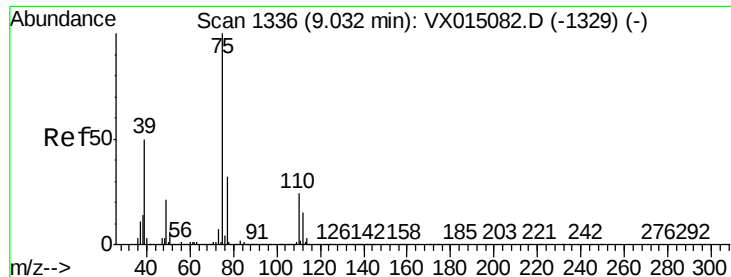
Tgt Ion: 92 Resp: 187021

Ion Ratio Lower Upper

92 100

91 173.3 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.615 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 75 Resp: 109873

Ion Ratio Lower Upper

75 100

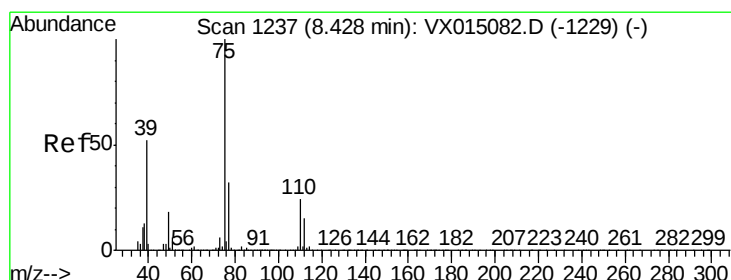
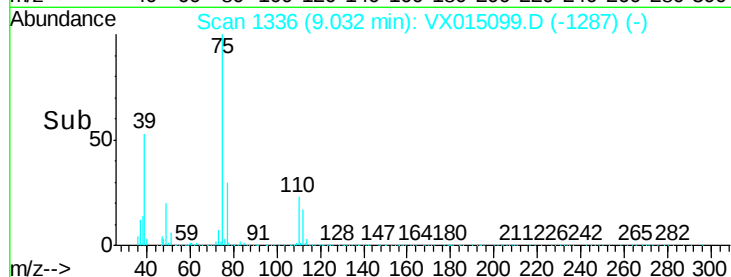
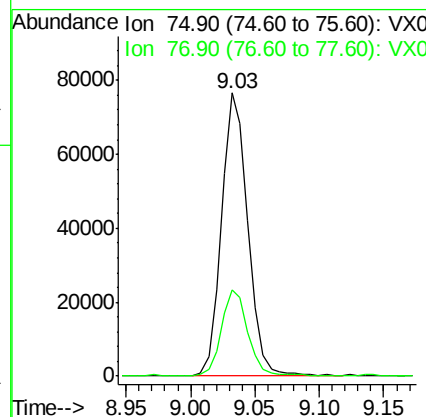
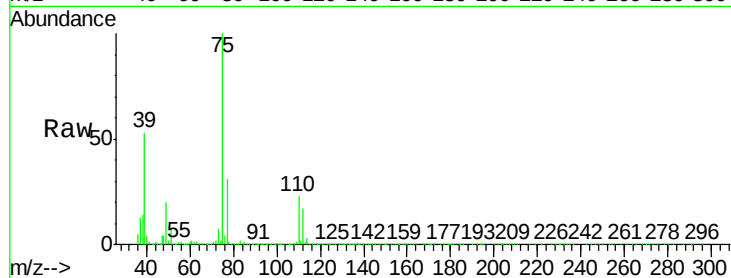
77 30.4 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

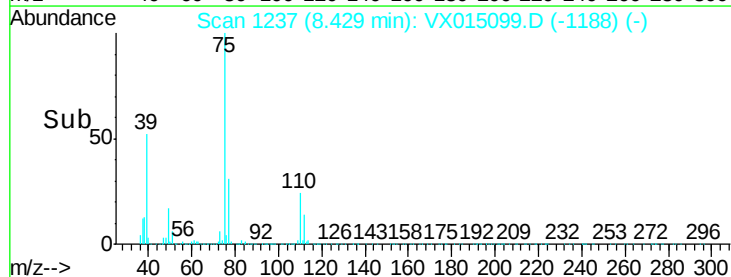
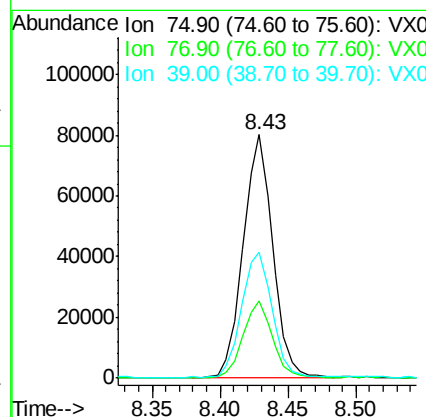
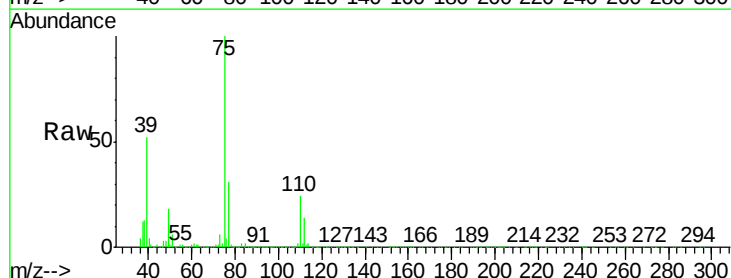
Tgt Ion: 75 Resp: 122396

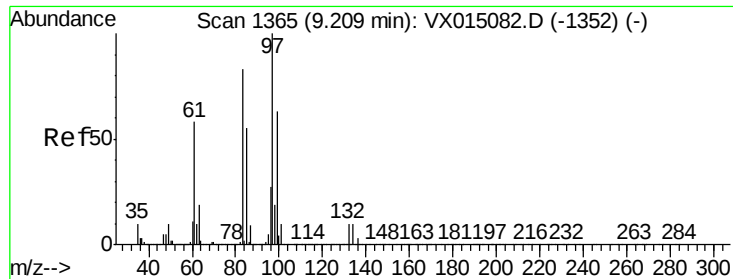
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 51.1 41.3 61.9





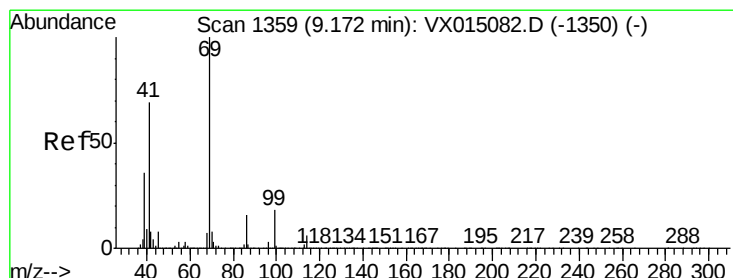
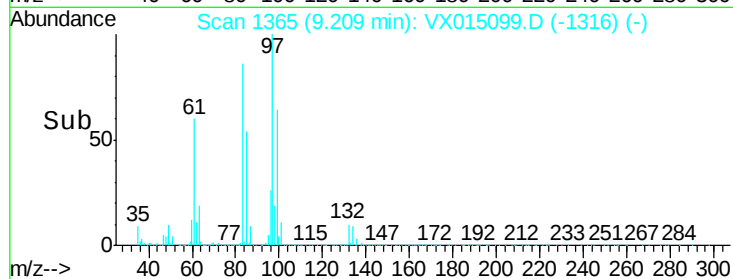
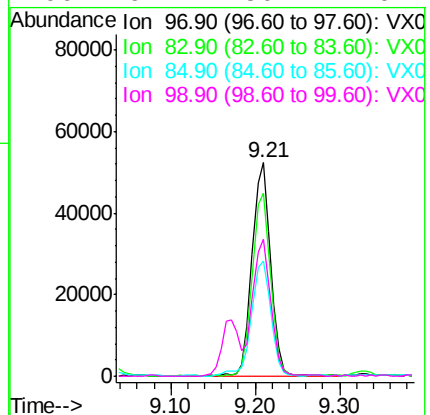
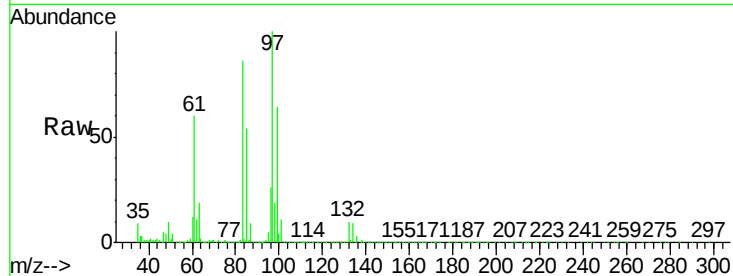
#55
 1,1,2-Trichloroethane
 Concen: 20.464 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion:	97	Resp:	77322
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.4	99.6
85	53.7	43.5	65.3
99	64.1	50.7	76.1

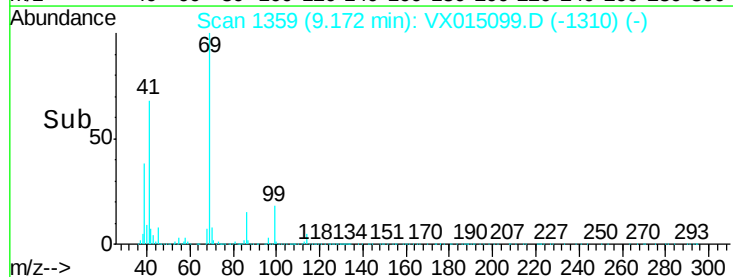
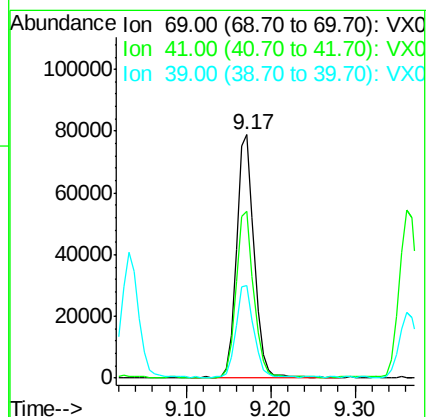
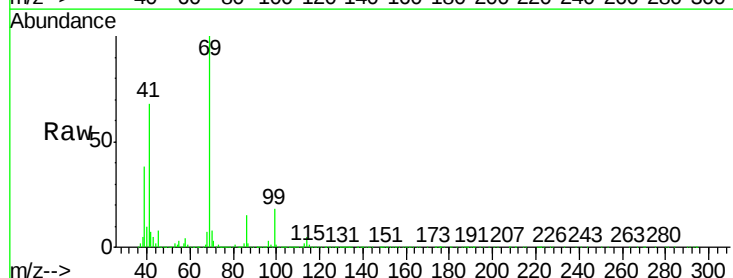
Manual Integrations
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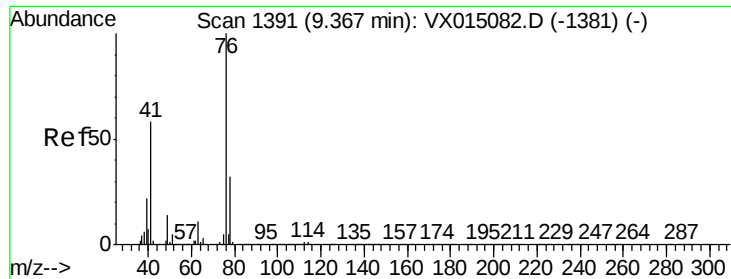
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#56
 Ethyl methacrylate
 Concen: 20.539 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion:	69	Resp:	110694
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.8	83.8
39	38.5	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.401 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 76 Resp: 129684

Ion Ratio Lower Upper

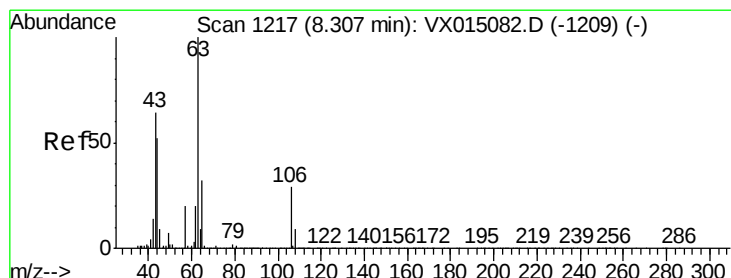
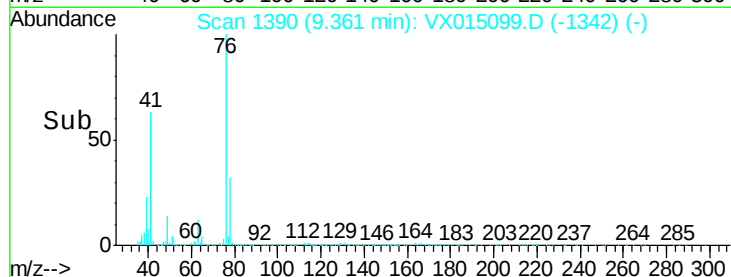
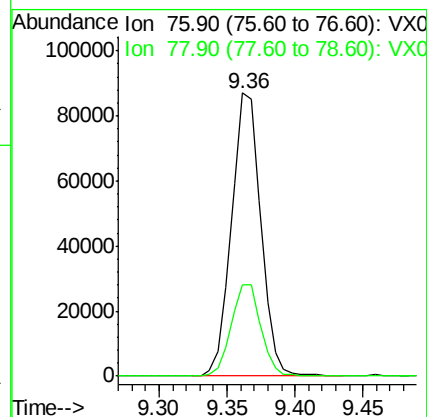
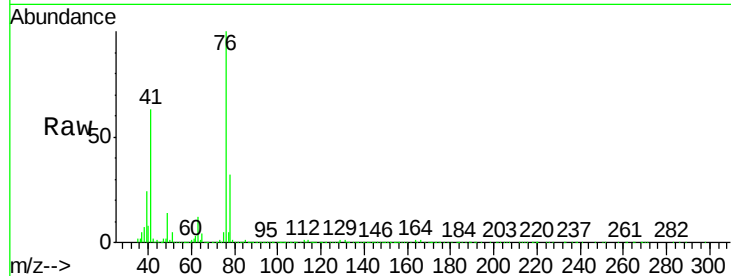
76 100

78 33.0 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 96.875 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015099.D

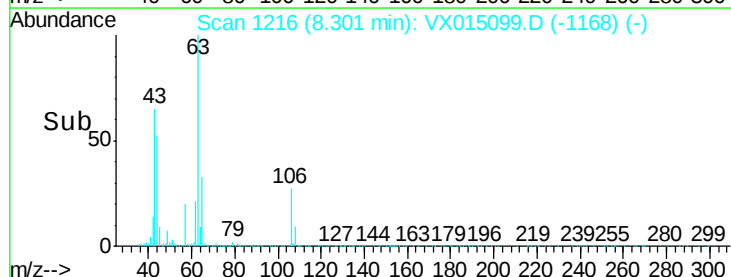
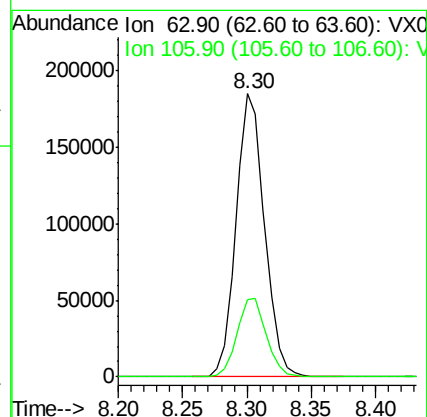
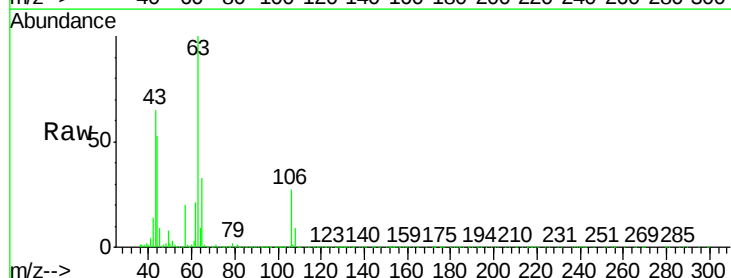
Acq: 05 Mar 2020 10:18

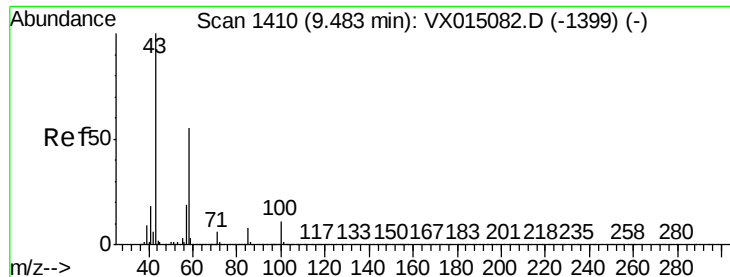
Tgt Ion: 63 Resp: 284427

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2





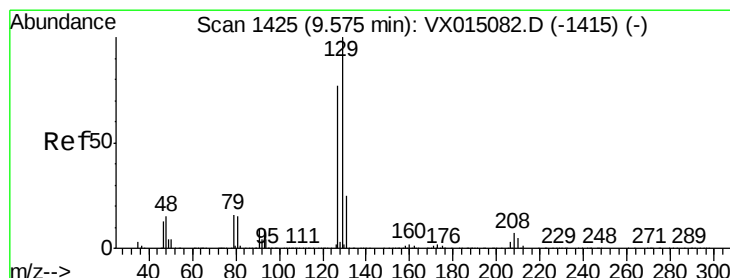
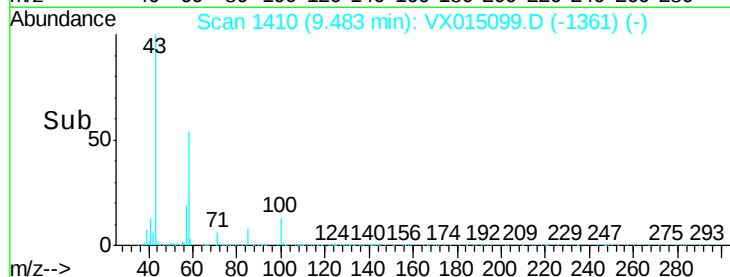
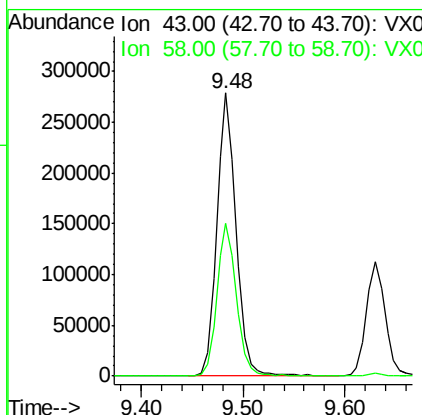
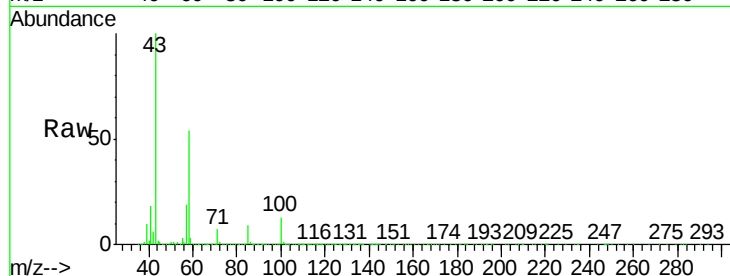
#59
2-Hexanone
Concen: 102.015 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 43 Resp: 369177
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

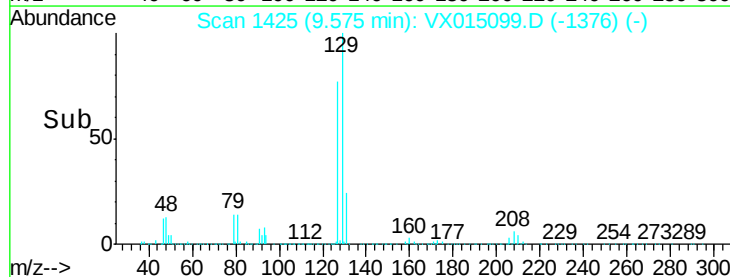
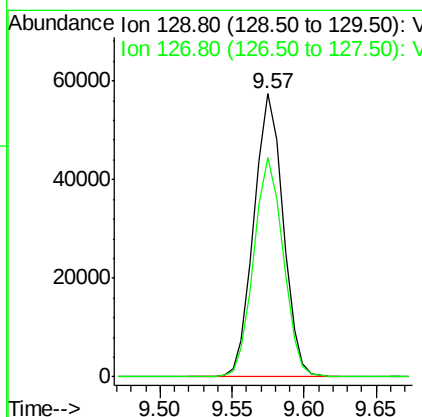
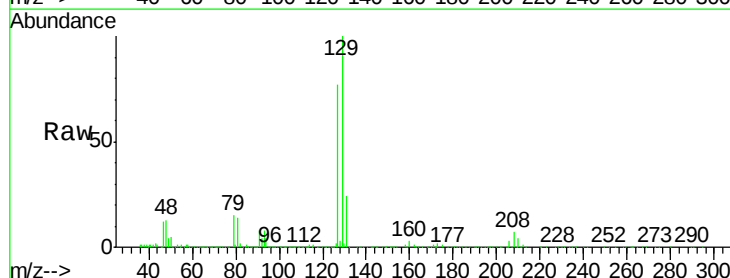
Manual Integrations
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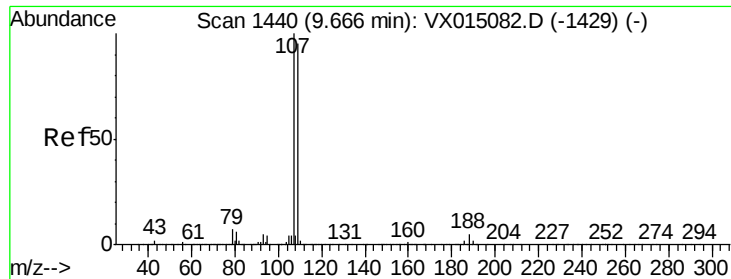
MMDadoda
3/6/2020 4:49:37 PM



#60
Dibromochloromethane
Concen: 20.221 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 129 Resp: 80260
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3





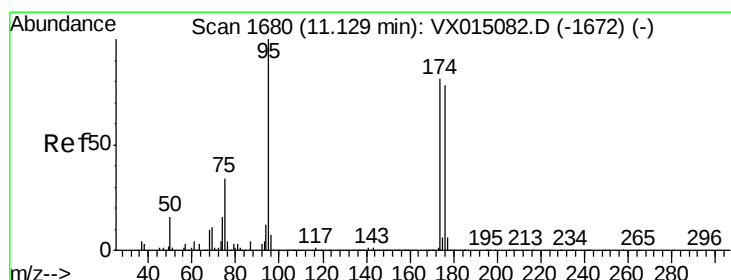
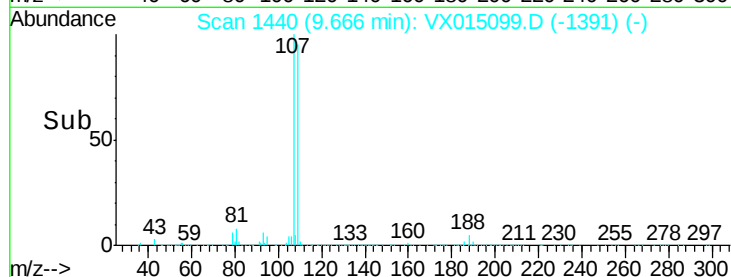
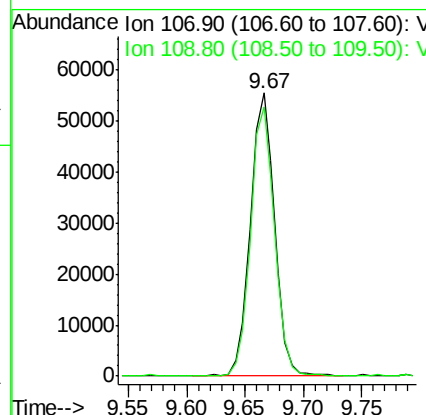
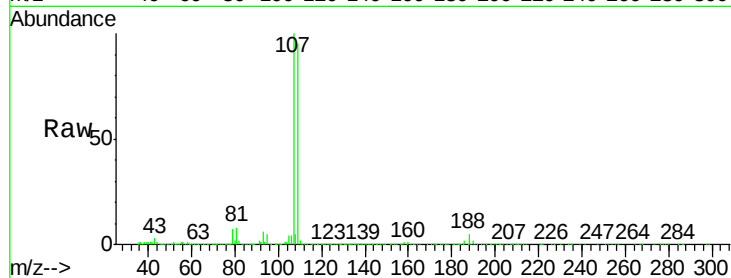
#61
 1,2-Dibromoethane
 Concen: 20.203 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.6	113.4

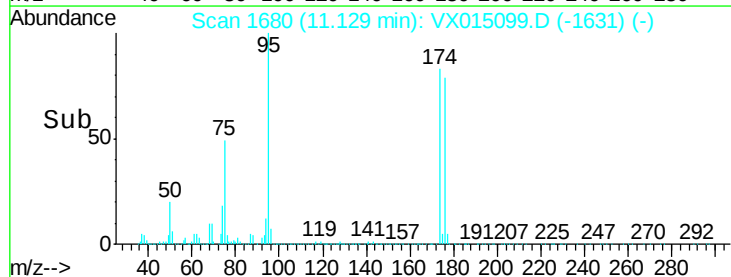
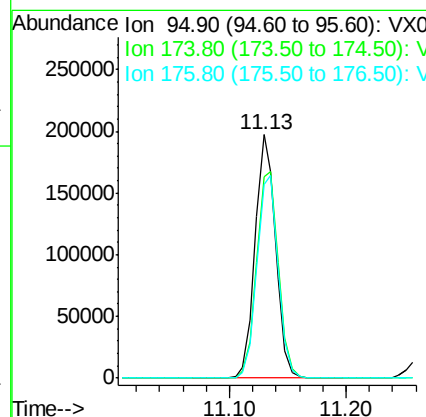
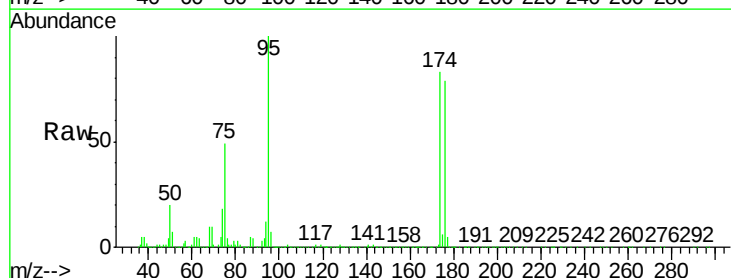
Manual Integrations
 APPROVED

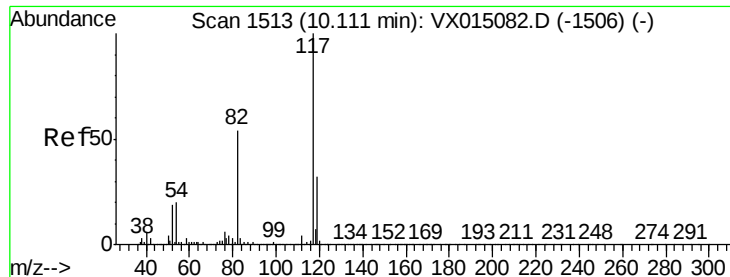
MMDadoda
 3/6/2020 4:49:37 PM



#62
 4-Bromofluorobenzene
 Concen: 51.679 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	177.6
176	86.3	0.0	170.2





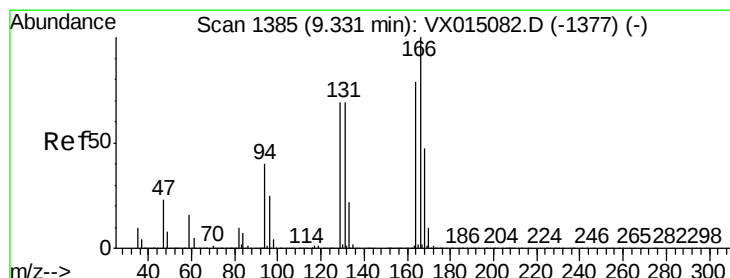
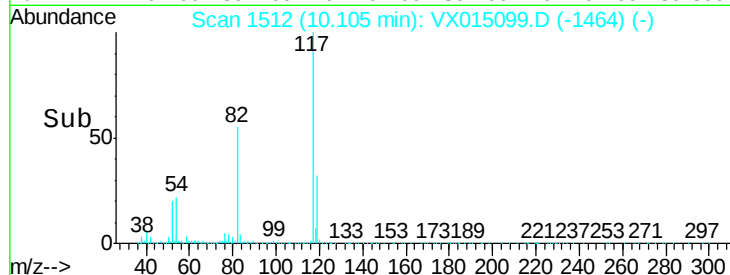
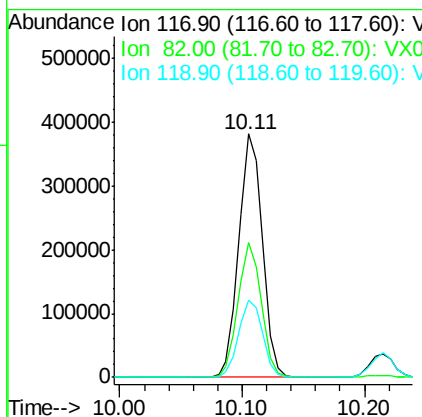
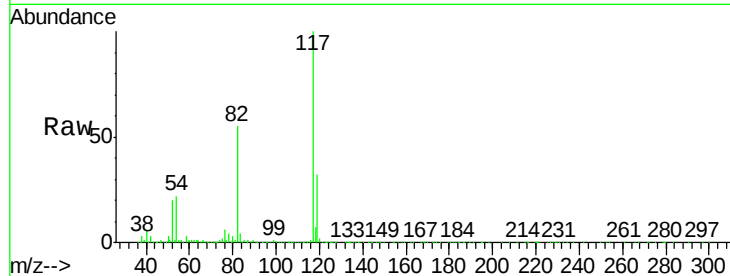
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	31.8	25.8	38.8

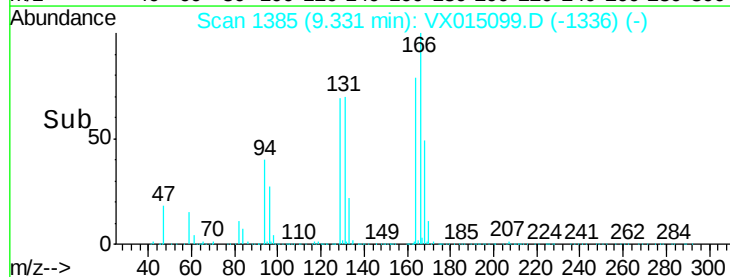
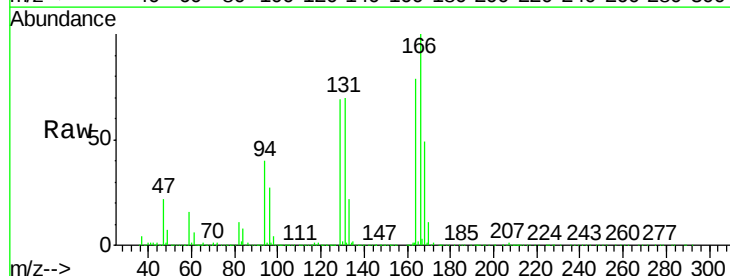
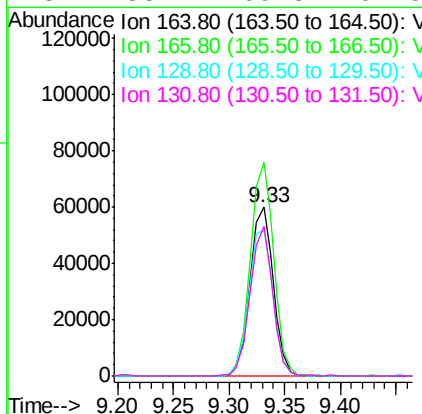
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.953 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.1	151.7
129	86.7	69.4	104.0
131	88.4	69.8	104.8





#65

Chlorobenzene

Concen: 19.704 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:112 Resp: 200285

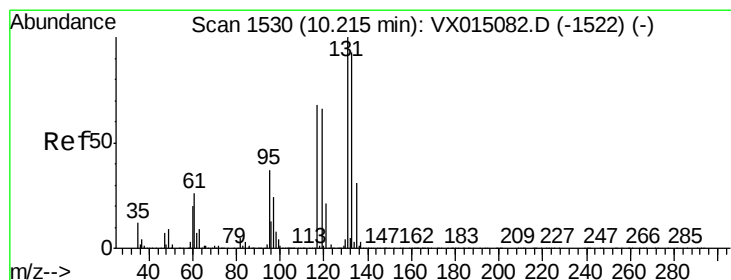
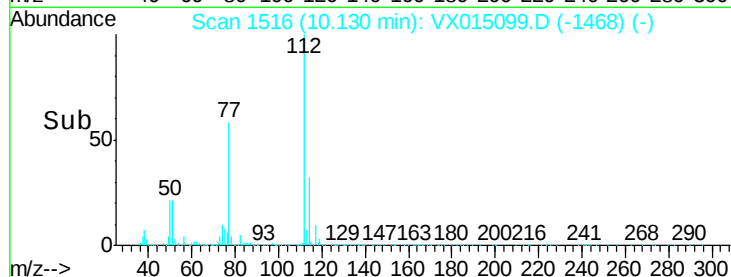
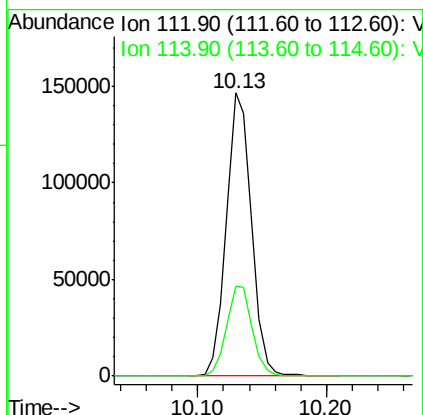
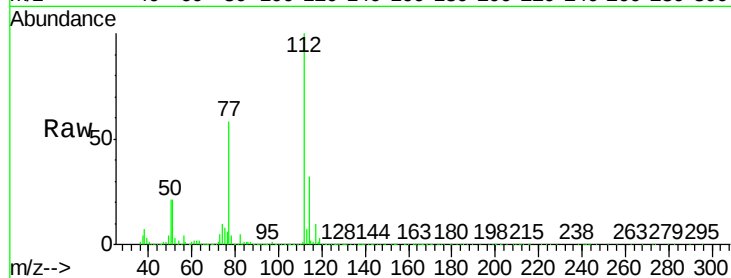
Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.379 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

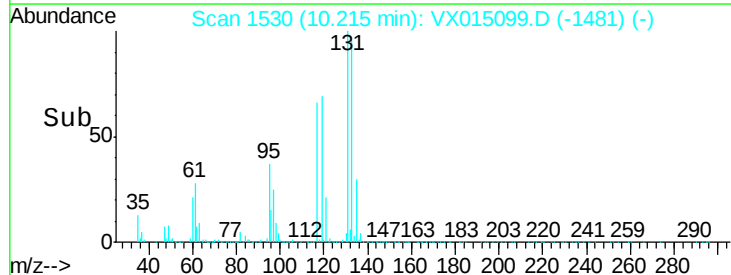
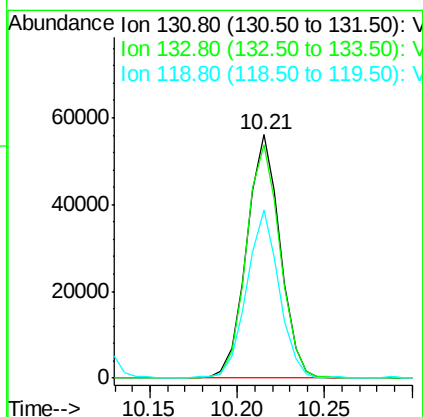
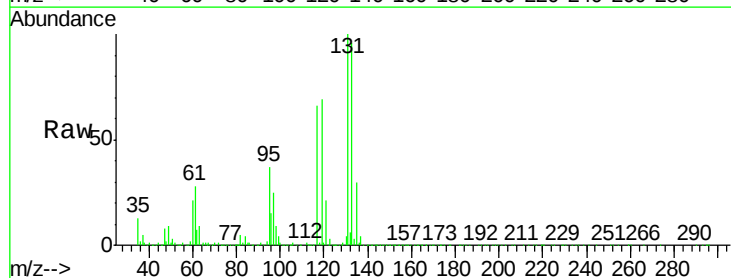
Tgt Ion:131 Resp: 74276

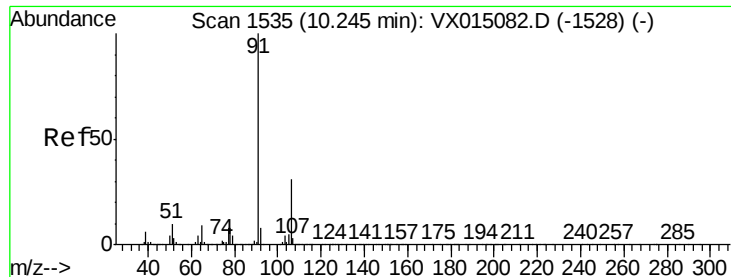
Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.5

119 66.8 33.4 100.1





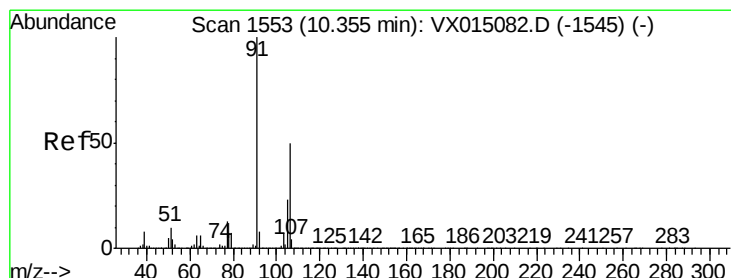
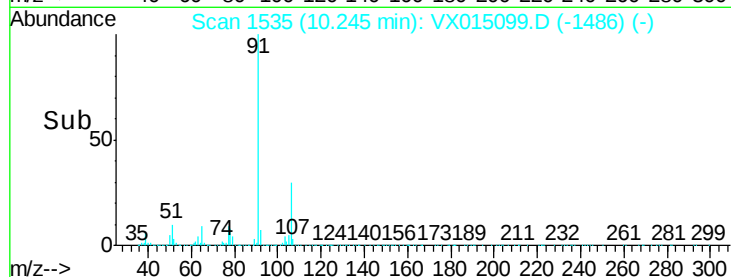
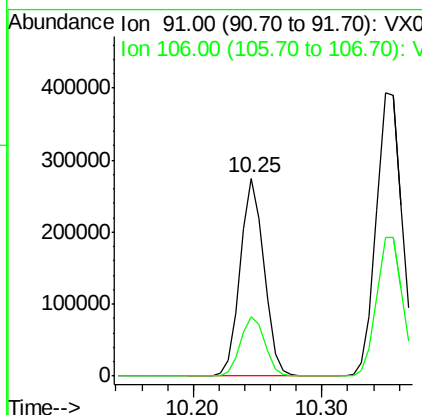
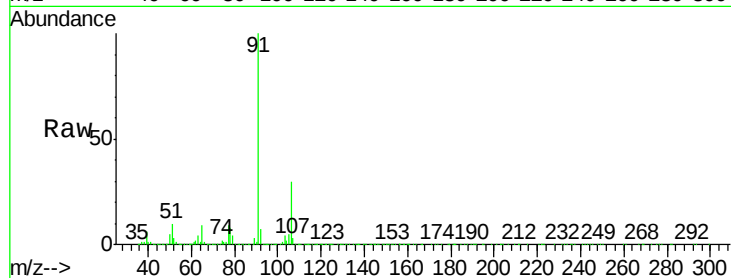
#67
Ethyl Benzene
Concen: 20.398 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 91 Resp: 352069
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

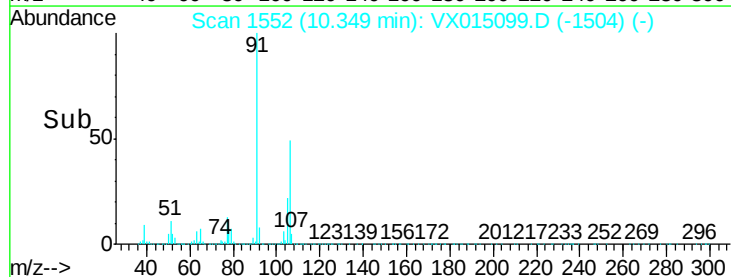
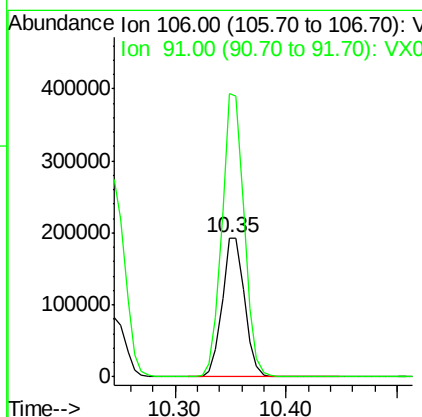
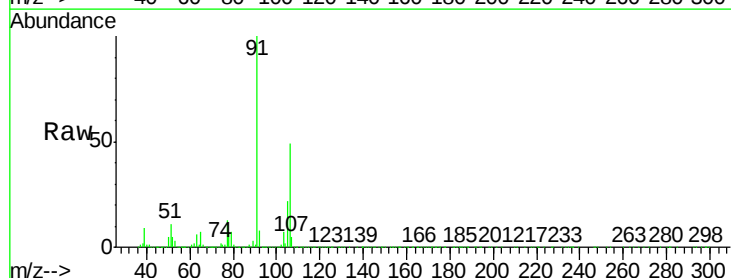
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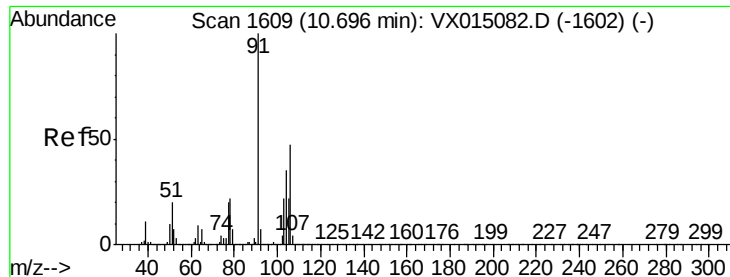
MMDadoda
3/6/2020 4:49:37 PM



#68
m/p-Xylenes
Concen: 40.616 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion: 106 Resp: 266726
Ion Ratio Lower Upper
106 100
91 203.3 159.4 239.2





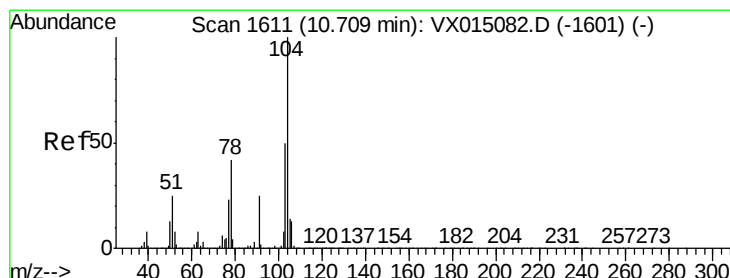
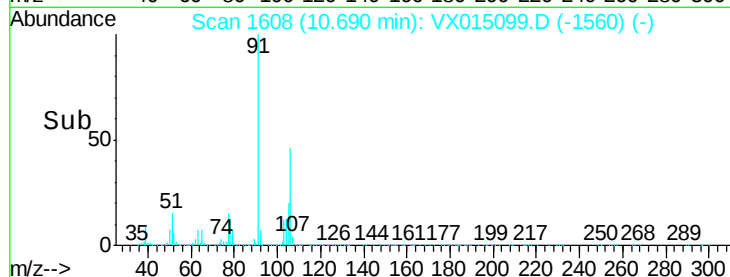
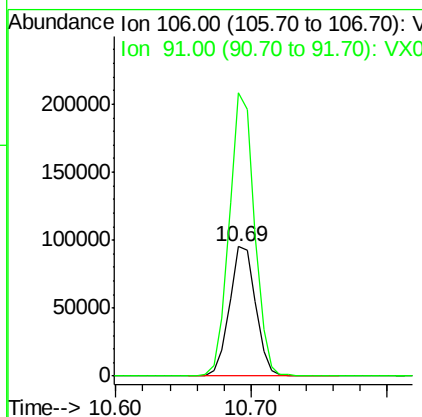
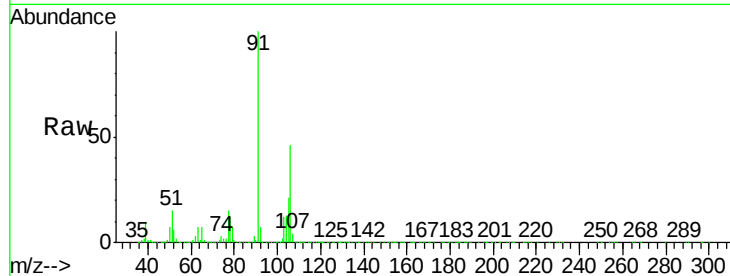
#69
o-Xylene
Concen: 20.137 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	126610		
91	211.2	105.4	316.1	

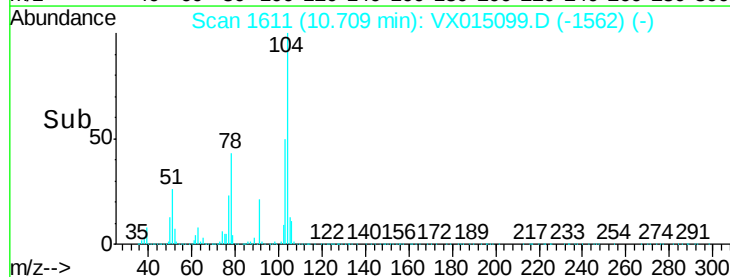
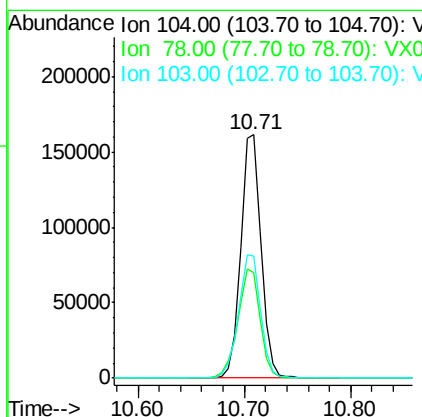
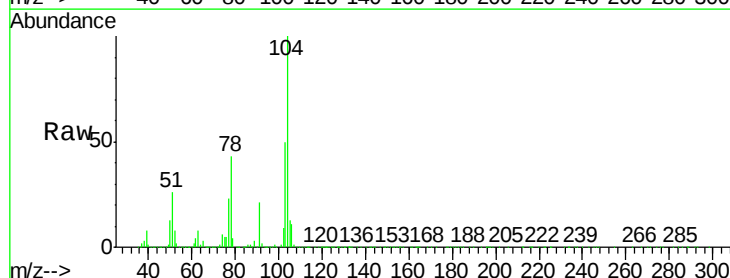
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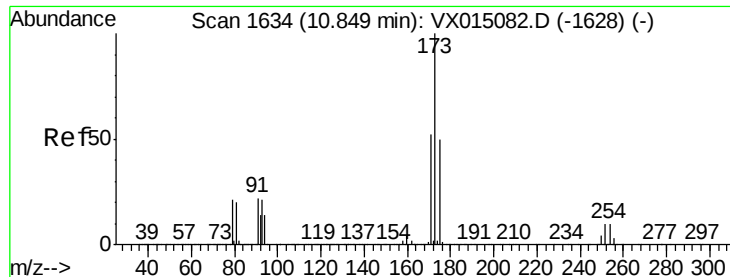
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#70
Styrene
Concen: 20.146 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	217180		
78	49.0	39.0	58.4	
103	54.9	43.7	65.5	





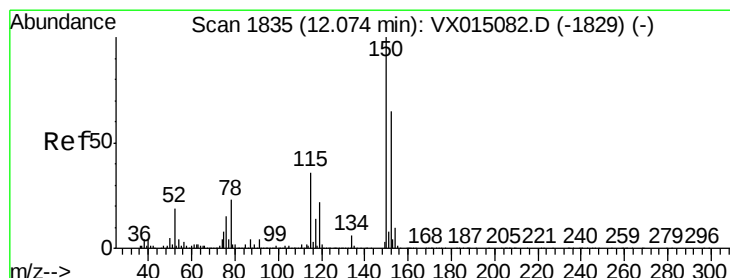
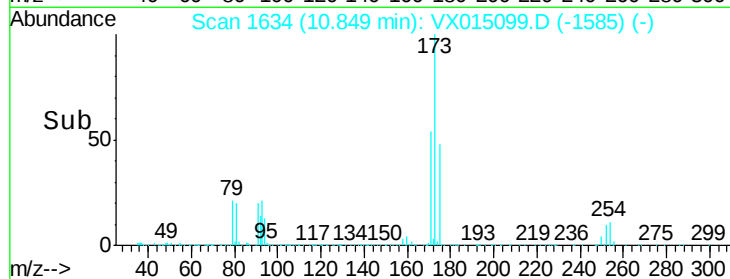
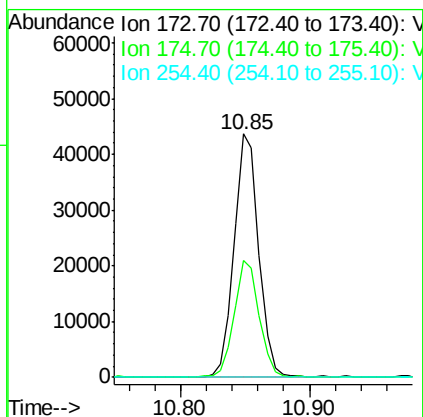
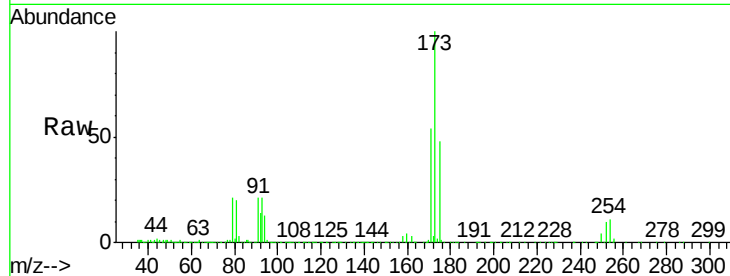
#71
Bromoform
Concen: 19.621 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.7
254	0.1	0.2	0.2

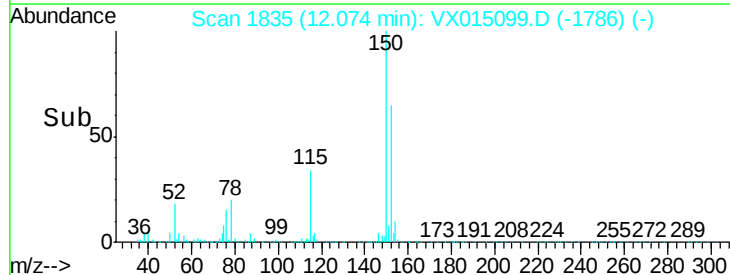
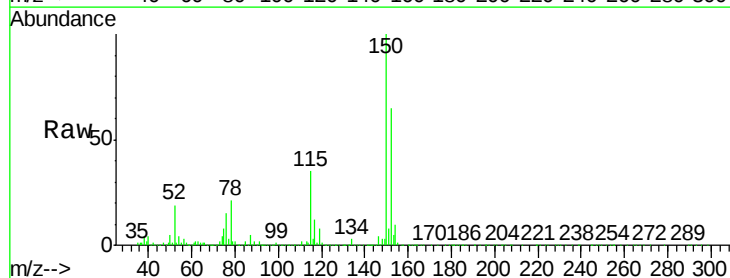
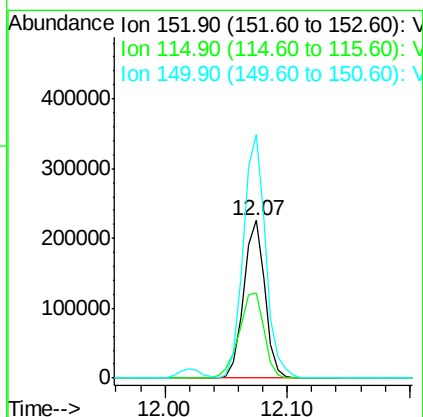
Manual Integrations
APPROVED

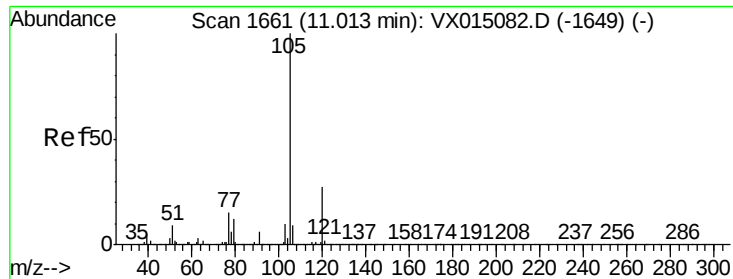
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	38.2	114.6
150	162.0	0.0	343.8





#73

Isopropylbenzene

Concen: 19.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 105 Resp: 343398

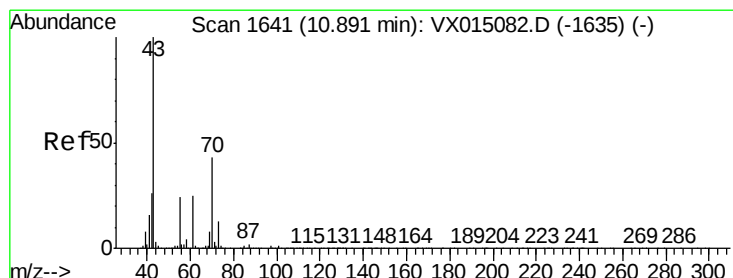
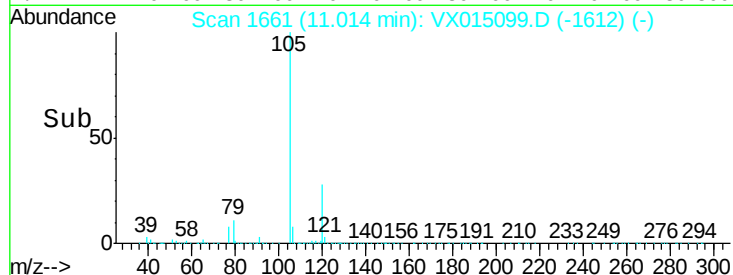
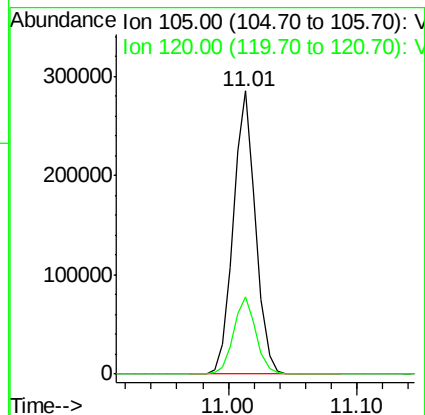
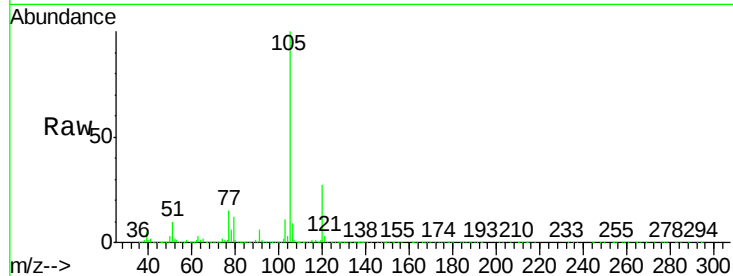
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.272 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion: 43 Resp: 139601

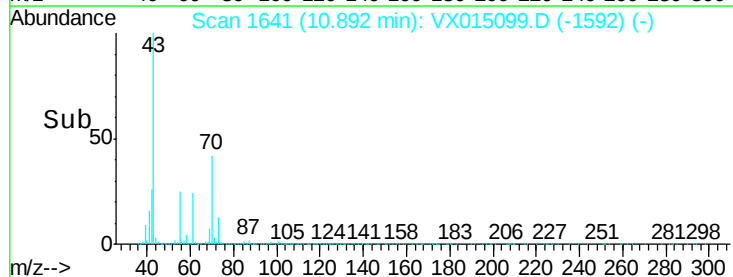
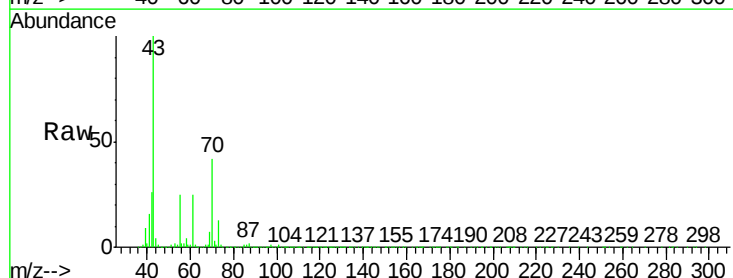
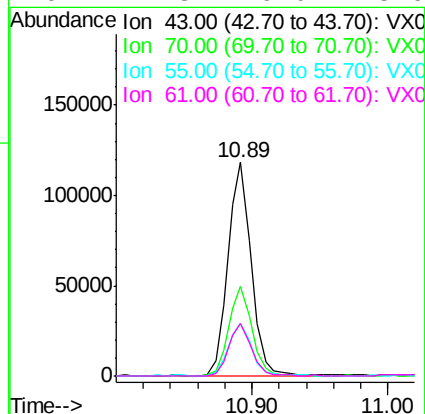
Ion Ratio Lower Upper

43 100

70 42.7 34.7 52.1

55 24.9 19.4 29.0

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.785 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

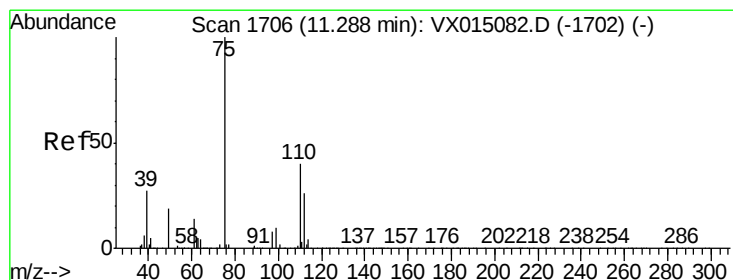
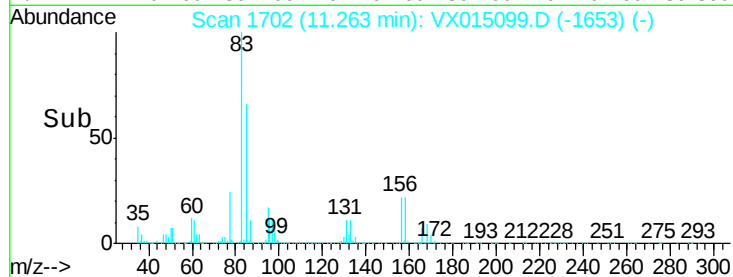
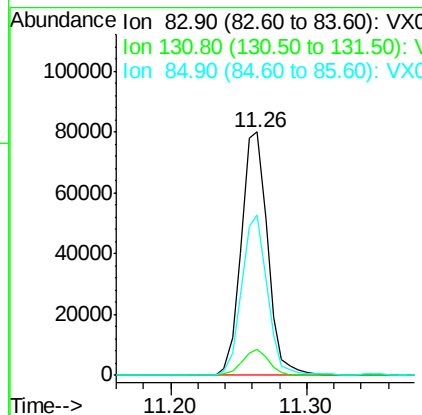
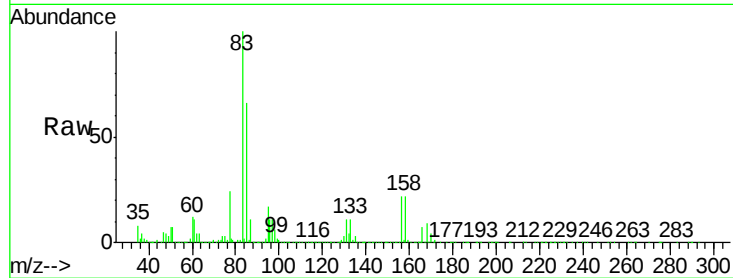
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	107600
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	64.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.294 ug/l m

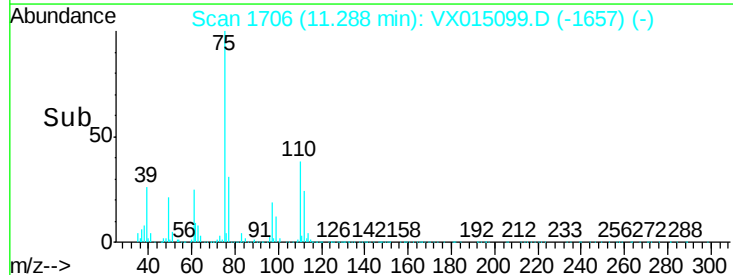
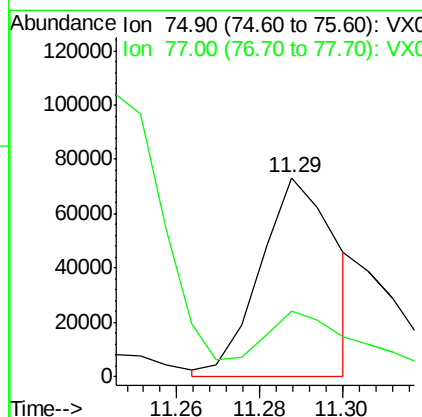
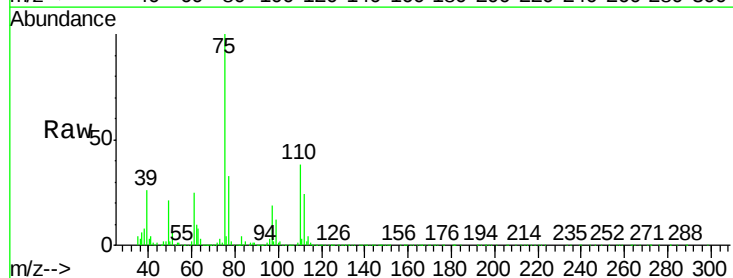
RT: 11.29 min Scan# 1706

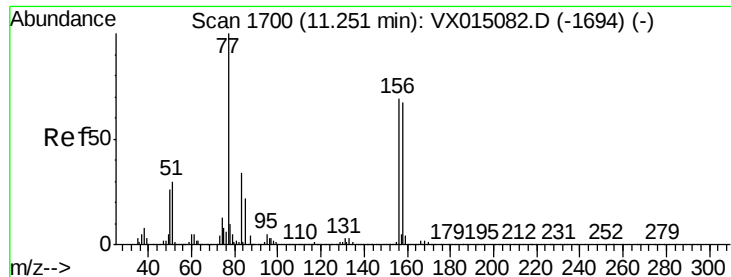
Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	75	Resp:	92816
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.6	67.8





#77

Bromobenzene

Concen: 19.419 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

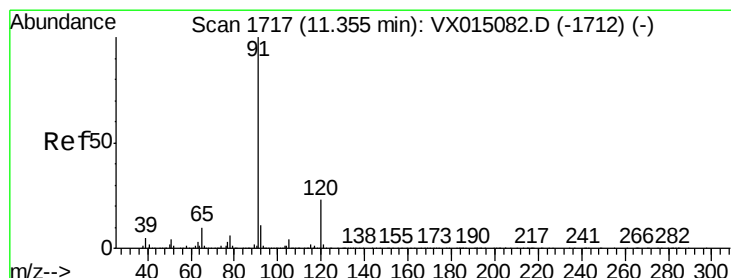
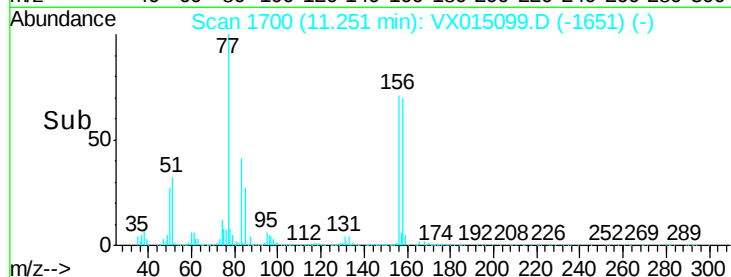
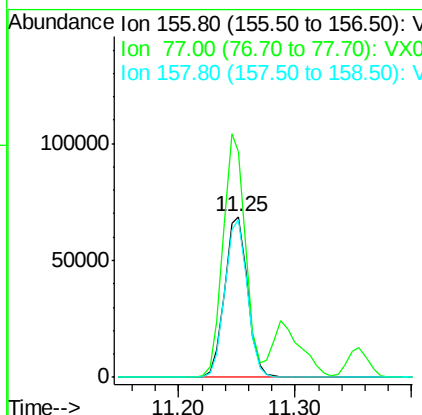
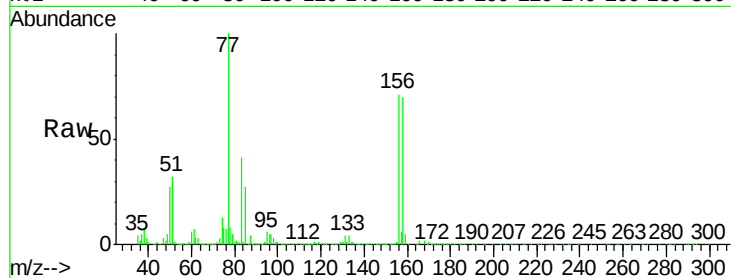
ClientSampleId :

VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.2	75.3	225.9
158	96.1	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.258 ug/l

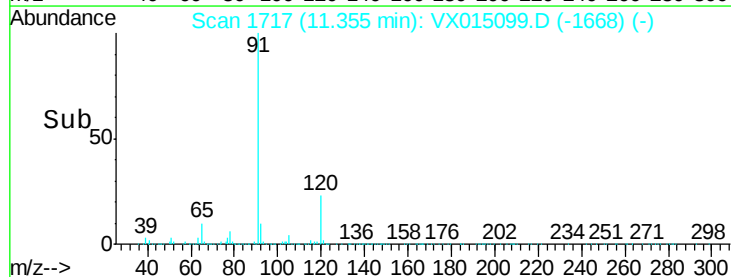
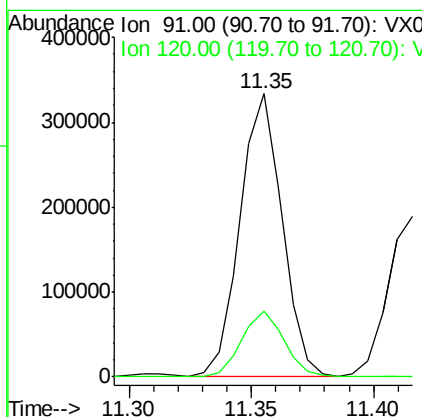
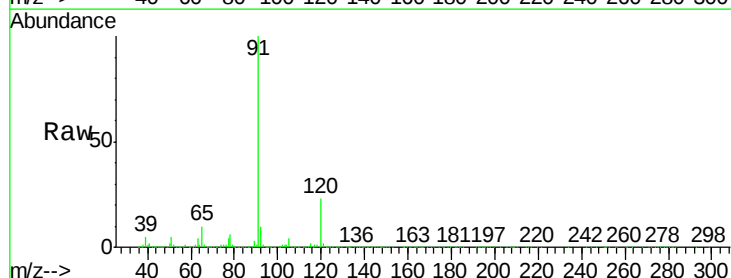
RT: 11.35 min Scan# 1717

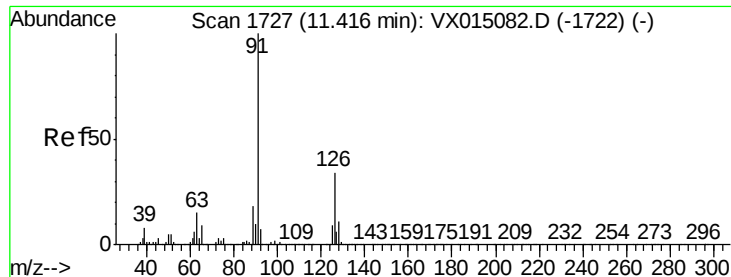
Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.031 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 91 Resp: 234901

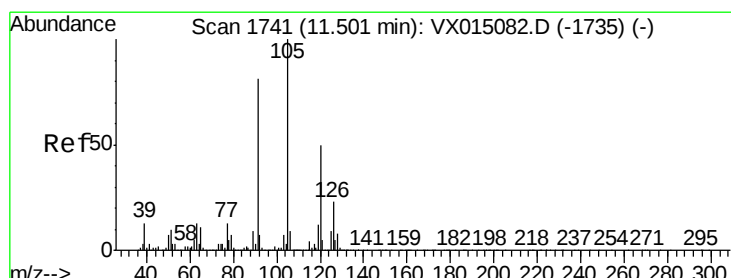
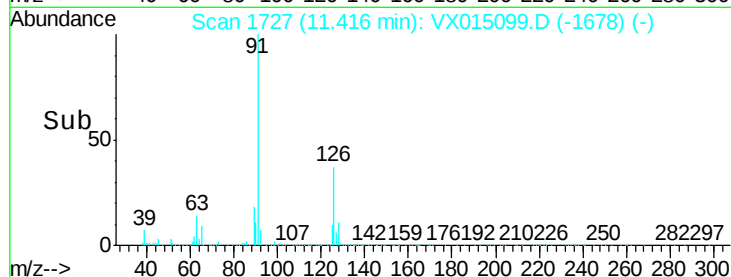
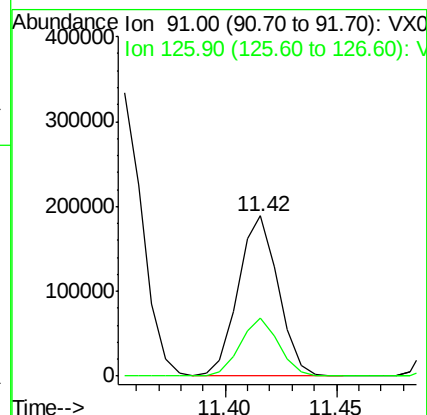
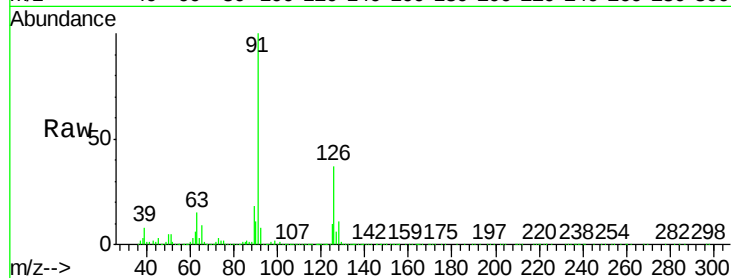
Ion Ratio Lower Upper

91 100

126 35.1 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.013 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015099.D

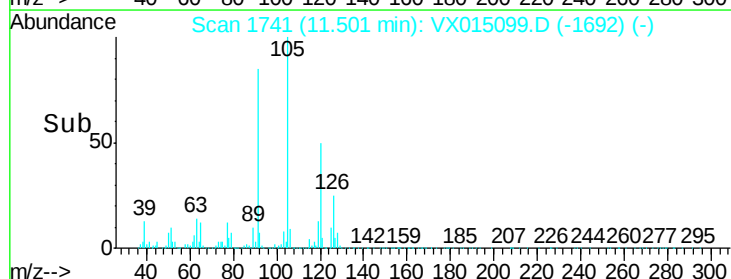
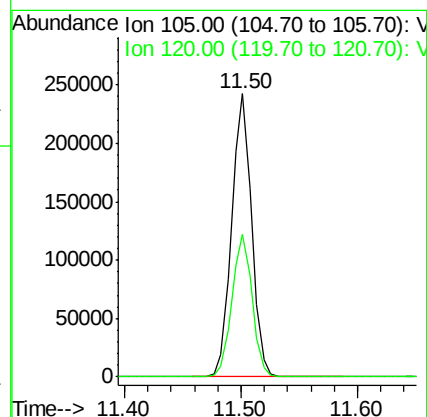
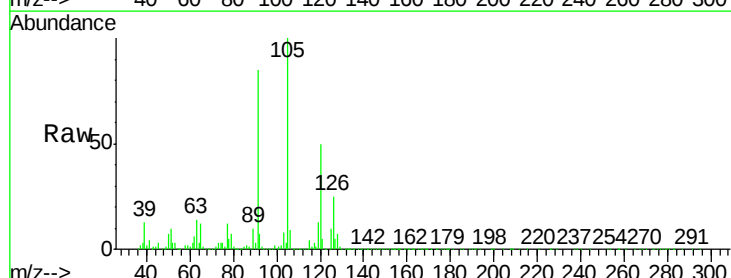
Acq: 05 Mar 2020 10:18

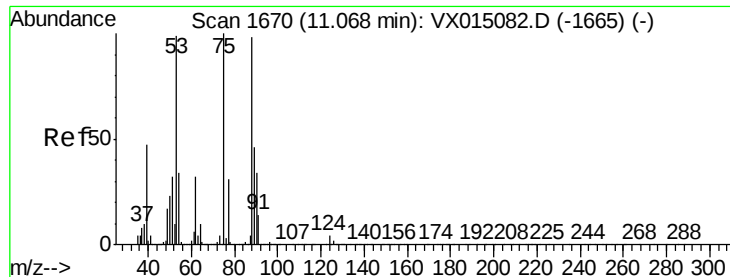
Tgt Ion: 105 Resp: 286357

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.672 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

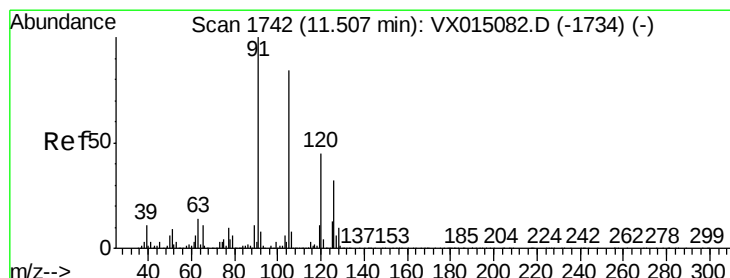
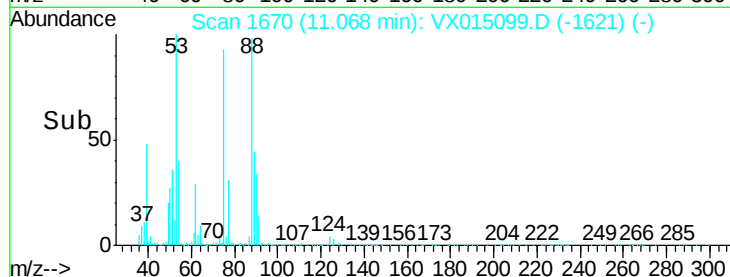
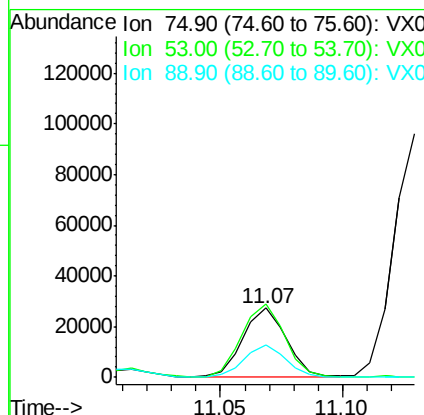
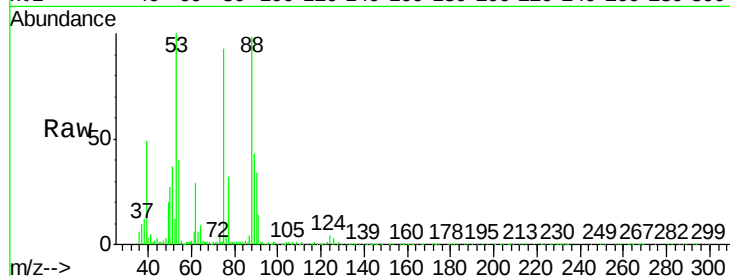
ClientSampleId :

VX0305WBSD01

Tot Ion:	75	Resp:	33419
Ion Ratio	Lower	Upper	
75	100		
53	105.6	77.9	116.9
89	47.6	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.852 ug/l

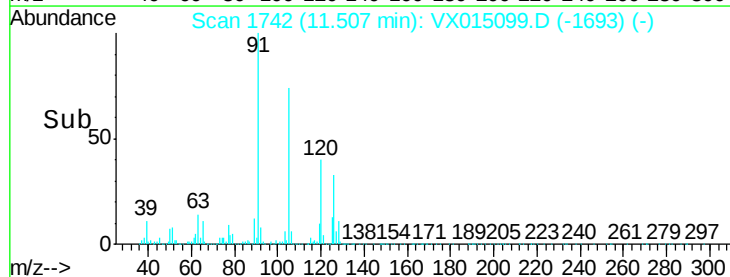
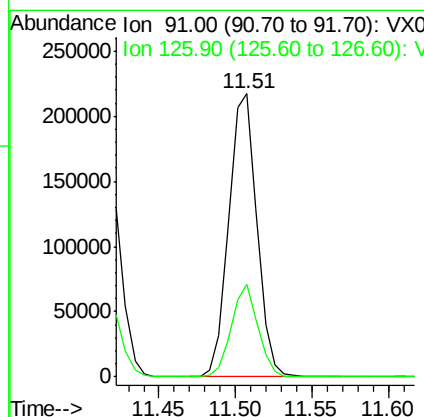
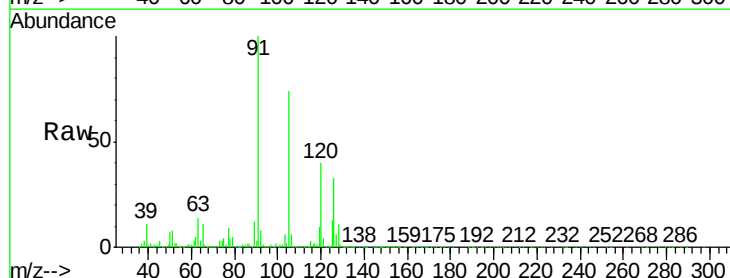
RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion:	91	Resp:	275039
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.4	46.2





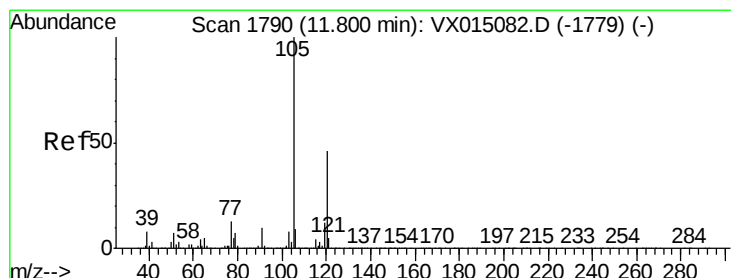
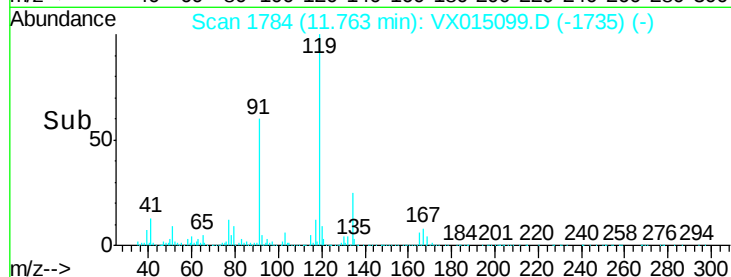
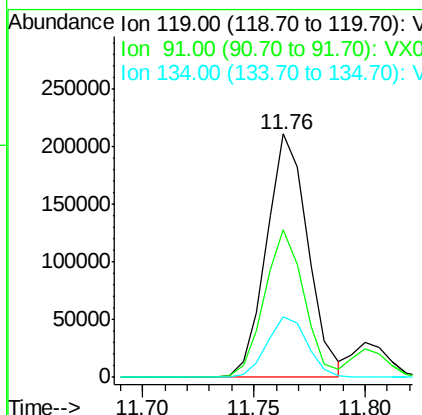
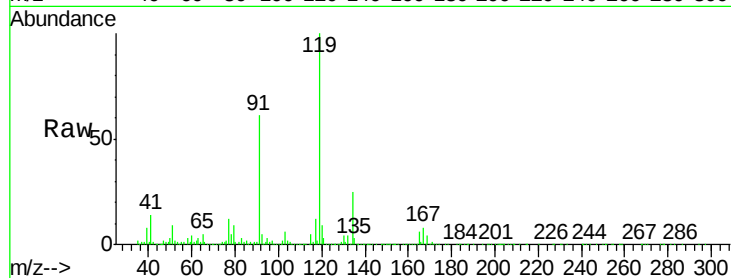
#83
tert-Butylbenzene
Concen: 19.698 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.5	85.6
134	24.5	11.9	35.7

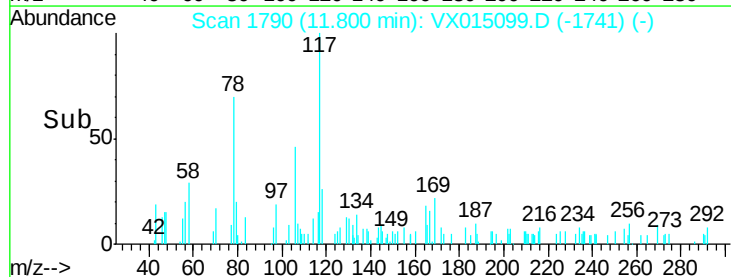
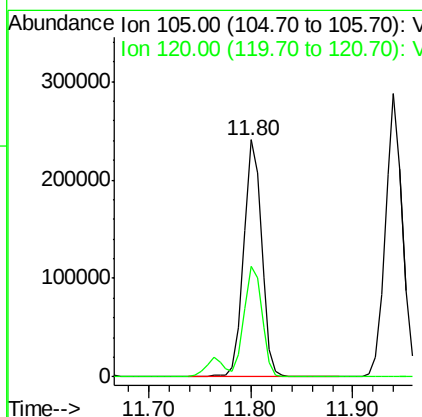
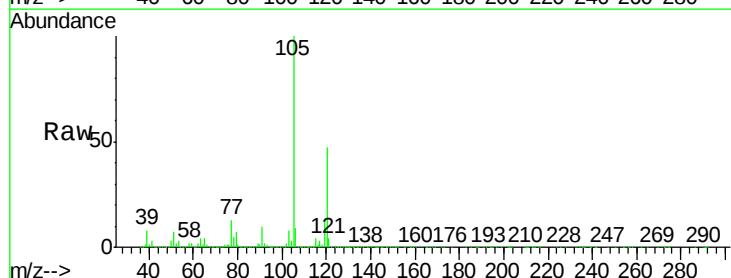
Manual Integrations
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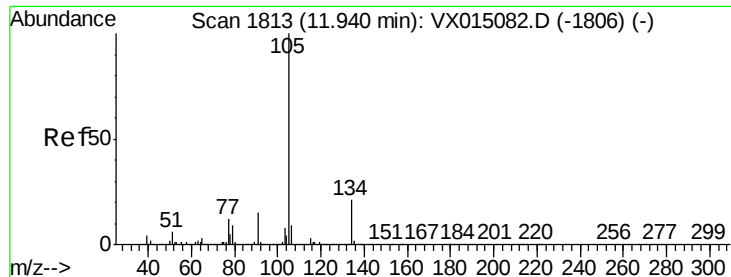
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#84
1,2,4-Trimethylbenzene
Concen: 20.384 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.230 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:105 Resp: 337866

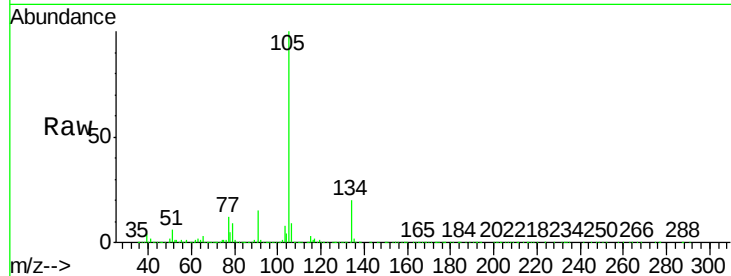
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2

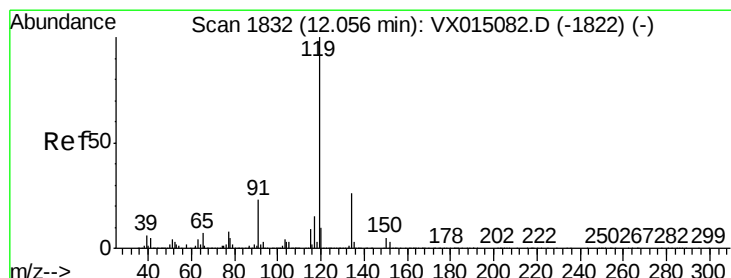
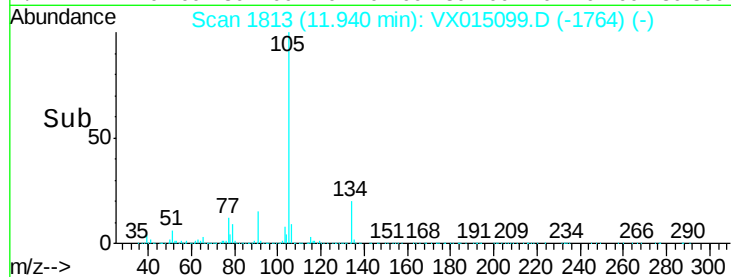
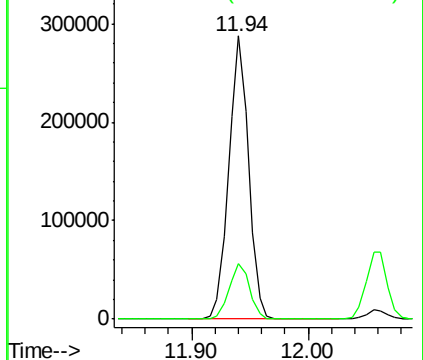
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.312 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

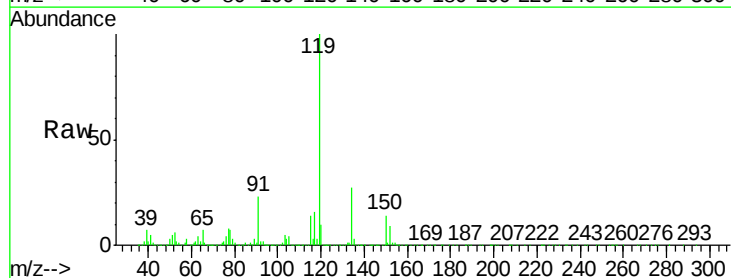
Tgt Ion:119 Resp: 312538

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

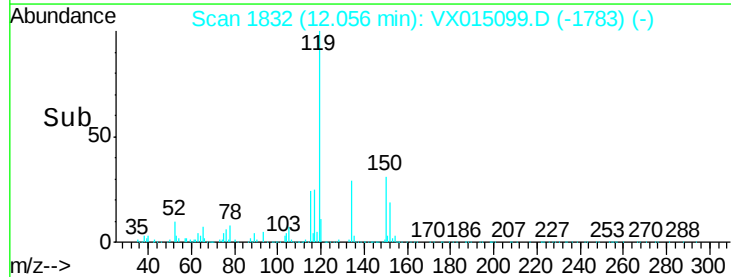
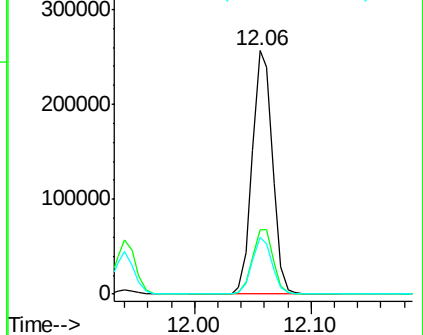
91 22.8 11.3 33.8

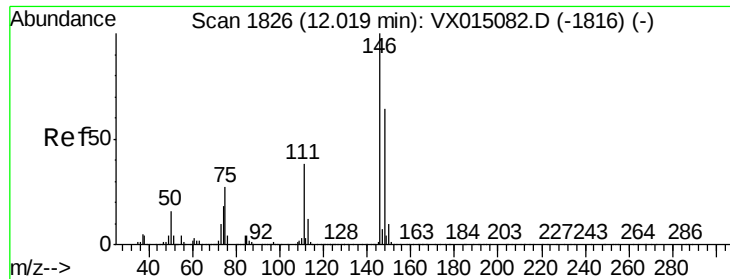


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.613 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

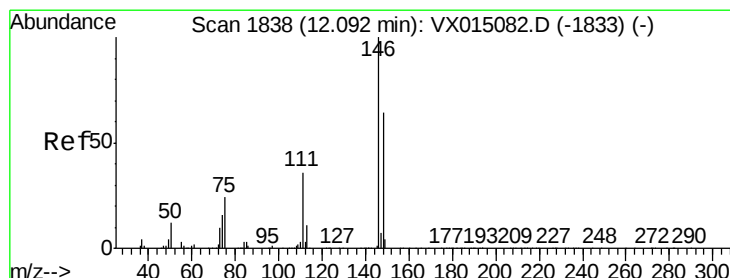
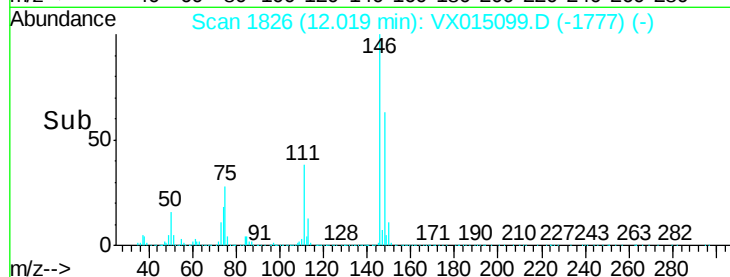
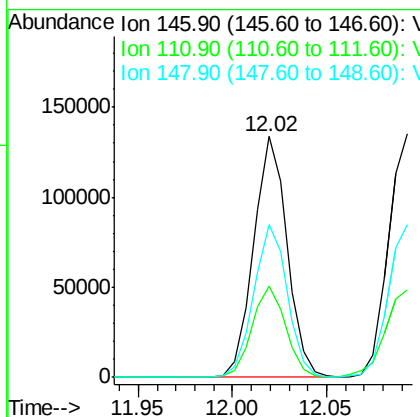
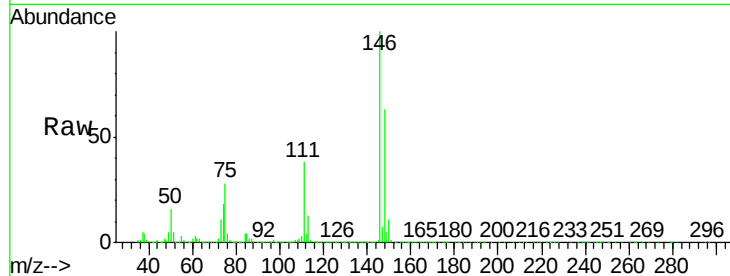
Instrument :
MSVOA_X

ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.1	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.040 ug/l

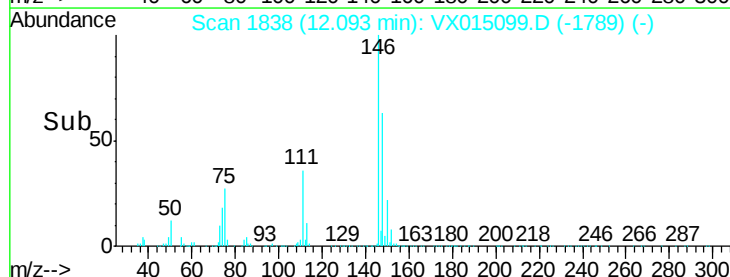
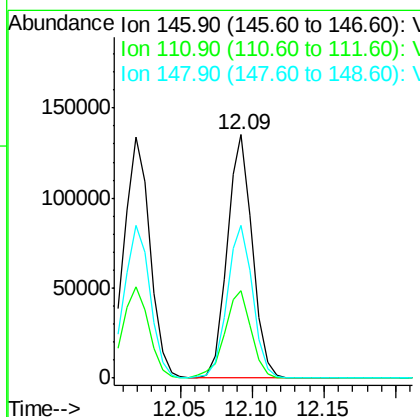
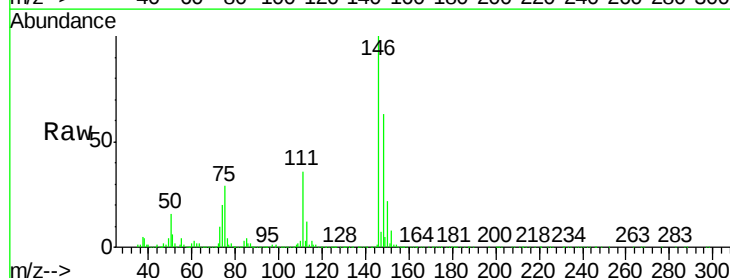
RT: 12.09 min Scan# 1838

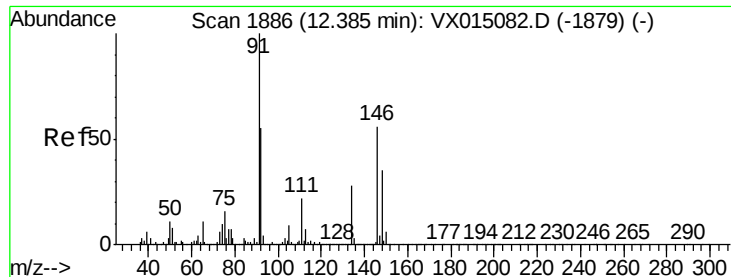
Delta R.T. 0.00 min

Lab File: VX015099.D

Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.1	32.5	97.4





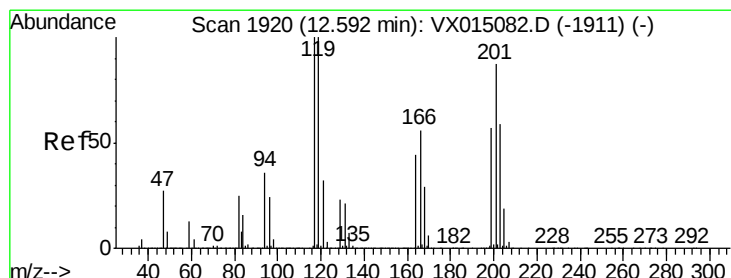
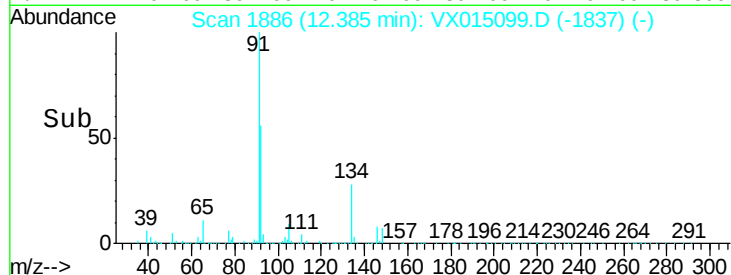
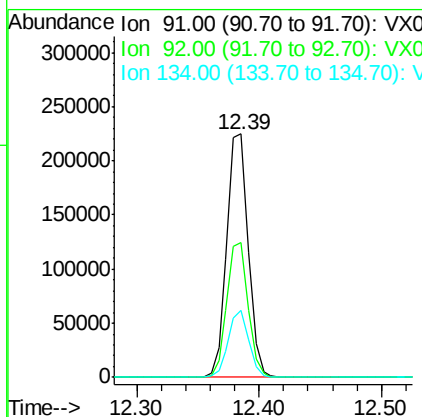
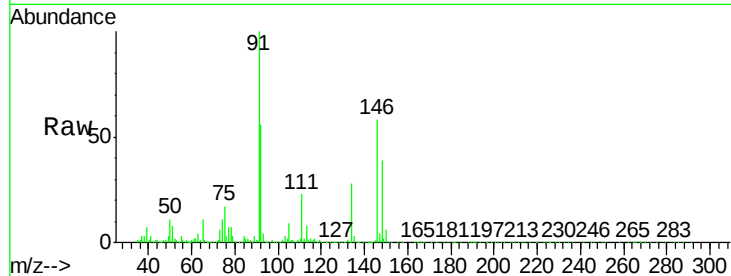
#89
n-Butylbenzene
Concen: 19.891 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.6
134	26.5	13.5	40.5

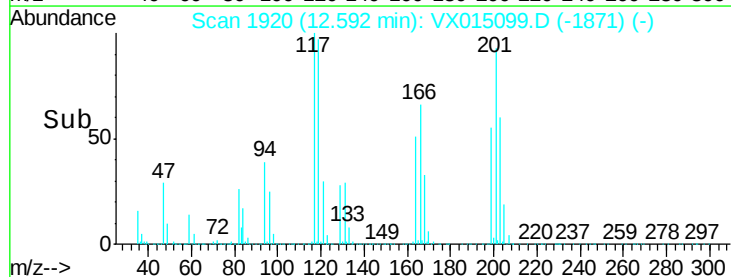
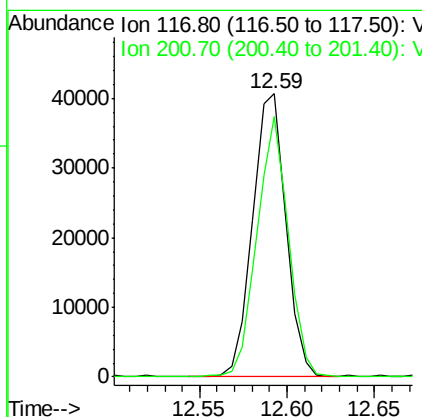
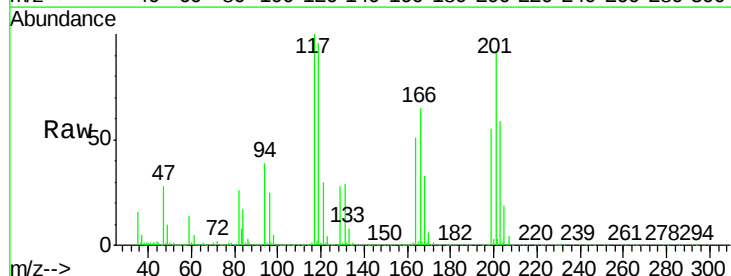
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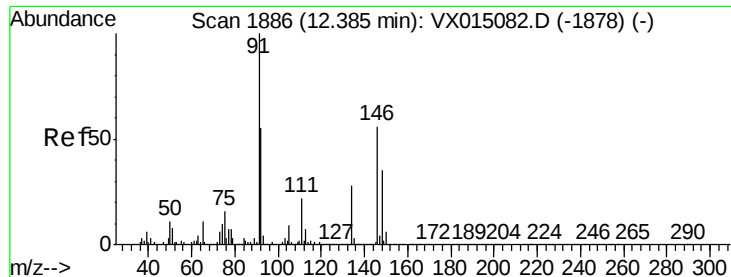
MMDadoda
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#90
Hexachloroethane
Concen: 18.600 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.5	130.7





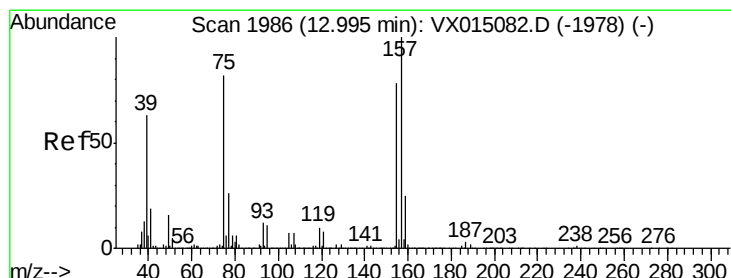
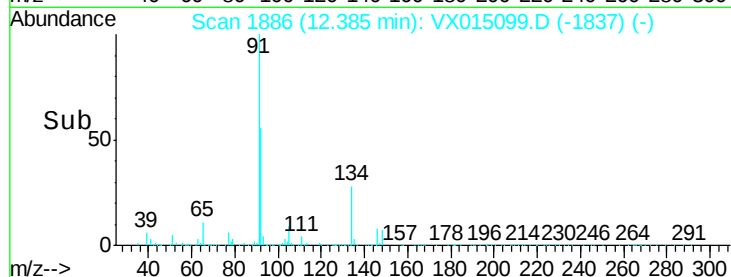
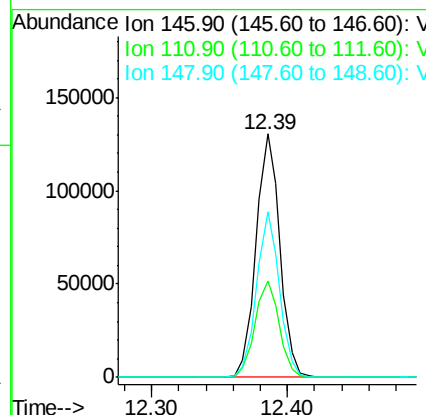
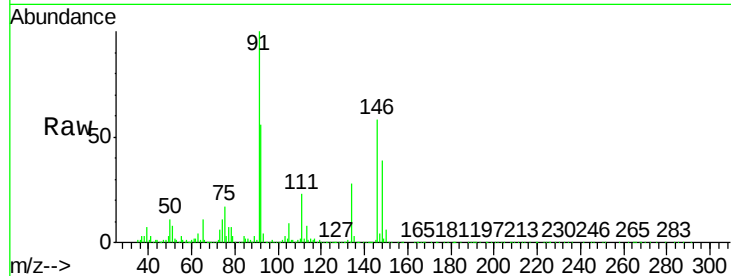
#91
 1,2-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.9	59.7
148	65.2	32.3	96.8

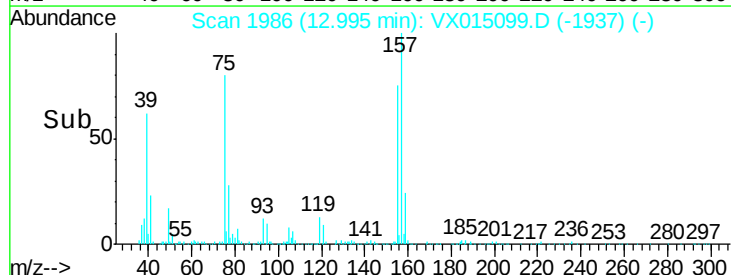
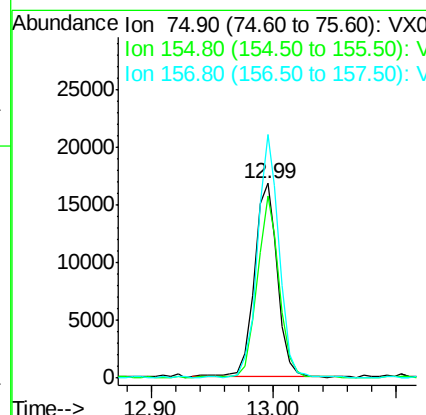
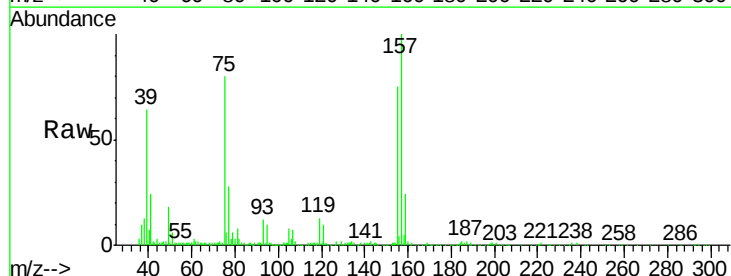
Manual Integrations
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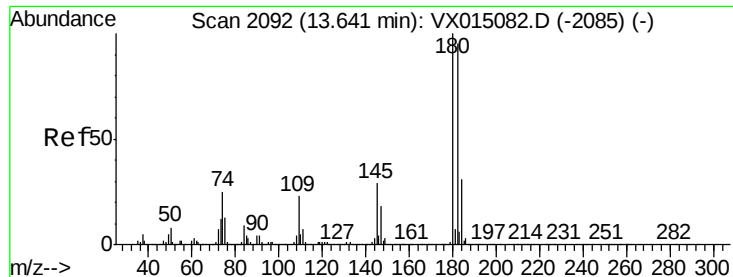
MMDadoda
 3/6/2020 4:49:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.365 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	46.6	139.7
157	117.4	59.2	177.5





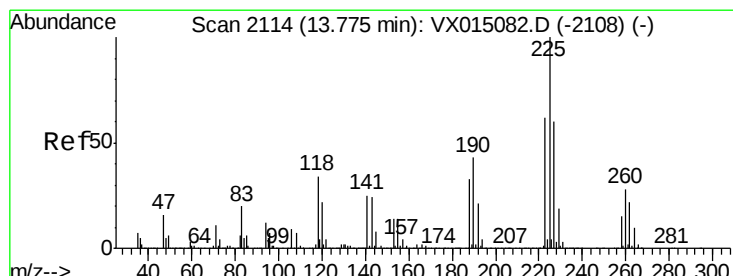
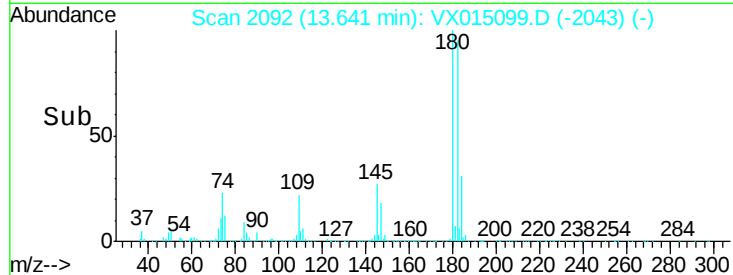
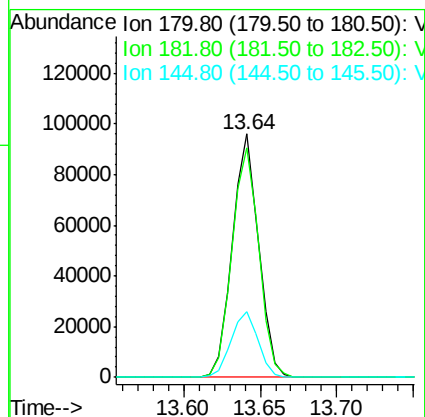
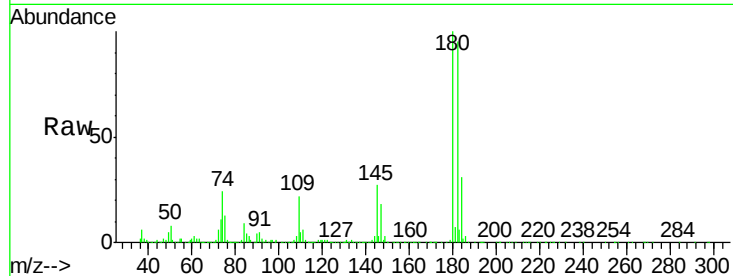
#93
 1,2,4-Trichlorobenzene
 Concen: 19.692 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.6	142.8
145	28.2	14.1	42.2

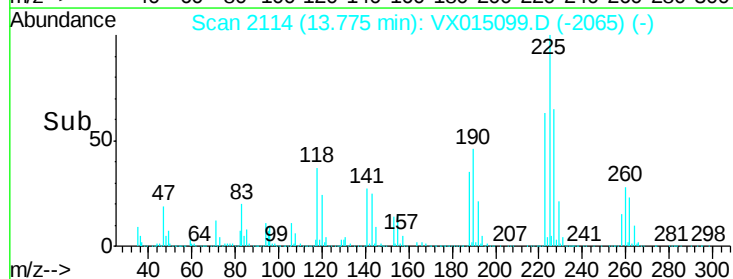
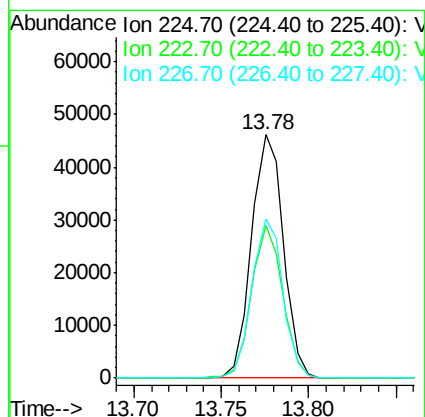
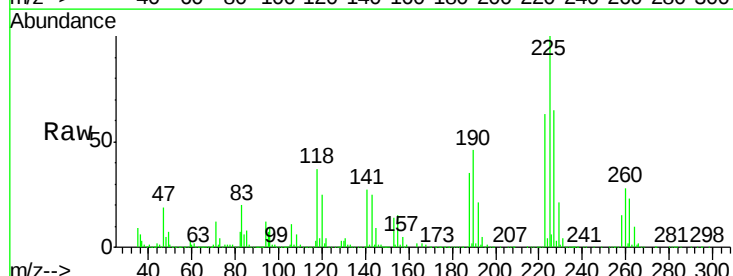
Manual Integrations
 APPROVED

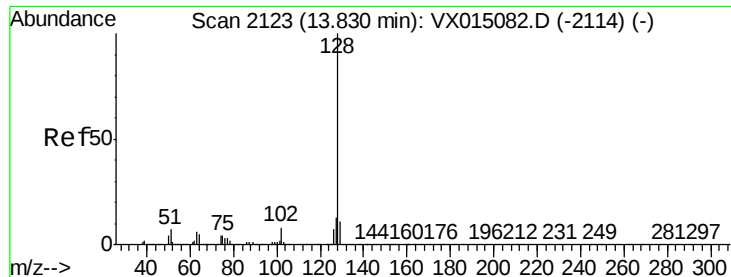
MMDadoda
 3/6/2020 4:49:37 PM



#94
 Hexachlorobutadiene
 Concen: 19.600 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015099.D
 Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.9
227	64.1	31.1	93.2





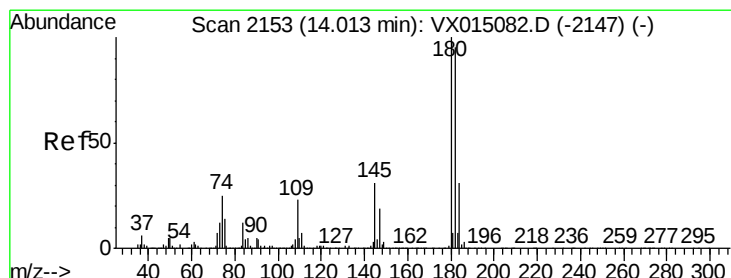
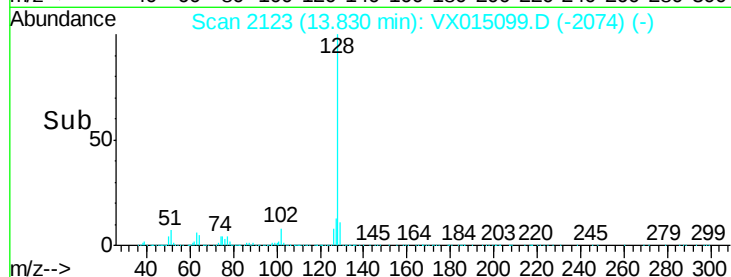
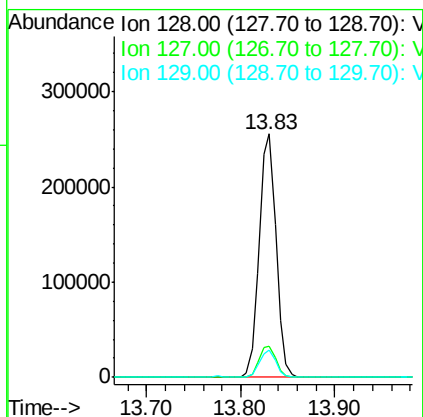
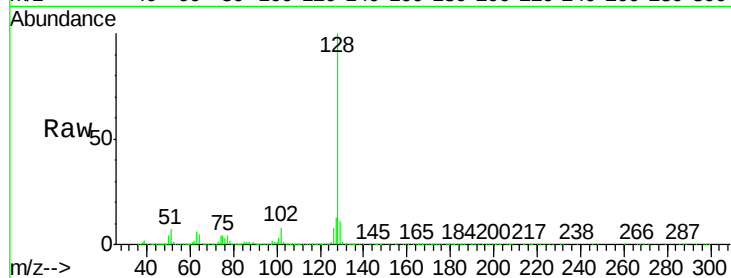
#95
Naphthalene
Concen: 18.845 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/6/2020 4:49:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015099.D
Acq: 05 Mar 2020 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	29.5	15.1	45.3

