

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015098.D
 Acq On : 05 Mar 2020 09:48
 Operator : JC/SP
 Sample : VX0305WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:33 PM

Quant Time: Mar 06 03:33:56 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	390529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	586243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	543118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	284193	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	234403	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.48	113	190141	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.71	98	735417	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.13	95	258640	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	64780	18.943	ug/l	98
3) Chloromethane	1.32	50	95382	19.690	ug/l	98
4) Vinyl Chloride	1.41	62	95435	19.429	ug/l	98
5) Bromomethane	1.65	94	64182	21.254	ug/l	97
6) Chloroethane	1.73	64	59672	20.252	ug/l	98
7) Trichlorofluoromethane	1.93	101	118085	20.204	ug/l	95
8) Diethyl Ether	2.18	74	51832	19.579	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71893	19.551	ug/l	100
10) Methyl Iodide	2.50	142	71379	17.181	ug/l	98
11) Tert butyl alcohol	3.05	59	77450	96.350	ug/l	98
12) 1,1-Dichloroethene	2.37	96	69779	18.387	ug/l	98
13) Acrolein	2.29	56	61929	81.979	ug/l	100
14) Allyl chloride	2.72	41	123866	18.719	ug/l	97
15) Acrylonitrile	3.14	53	189684	94.752	ug/l	100
16) Acetone	2.44	43	196258	104.597	ug/l	100
17) Carbon Disulfide	2.56	76	189893	18.018	ug/l	99
18) Methyl Acetate	2.76	43	83600	18.222	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	230837	19.465	ug/l	98
20) Methylene Chloride	2.85	84	78967	17.983	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	75930	18.738	ug/l	96
22) Diisopropyl ether	3.84	45	258090	19.576	ug/l	99
23) Vinyl Acetate	3.80	43	1075243	99.218	ug/l	98
24) 1,1-Dichloroethane	3.69	63	140206	19.161	ug/l	99
25) 2-Butanone	4.66	43	271294	98.762	ug/l	98
26) 2,2-Dichloropropane	4.57	77	111224	19.148	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	85874	18.890	ug/l	97
28) Bromochloromethane	5.00	49	66327	19.907	ug/l	97
29) Tetrahydrofuran	5.12	42	166711	94.149	ug/l	99
30) Chloroform	5.20	83	139398	19.546	ug/l	100
31) Cyclohexane	5.57	56	122252	18.731	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	119099	20.146	ug/l	97
36) 1,1-Dichloropropene	5.79	75	102950	18.996	ug/l	98
37) Ethyl Acetate	4.82	43	101571	20.204	ug/l	98
38) Carbon Tetrachloride	5.78	117	99148	19.381	ug/l	99

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Manual Integrations
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MMDadoda
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Quant Time: Mar 06 03:33:56 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	7.46	83	125041	19.759	ug/l	98
40) Benzene	6.13	78	318457	19.806	ug/l	98
41) Methacrylonitrile	5.03	41	55544	18.394	ug/l	97
42) 1,2-Dichloroethane	6.18	62	114511	20.738	ug/l	97
43) Isopropyl Acetate	6.43	43	168077	19.005	ug/l	100
44) Trichloroethene	7.20	130	86655	19.352	ug/l	90
45) 1,2-Dichloropropane	7.51	63	83583	20.083	ug/l	99
46) Dibromomethane	7.65	93	53060	19.566	ug/l	98
47) Bromodichloromethane	7.89	83	106127	19.790	ug/l	97
48) Methyl methacrylate	7.76	41	84281	18.724	ug/l	99
49) 1,4-Dioxane	7.75	88	35382	363.559	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	522487	99.921	ug/l	99
52) Toluene	8.78	92	198157	20.156	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	113564	19.896	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	126488	19.602	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	82233	20.322	ug/l	100
56) Ethyl methacrylate	9.17	69	115429	19.999	ug/l	99
57) 1,3-Dichloropropane	9.36	76	137260	20.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	299245	95.168	ug/l	99
59) 2-Hexanone	9.48	43	391076	100.906	ug/l	98
60) Dibromochloromethane	9.57	129	84312	19.835	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82949	19.516	ug/l	100
64) Tetrachloroethene	9.33	164	89045	19.829	ug/l	96
65) Chlorobenzene	10.13	112	215190	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	79692	19.382	ug/l	99
67) Ethyl Benzene	10.25	91	369782	19.971	ug/l	99
68) m/p-Xylenes	10.35	106	285856	40.578	ug/l	100
69) o-Xylene	10.70	106	136419	20.226	ug/l	100
70) Styrene	10.71	104	234213	20.252	ug/l	100
71) Bromoform	10.85	173	62340	19.552	ug/l #	98
73) Isopropylbenzene	11.01	105	365044	20.108	ug/l	100
74) N-amyl acetate	10.89	43	146256	19.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	116036	19.179	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	110323m	19.461	ug/l	
77) Bromobenzene	11.25	156	95857	18.946	ug/l	99
78) n-propylbenzene	11.35	91	419324	20.217	ug/l	99
79) 2-Chlorotoluene	11.42	91	246874	19.931	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	303083	20.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34083	17.063	ug/l	91
82) 4-Chlorotoluene	11.51	91	289777	19.802	ug/l	99
83) tert-Butylbenzene	11.76	119	287203	19.654	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	311383	20.509	ug/l	100
85) sec-Butylbenzene	11.94	105	357199	20.249	ug/l	98
86) p-Isopropyltoluene	12.06	119	328536	20.214	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174489	19.618	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	174005	18.950	ug/l	100
89) n-Butylbenzene	12.38	91	287394	19.882	ug/l	98
90) Hexachloroethane	12.59	117	57468	18.703	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	170026	19.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24020	19.826	ug/l	96

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

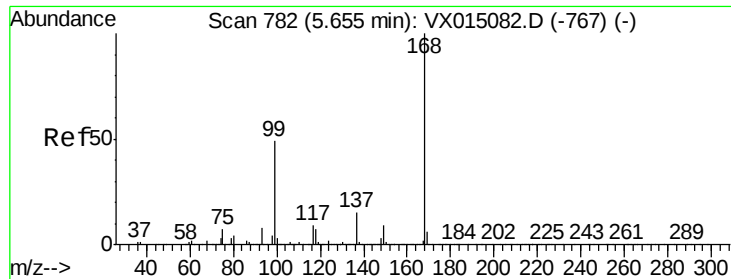
Manual Integrations
APPROVED

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3/6/2020 4:49:33 PM

Quant Time: Mar 06 03:33:56 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	116939	19.051	ug/l	97
94) Hexachlorobutadiene	13.78	225	59921	19.024	ug/l	99
95) Naphthalene	13.83	128	329217	18.424	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	119141	19.454	ug/l	98

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



#1

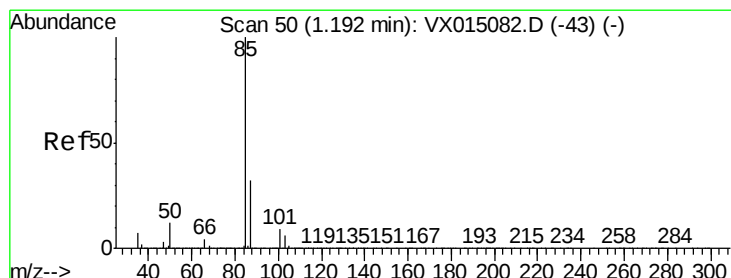
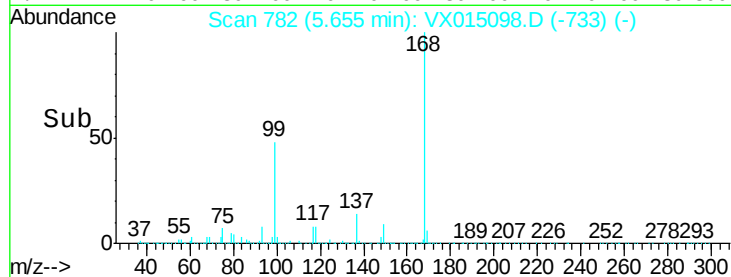
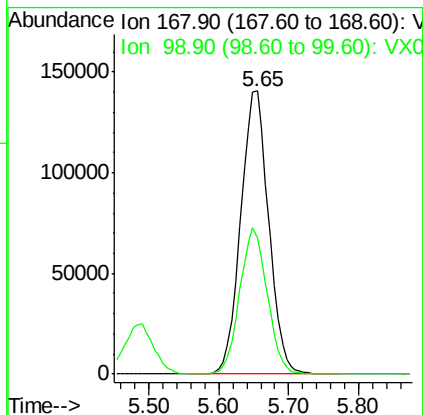
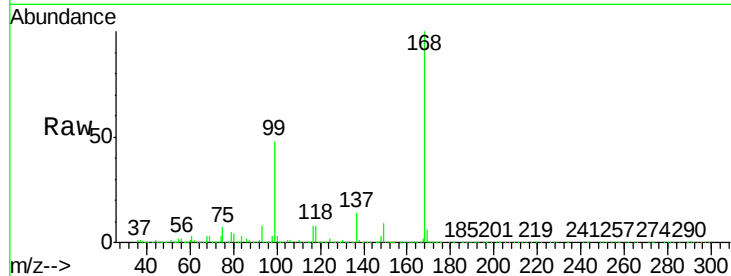
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.2	39.4	59.2

Manual Integrations
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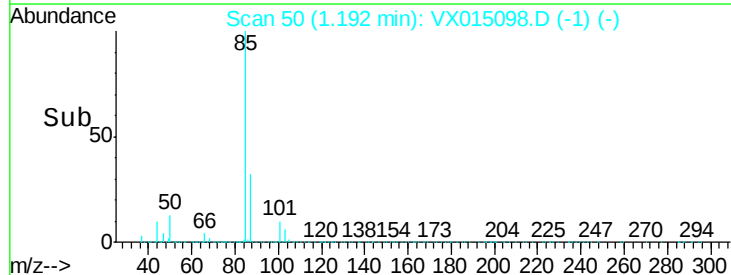
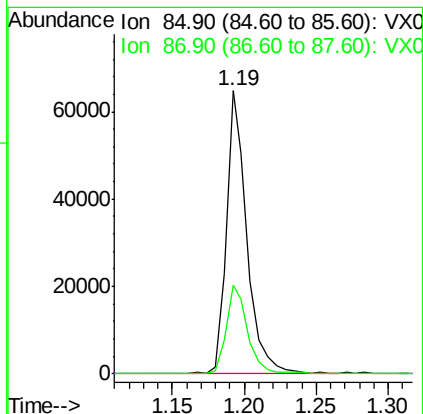
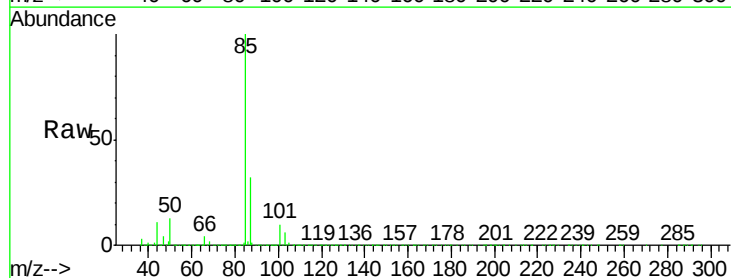
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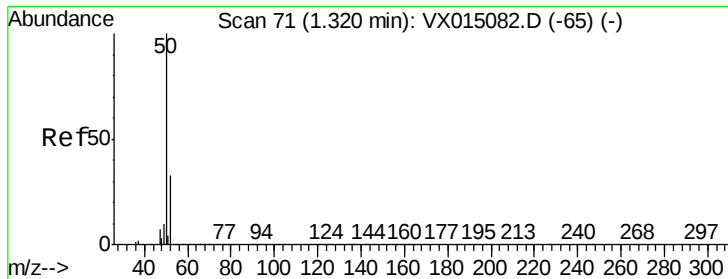


#2

Dichlorodifluoromethane
 Concen: 18.943 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.2	48.5





#3

Chloromethane

Concen: 19.690 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 50 Resp: 95382

Ion Ratio Lower Upper

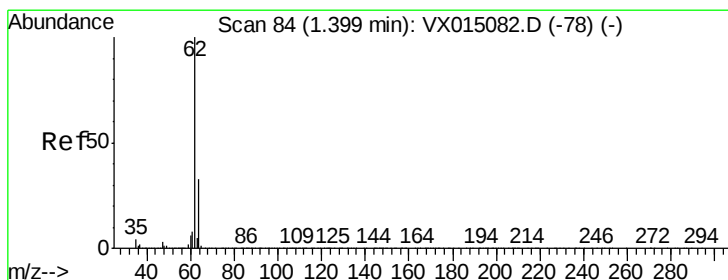
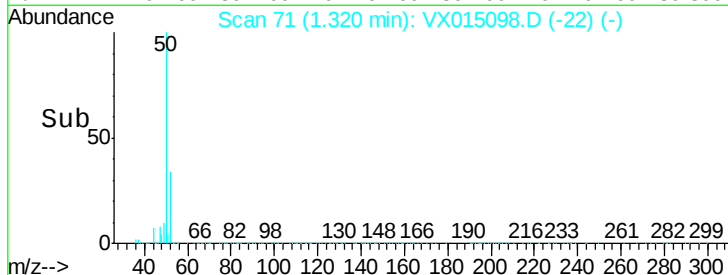
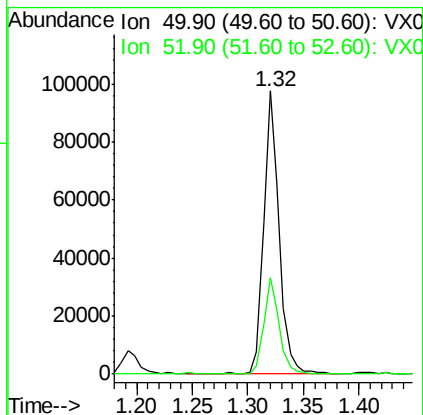
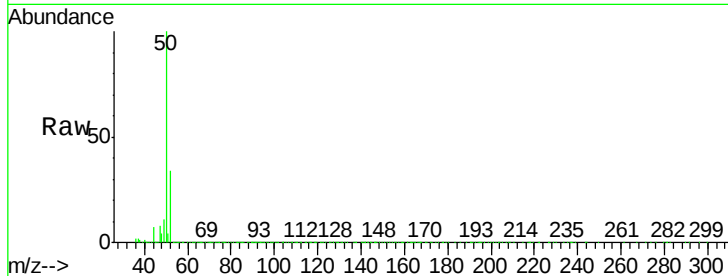
50 100

52 33.8 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.429 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015098.D

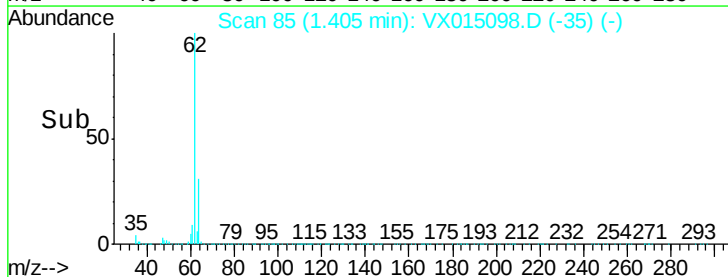
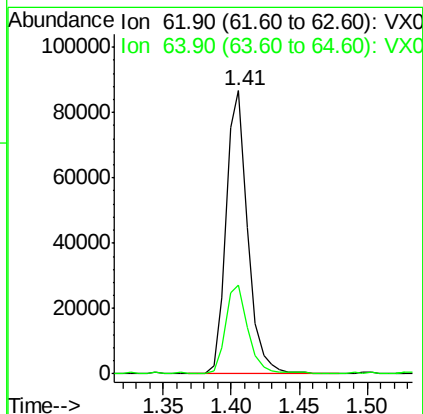
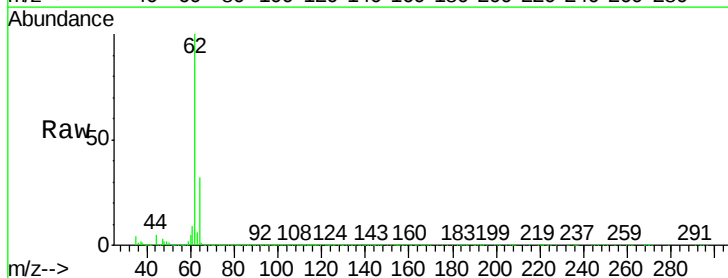
Acq: 05 Mar 2020 09:48

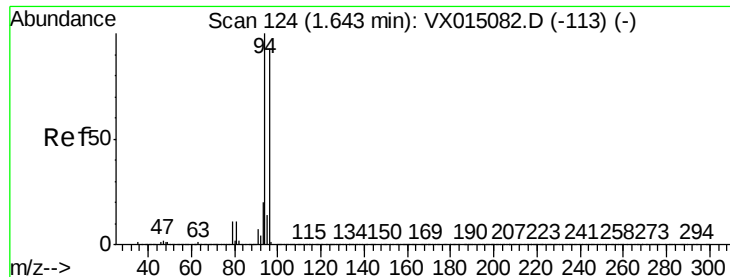
Tgt Ion: 62 Resp: 95435

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





#5

Bromomethane

Concen: 21.254 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 94 Resp: 64182

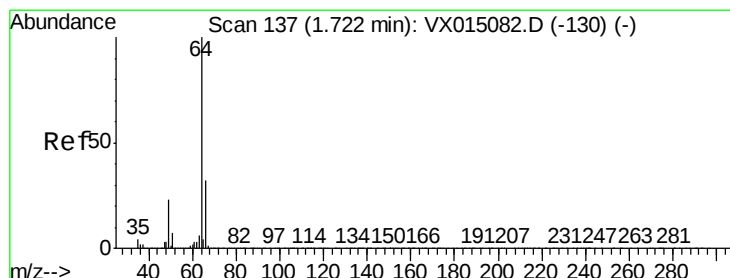
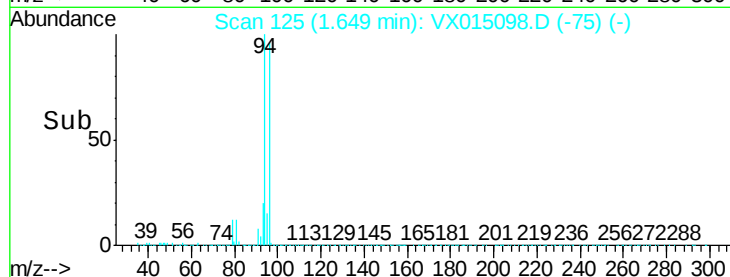
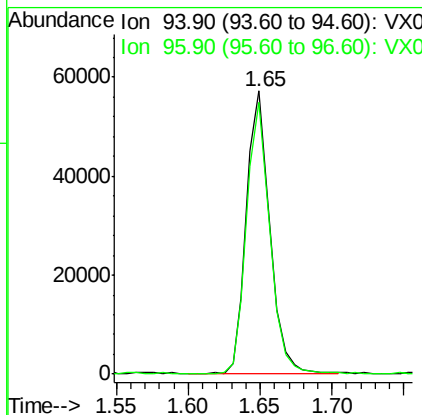
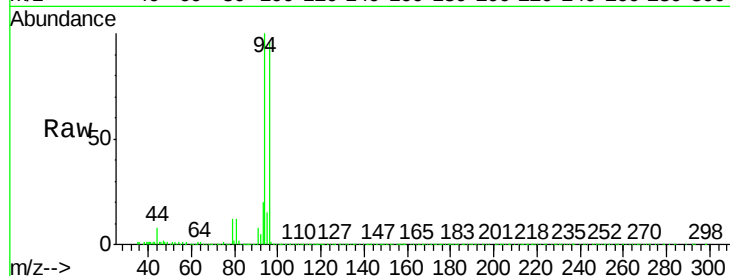
Ion Ratio Lower Upper

94 100

96 96.0 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 20.252 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX015098.D

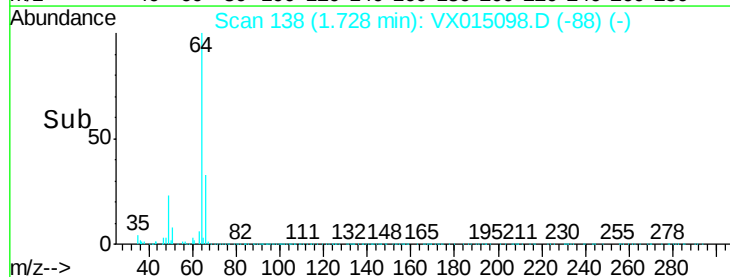
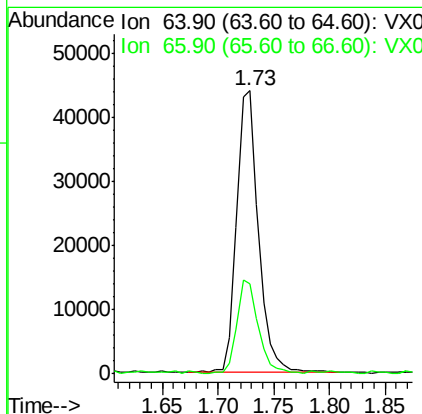
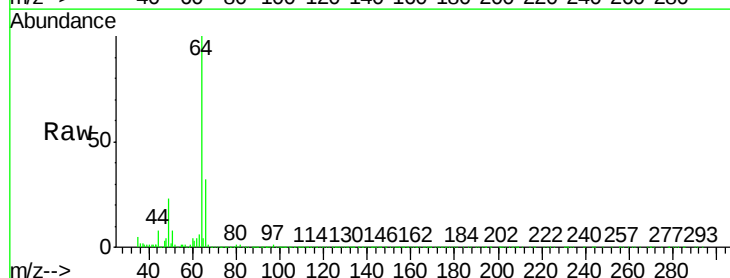
Acq: 05 Mar 2020 09:48

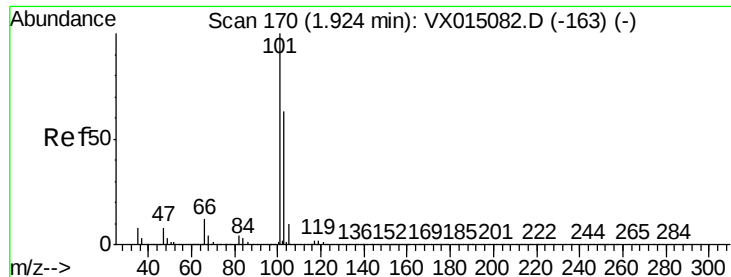
Tgt Ion: 64 Resp: 59672

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.8





#7

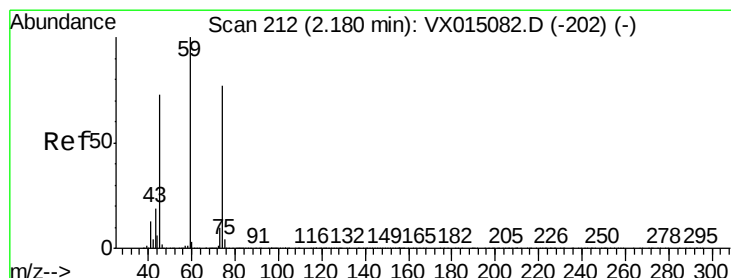
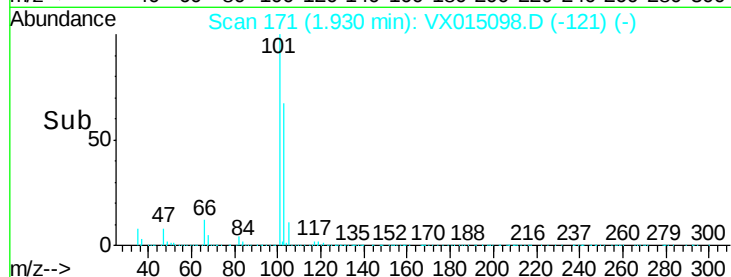
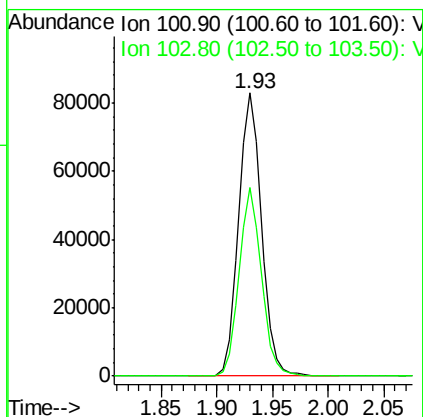
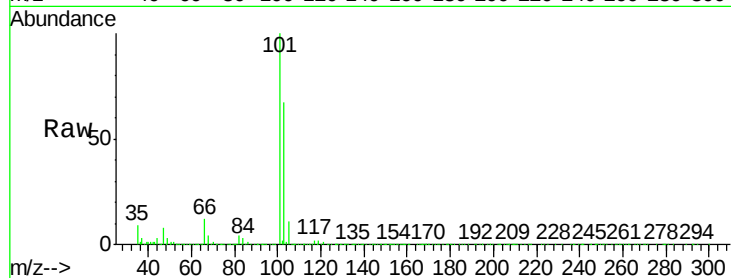
Trichlorofluoromethane
Concen: 20.204 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	50.4	75.6

Manual Integrations
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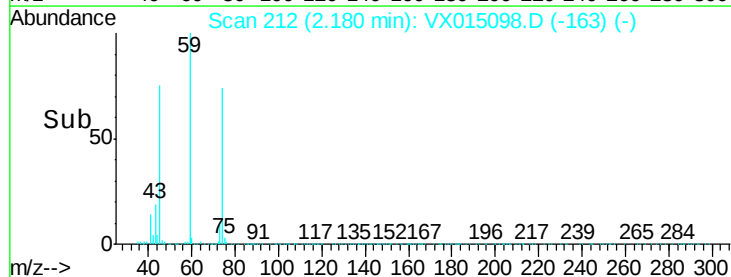
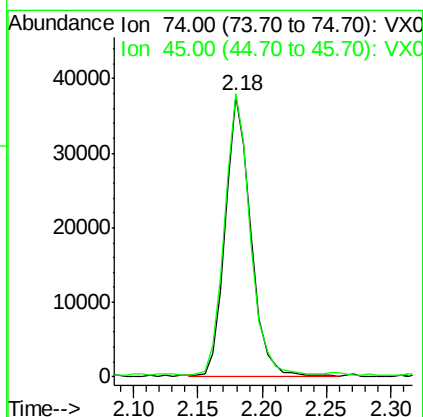
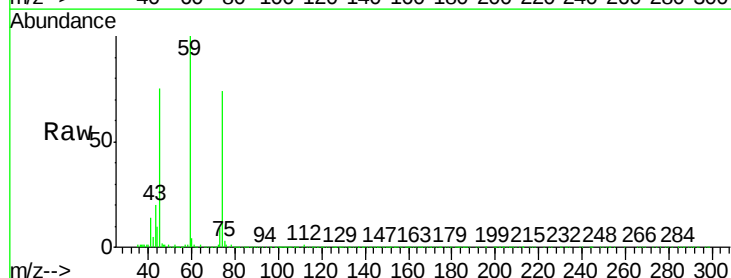
MMDadoda
3/6/2020 4:49:33 PM

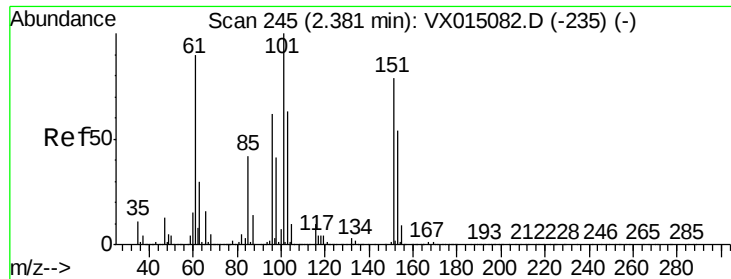


#8

Diethyl Ether
Concen: 19.579 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.551 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

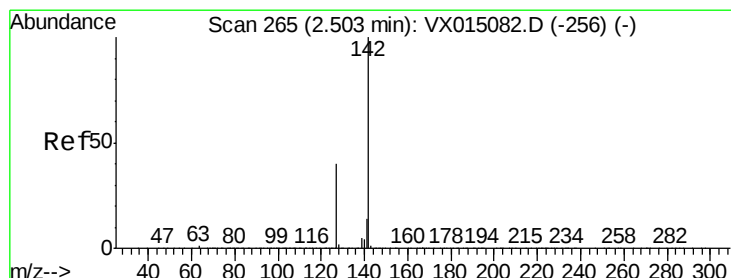
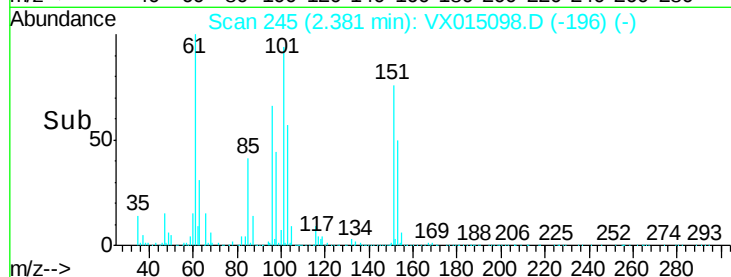
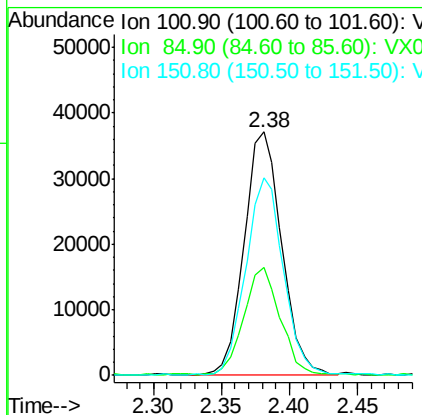
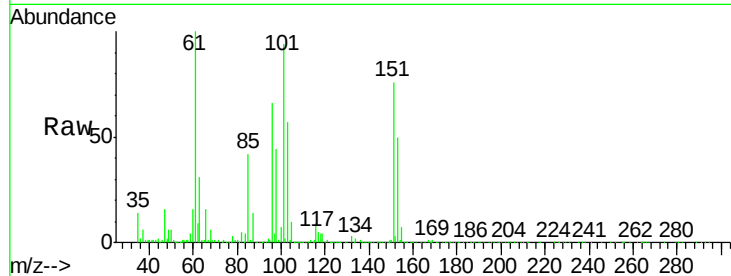
ClientSampleId :

VX0305WBS01

Tot Ion:	101	Resp:	71893
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	80.5	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 17.181 ug/l

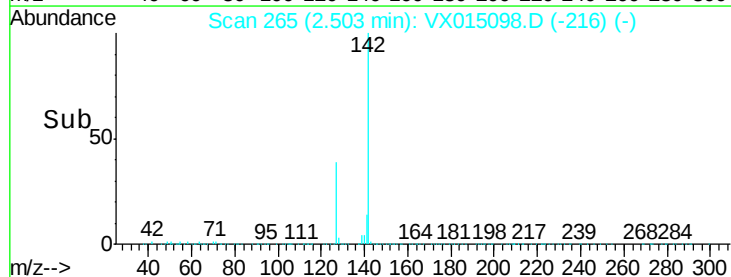
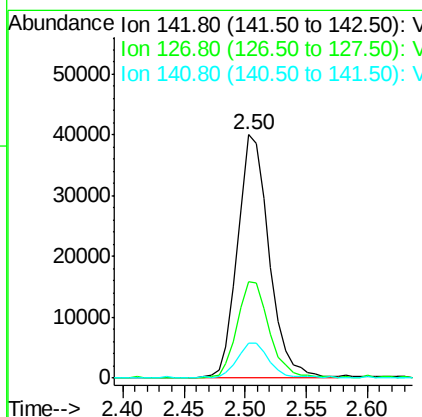
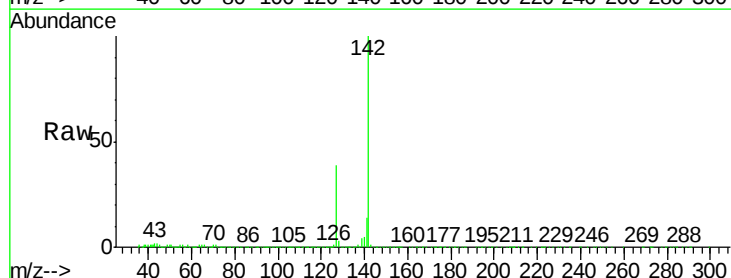
RT: 2.50 min Scan# 265

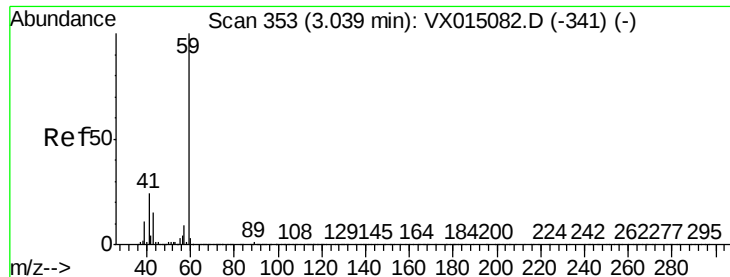
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	142	Resp:	71379
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.7	47.5
141	15.3	11.3	16.9





#11

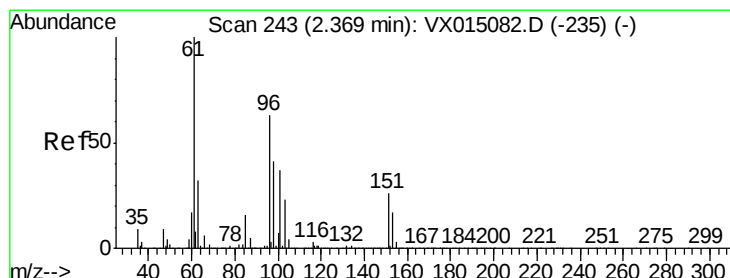
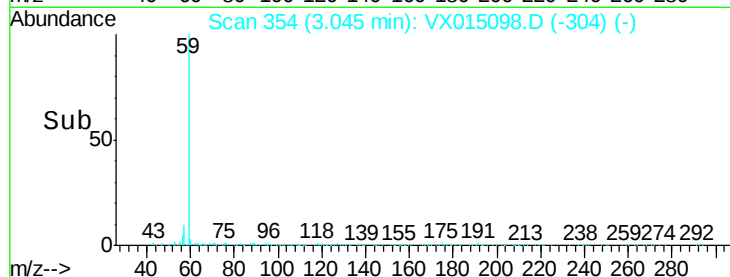
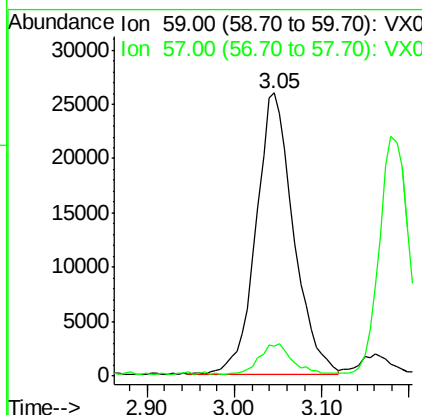
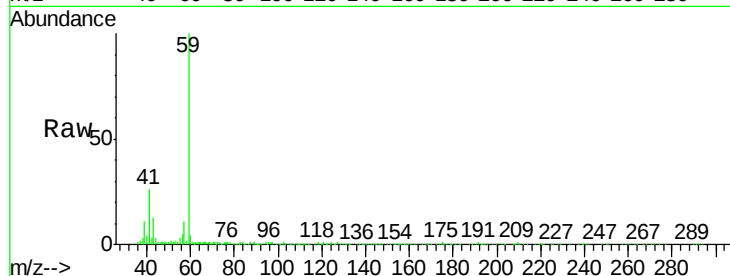
Tert butyl alcohol
Concen: 96.350 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.4

Manual Integrations
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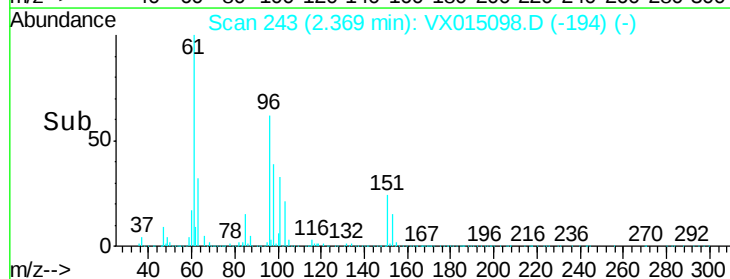
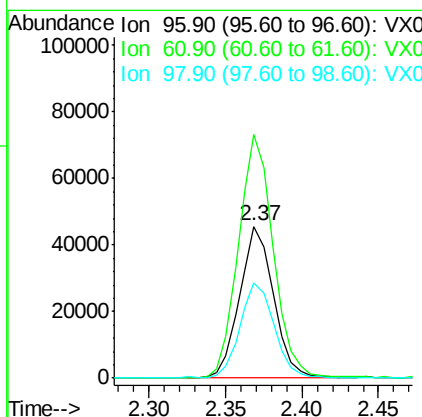
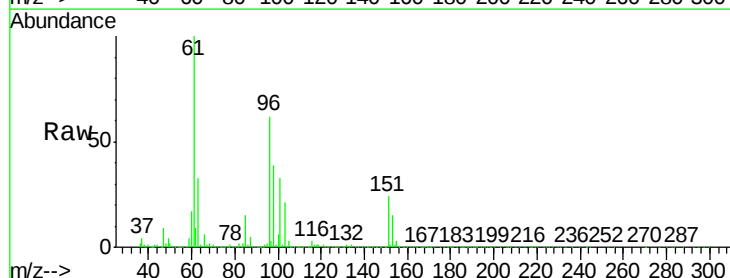
MMDadoda
3/6/2020 4:49:33 PM

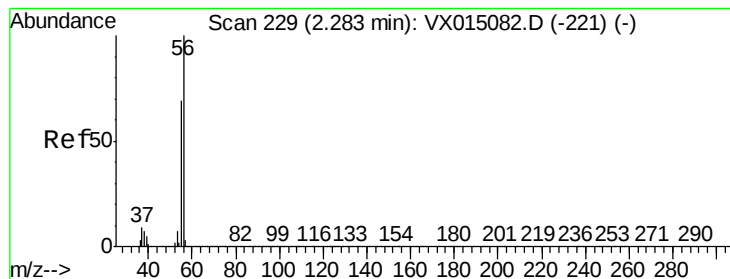


#12

1,1-Dichloroethene
Concen: 18.387 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	126.2	189.4
98	62.4	51.4	77.0





#13

Acrolein

Concen: 81.979 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 56 Resp: 61929

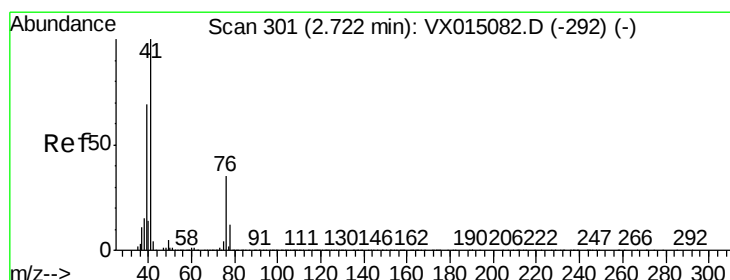
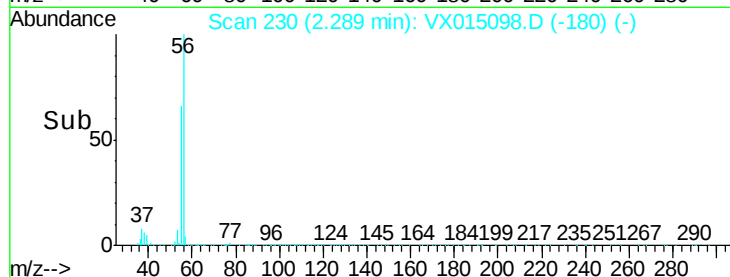
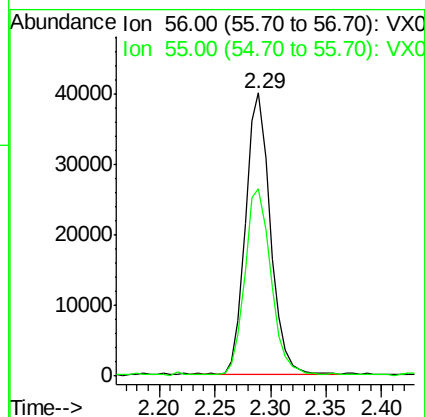
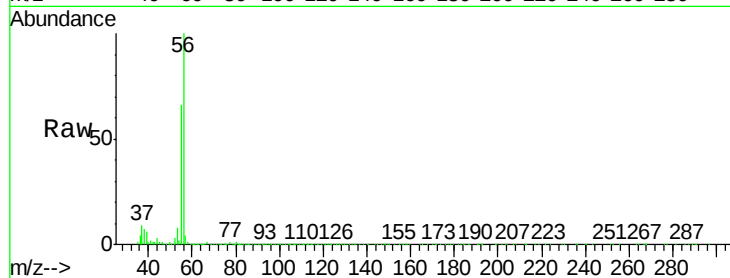
Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 18.719 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

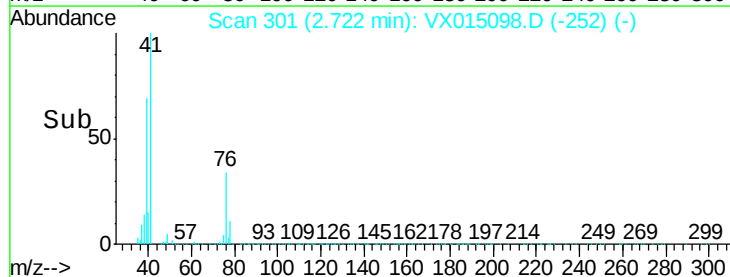
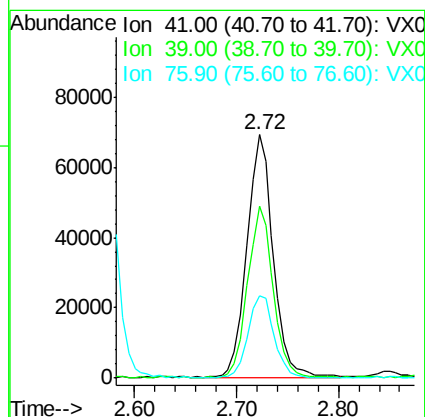
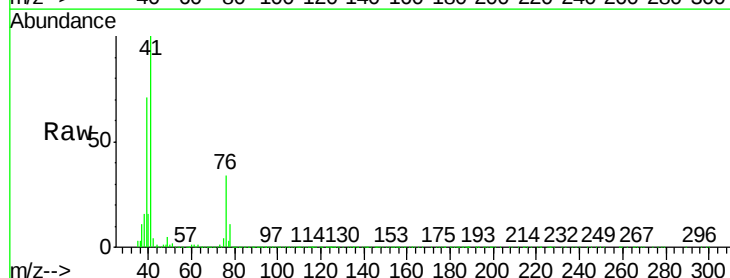
Tgt Ion: 41 Resp: 123866

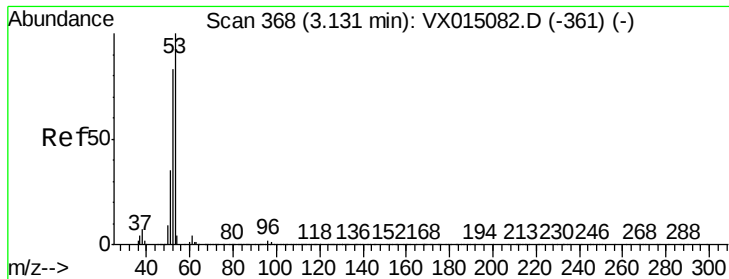
Ion Ratio Lower Upper

41 100

39 69.9 52.9 79.3

76 33.5 26.8 40.2





#15

Acrylonitrile

Concen: 94.752 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

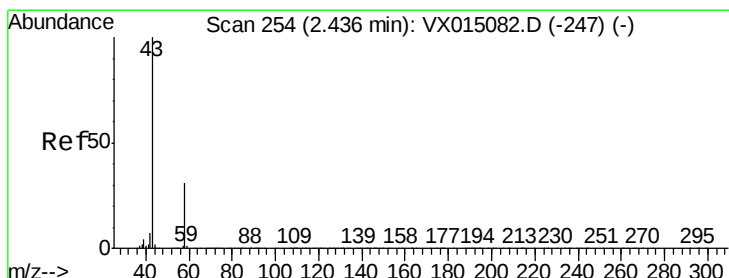
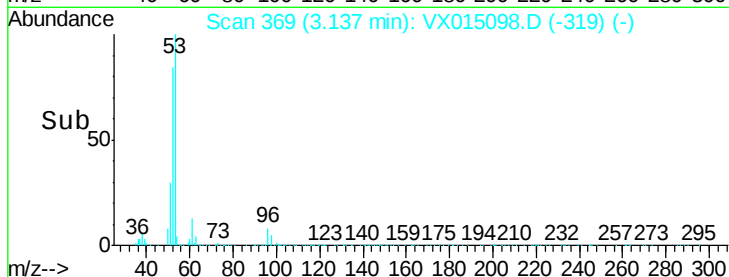
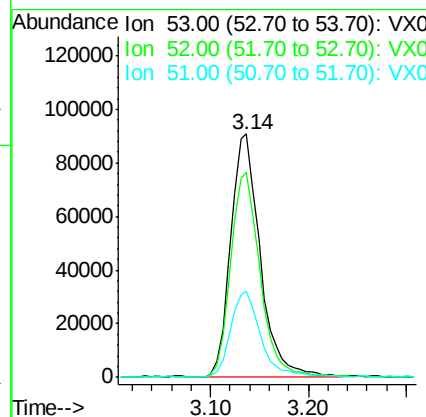
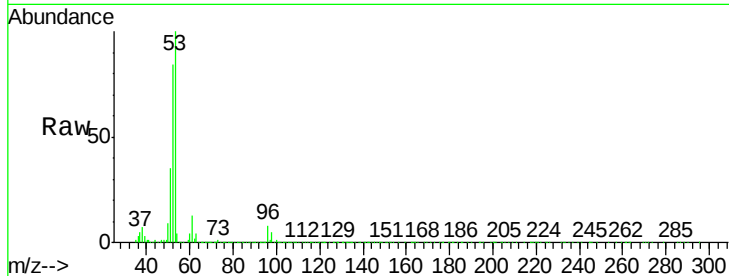
ClientSampleId :

VX0305WBS01

Tot Ion:	53	Resp:	189684
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.6	100.0
51	35.8	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 104.597 ug/l

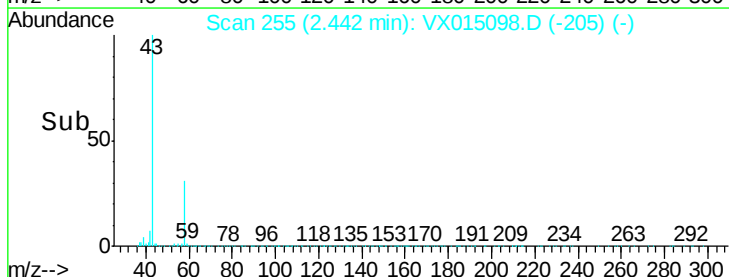
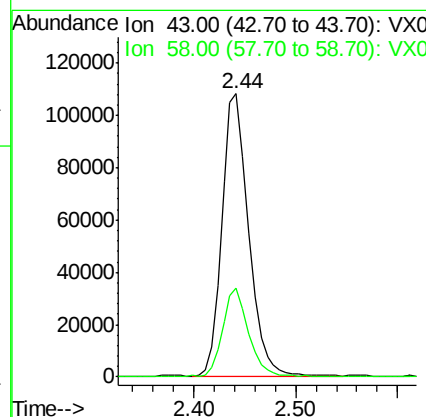
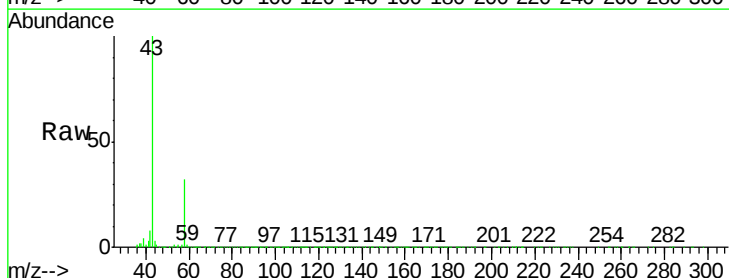
RT: 2.44 min Scan# 255

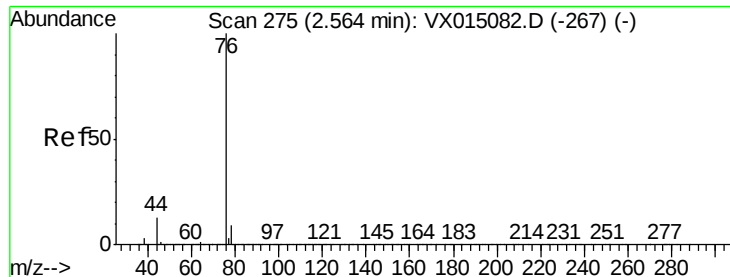
Delta R.T. 0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	43	Resp:	196258
Ion Ratio	Lower	Upper	
43	100		
58	31.3	24.8	37.2





#17

Carbon Disulfide

Concen: 18.018 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampled :

VX0305WBS01

Tot Ion: 76 Resp: 189893

Ion Ratio Lower Upper

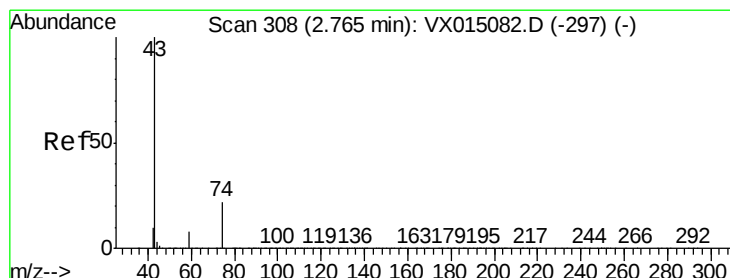
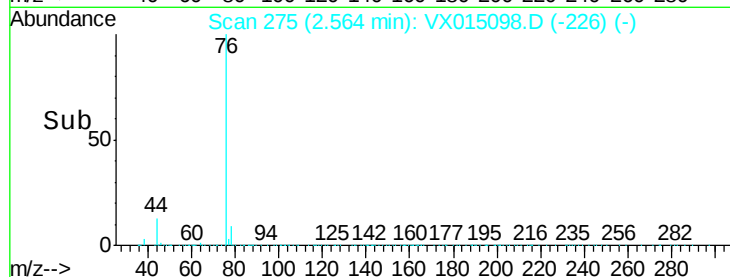
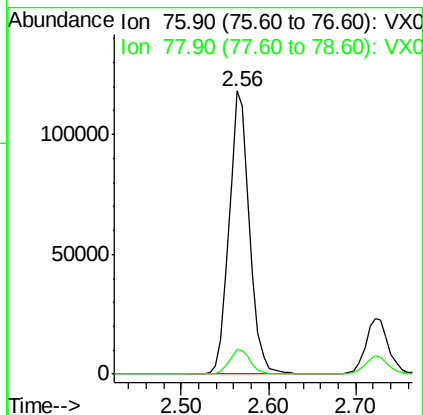
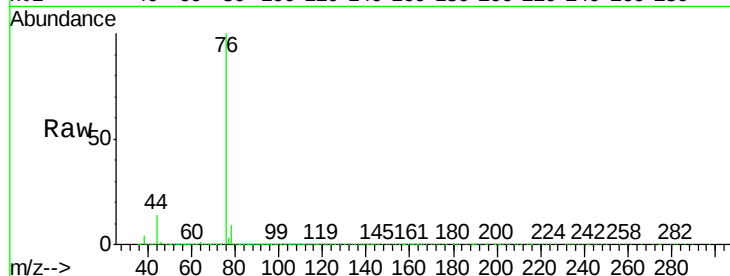
76 100

78 8.6 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 18.222 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015098.D

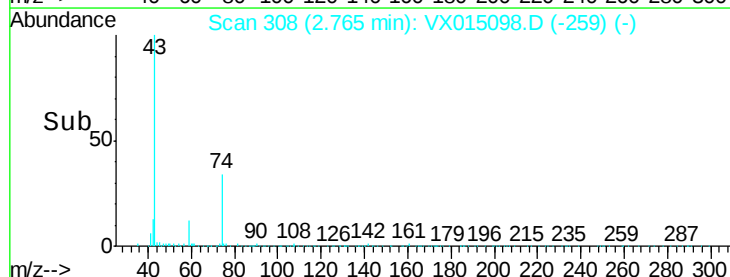
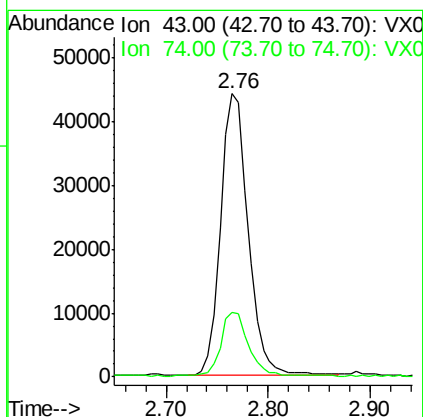
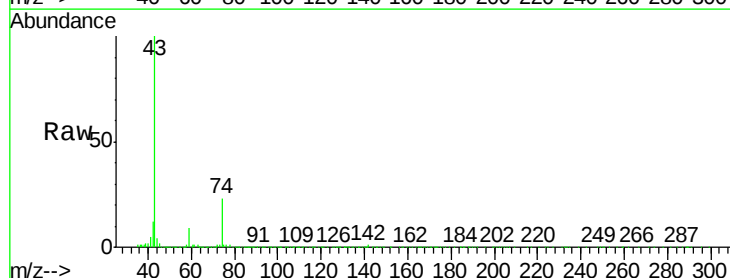
Acq: 05 Mar 2020 09:48

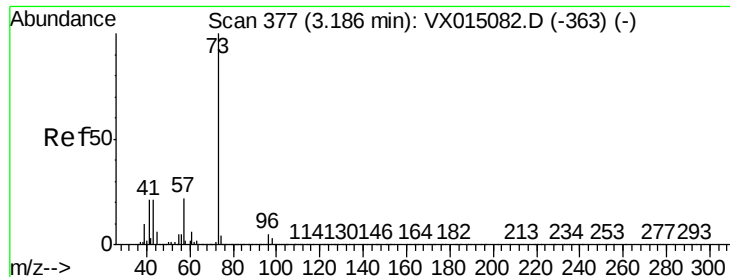
Tgt Ion: 43 Resp: 83600

Ion Ratio Lower Upper

43 100

74 23.8 18.8 28.2





#19

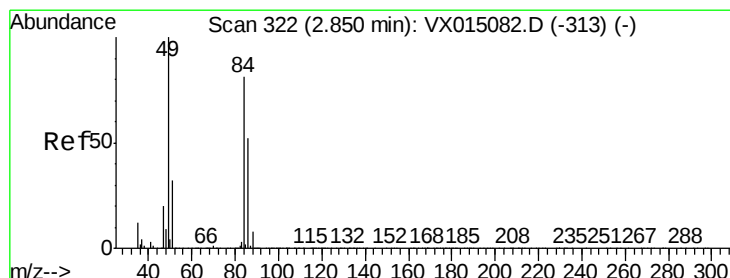
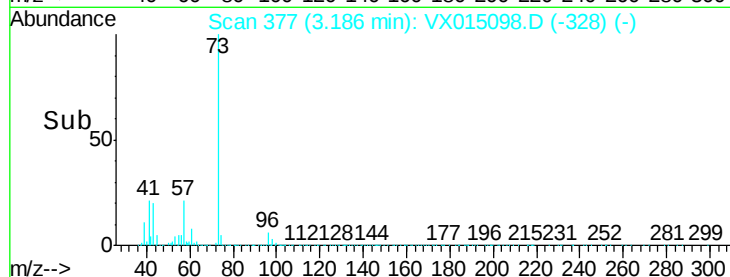
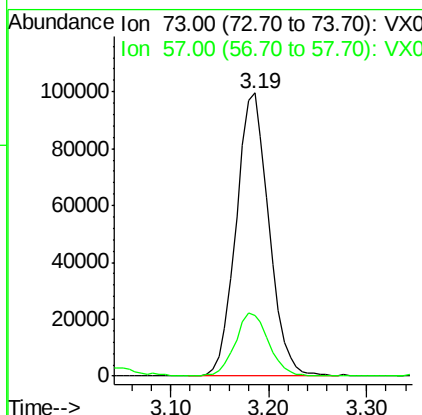
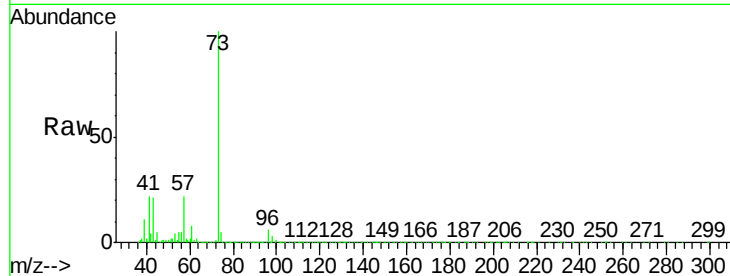
Methyl tert-butyl Ether
 Concen: 19.465 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.6

Manual Integrations
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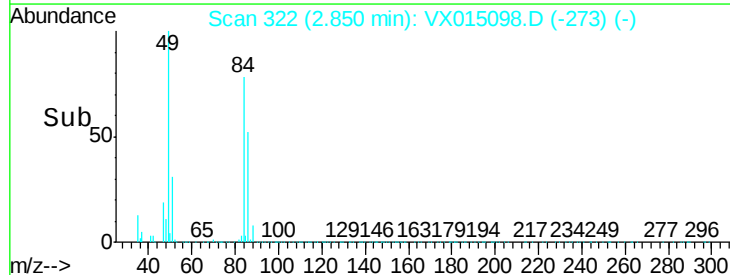
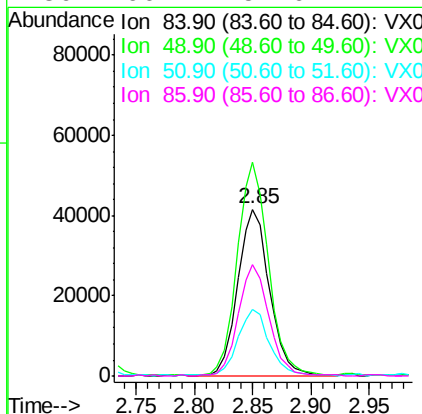
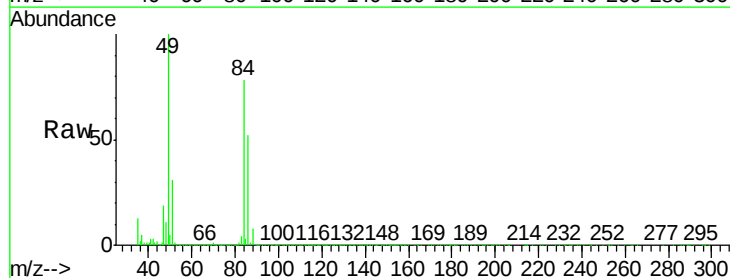
MMDadoda
 3/6/2020 4:49:33 PM

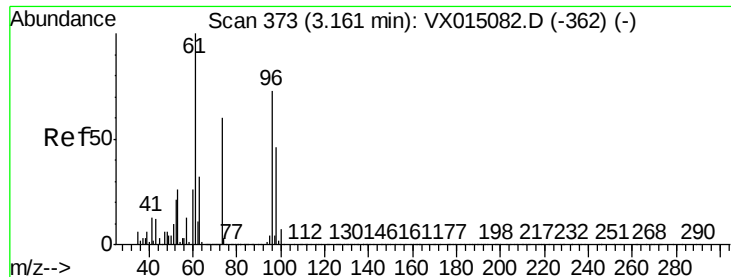


#20

Methylene Chloride
 Concen: 17.983 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	99.4	149.2
51	40.3	31.5	47.3
86	66.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.738 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

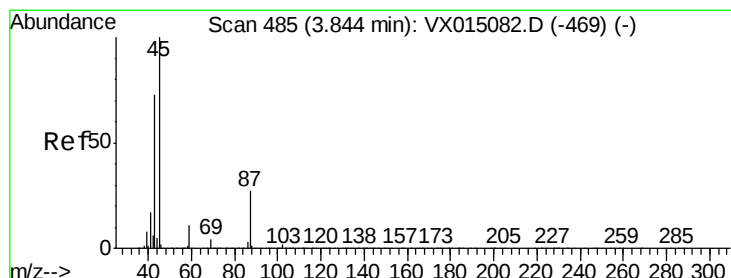
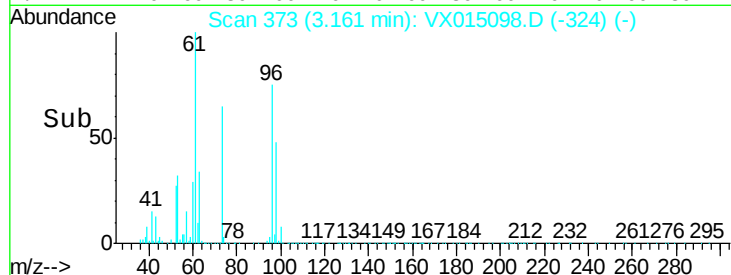
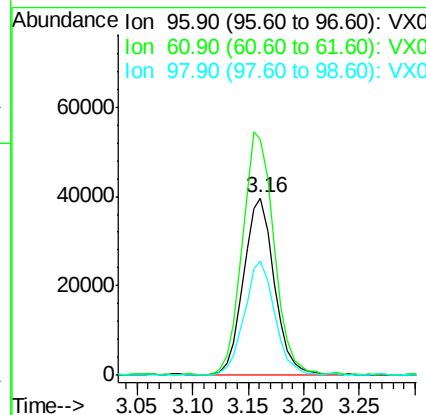
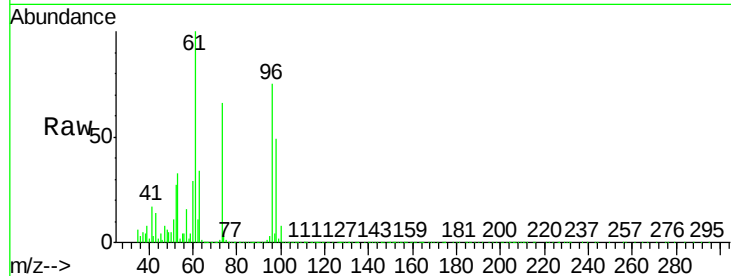
ClientSampleId :

VX0305WBS01

Tot Ion:	96	Resp:	75930
Ion	Ratio	Lower	Upper
96	100		
61	132.5	109.9	164.9
98	64.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.576 ug/l

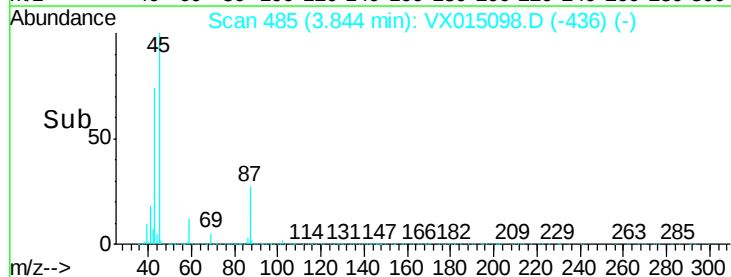
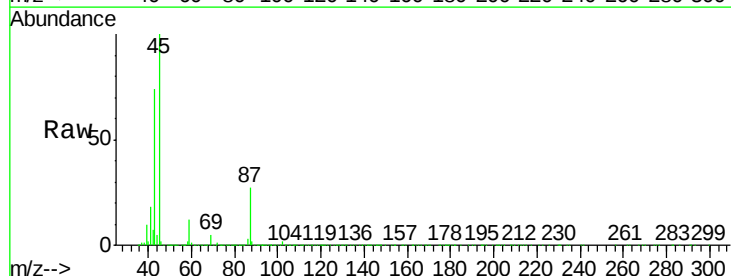
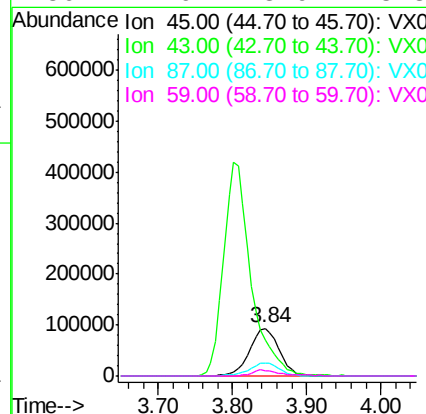
RT: 3.84 min Scan# 485

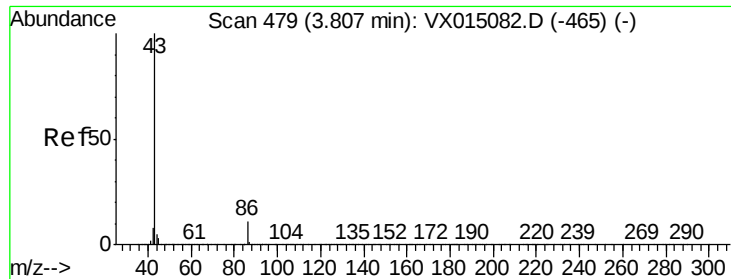
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	45	Resp:	258090
Ion	Ratio	Lower	Upper
45	100		
43	74.2	58.2	87.2
87	26.6	21.2	31.8
59	11.9	8.9	13.3





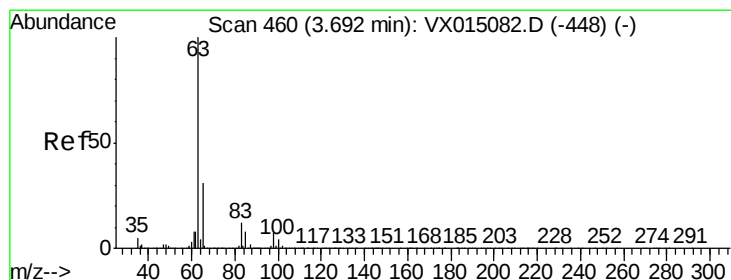
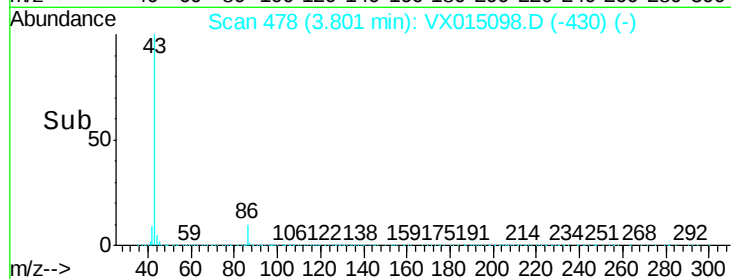
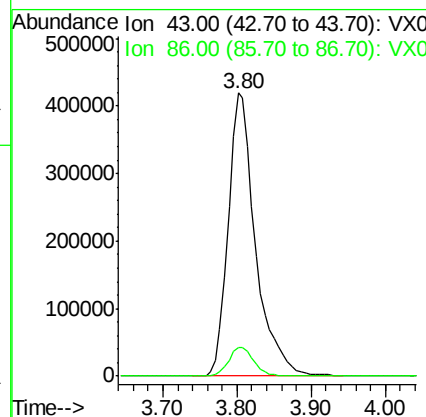
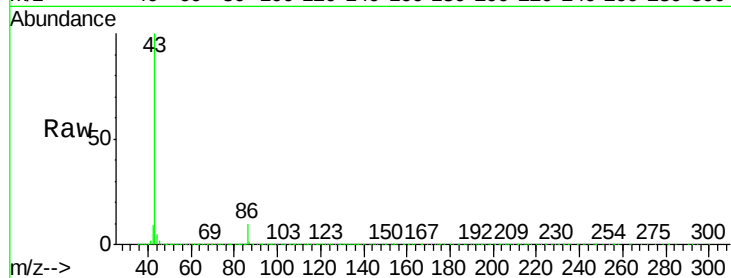
#23
 Vinyl Acetate
 Concen: 99.218 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion: 43 Resp: 1075243
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.6 12.8

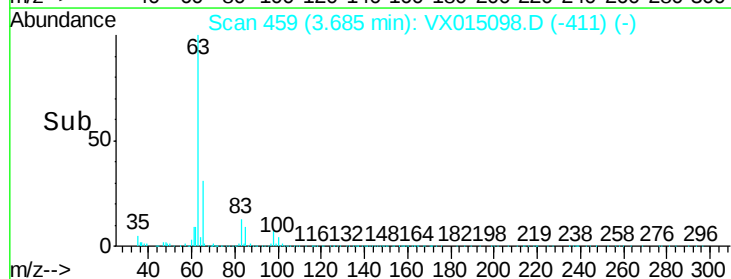
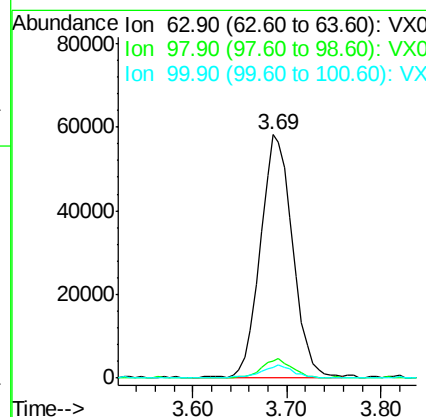
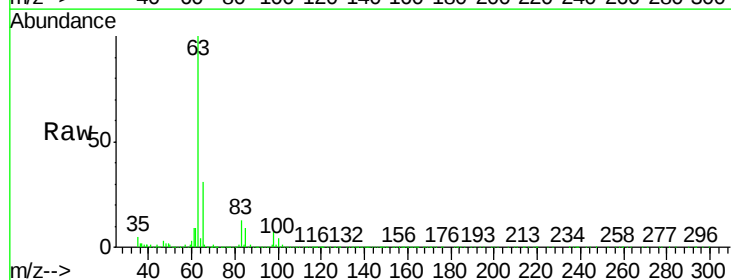
Manual Integrations
 APPROVED

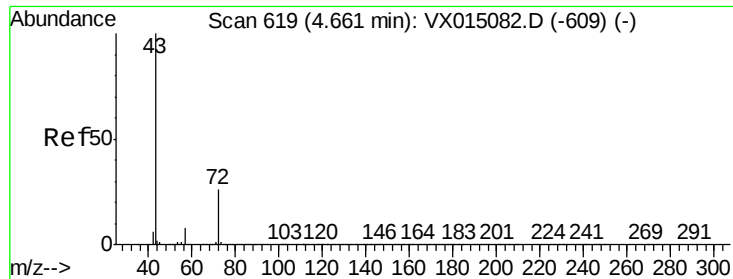
MMDadoda
 3/6/2020 4:49:33 PM



#24
 1,1-Dichloroethane
 Concen: 19.161 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion: 63 Resp: 140206
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 98.762 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tot Ion: 43 Resp: 271294

Ion Ratio Lower Upper

43 100

72 26.7 20.6 30.8

Instrument :

MSVOA_X

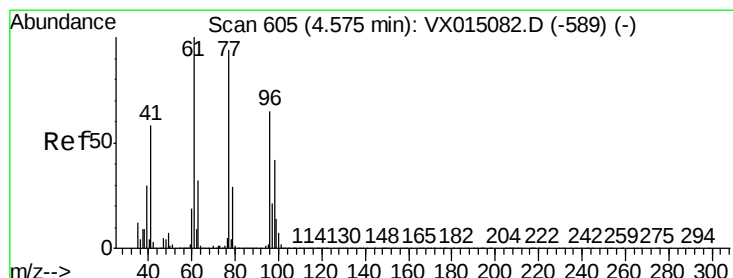
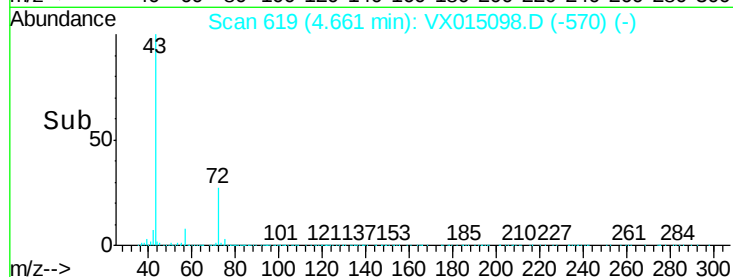
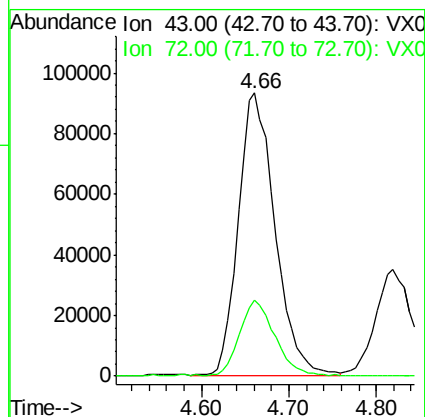
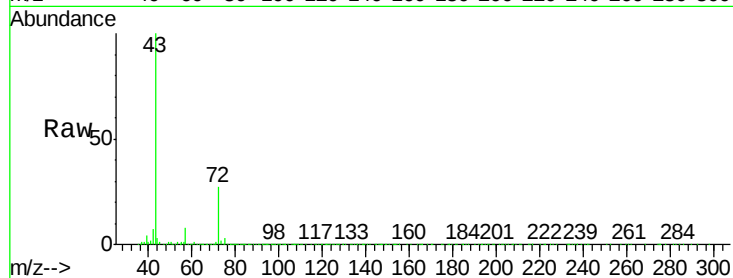
ClientSampleId :

VX0305WBS01

Manual Integrations
APPROVED

MMDadoda

3/6/2020 4:49:33 PM



#26

2,2-Dichloropropane

Concen: 19.148 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015098.D

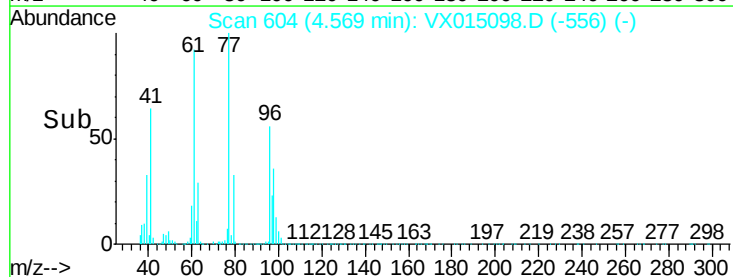
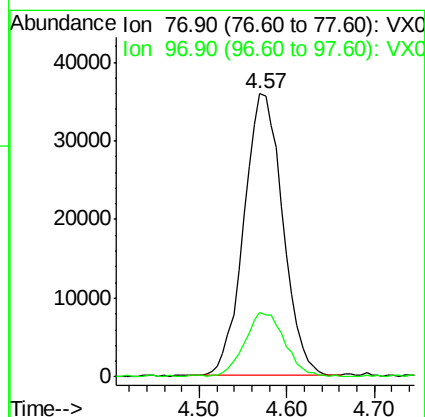
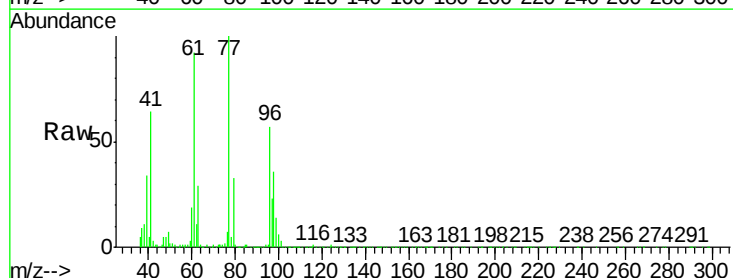
Acq: 05 Mar 2020 09:48

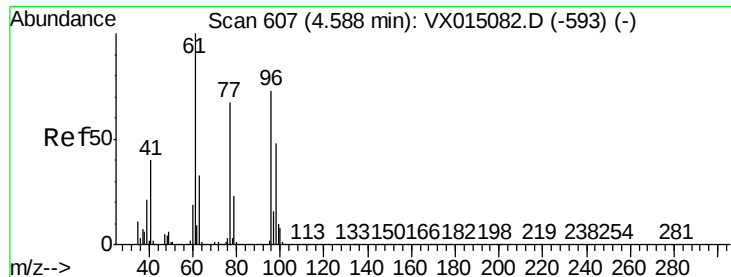
Tgt Ion: 77 Resp: 111224

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4





#27

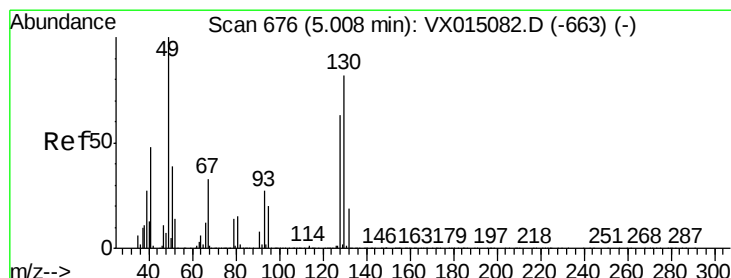
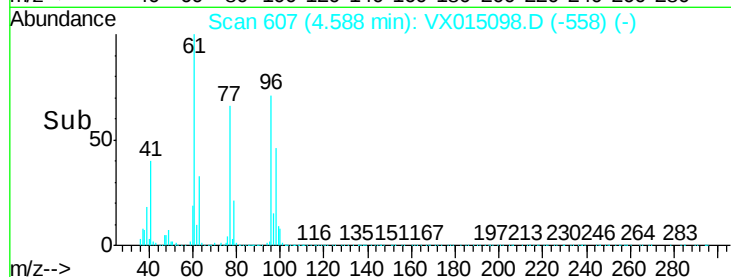
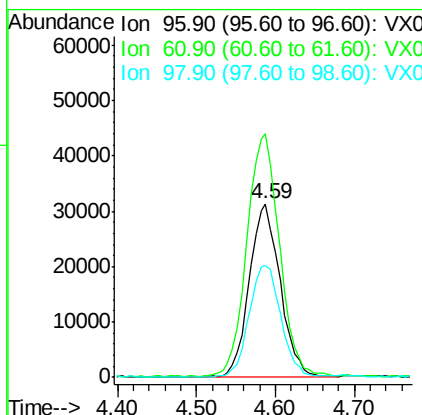
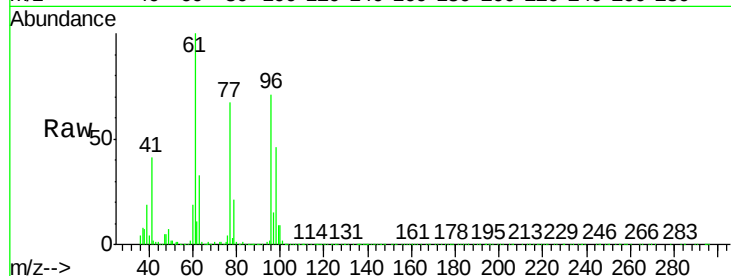
cis-1,2-Dichloroethene
Concen: 18.890 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	286.8
98	65.5	0.0	128.4

Manual Integrations
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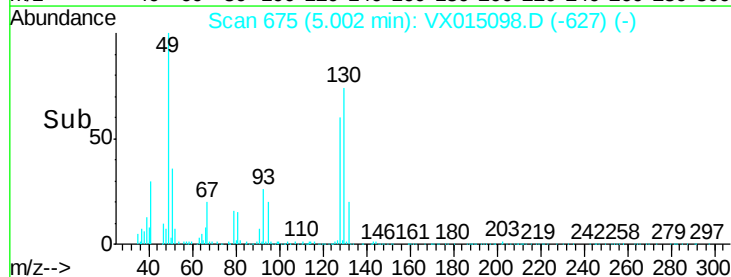
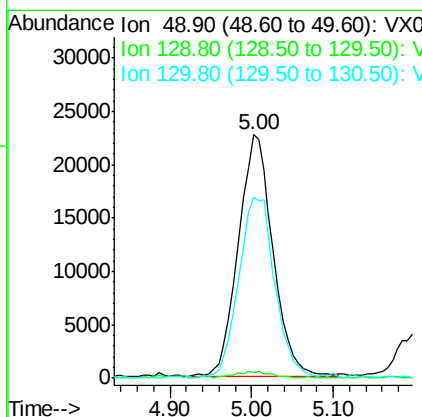
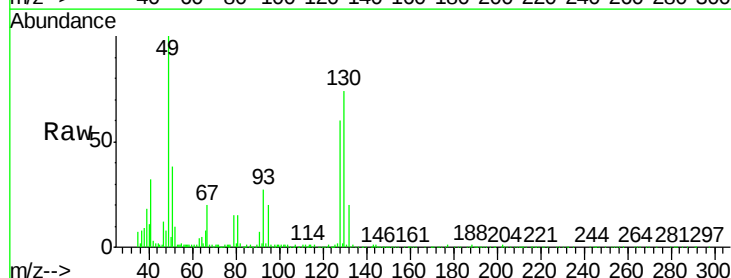
MMDadoda
3/6/2020 4:49:33 PM

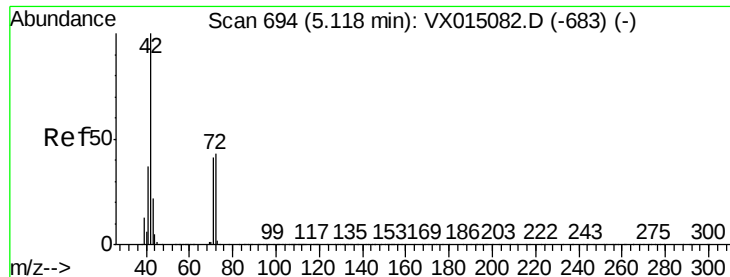


#28

Bromochloromethane
Concen: 19.907 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	79.0	65.0	97.6





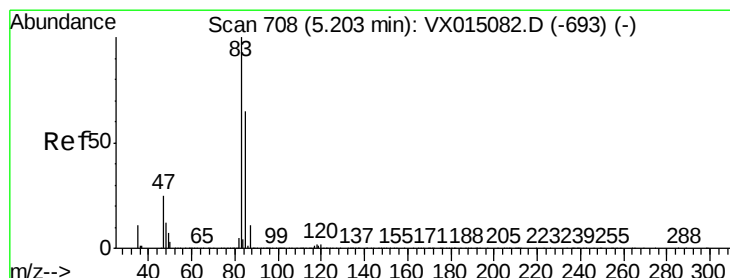
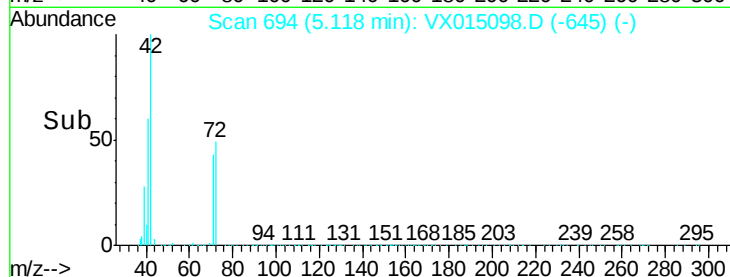
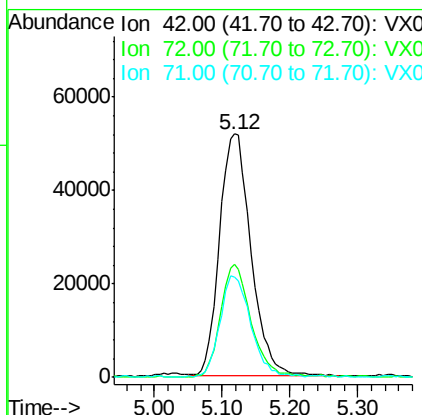
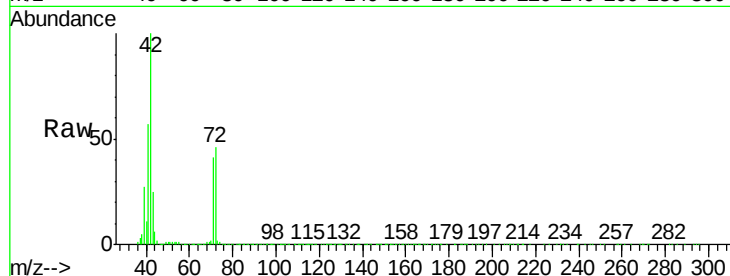
#29
Tetrahydrofuran
Concen: 94.149 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.4	54.6
71	40.7	33.3	49.9

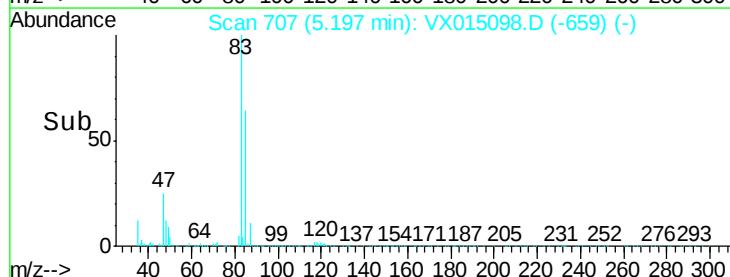
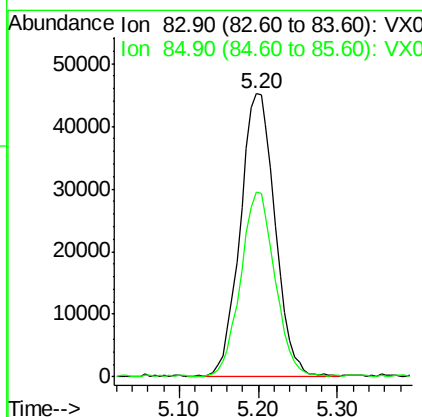
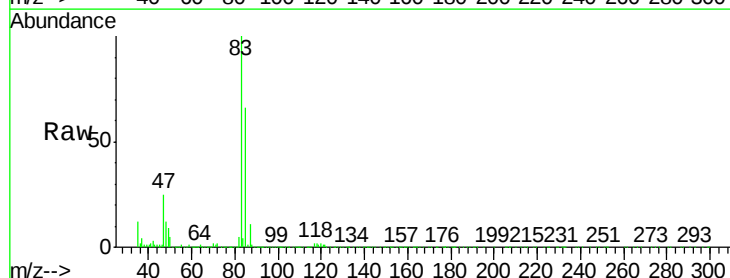
Manual Integrations
APPROVED

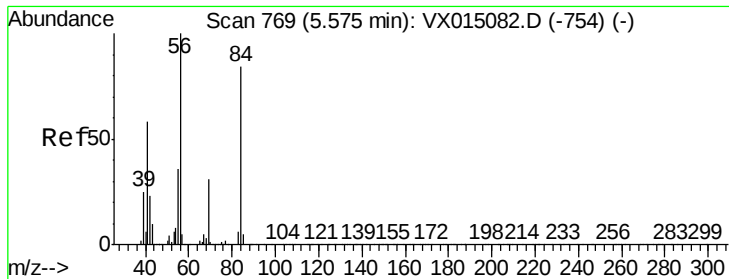
MMDadoda
3/6/2020 4:49:33 PM



#30
Chloroform
Concen: 19.546 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





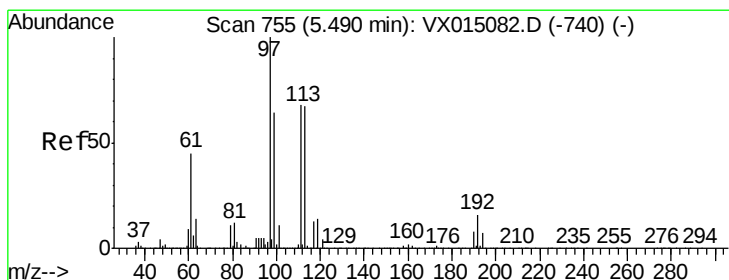
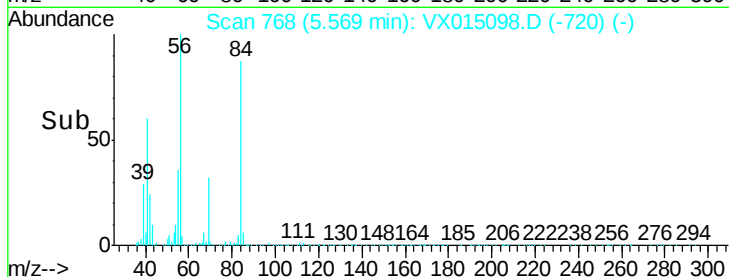
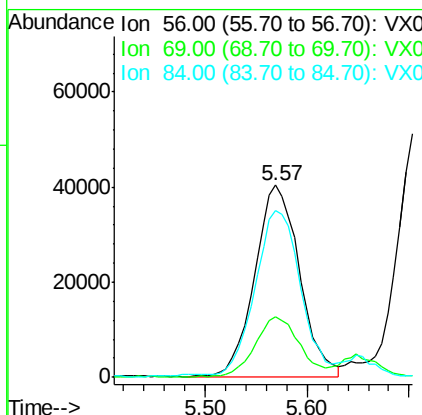
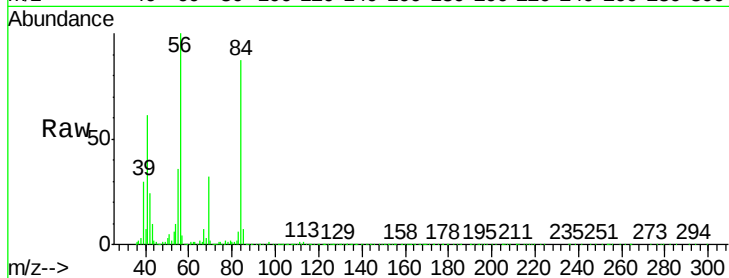
#31
Cyclohexane
Concen: 18.731 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	85.8	67.6	101.4

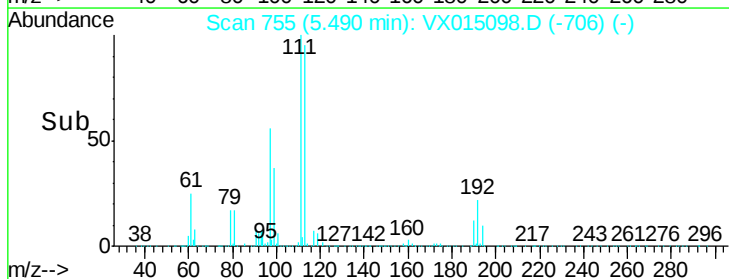
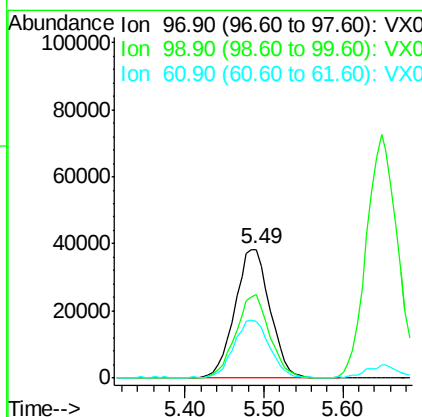
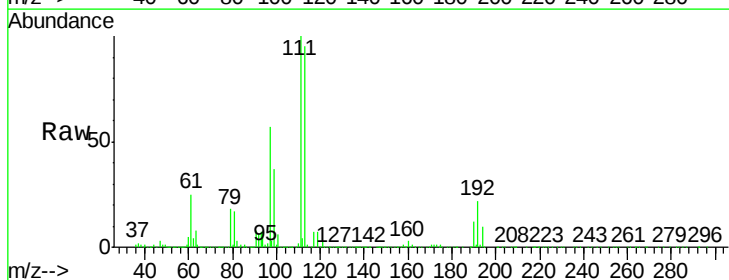
Manual Integrations
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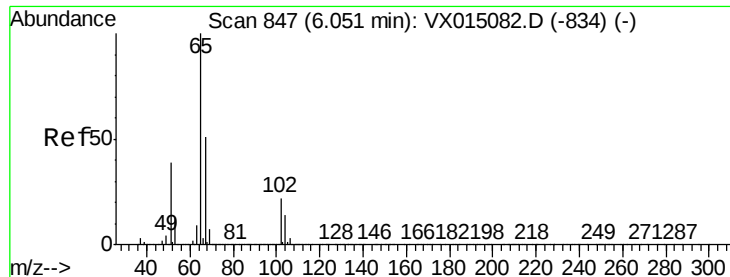
MMDadoda
3/6/2020 4:49:33 PM



#32
1,1,1-Trichloroethane
Concen: 20.146 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.0	52.8	79.2
61	45.1	36.6	54.8





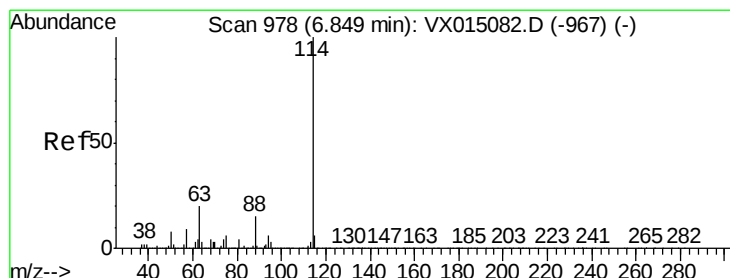
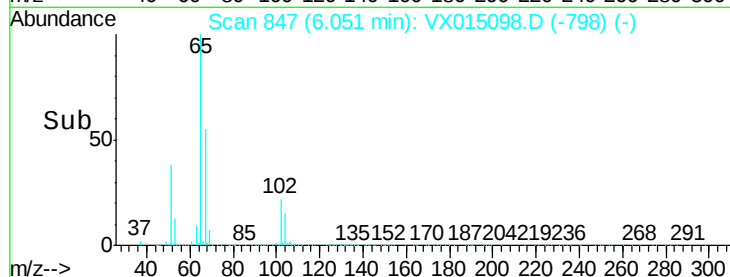
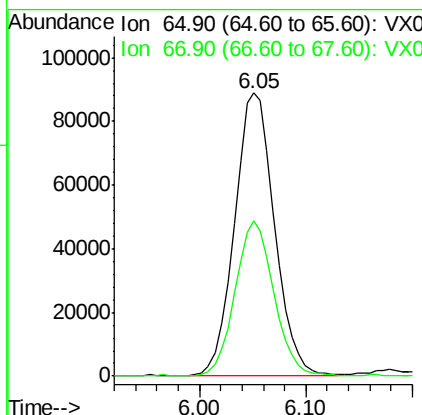
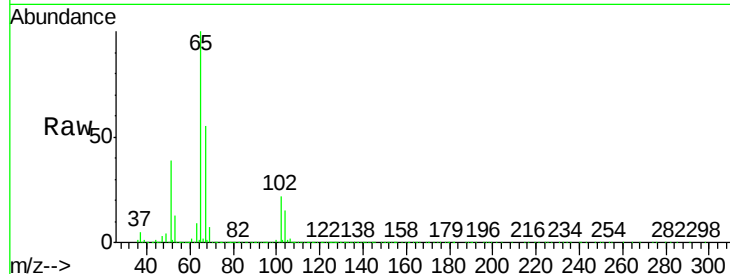
#33
 1,2-Dichloroethane-d4
 Concen: 50.593 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	234403		
67	52.8	0.0	105.6	

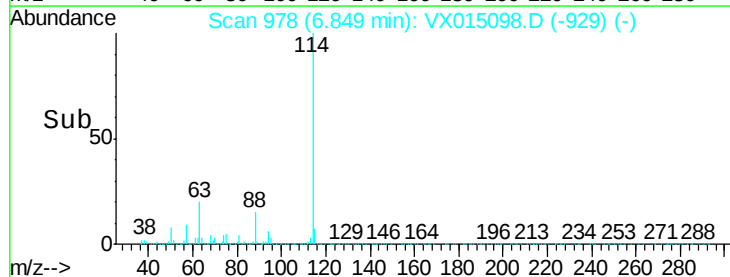
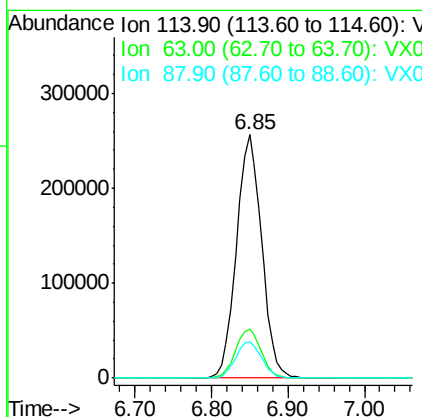
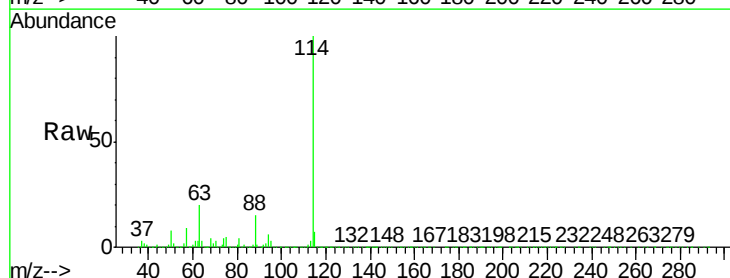
Manual Integrations
 APPROVED

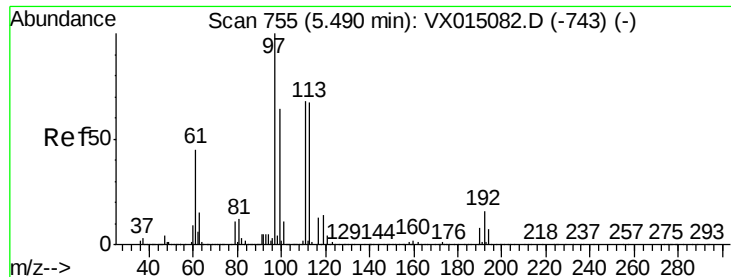
MMDadoda
 3/6/2020 4:49:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	586243		
63	20.2	0.0	40.0	
88	14.9	0.0	30.6	





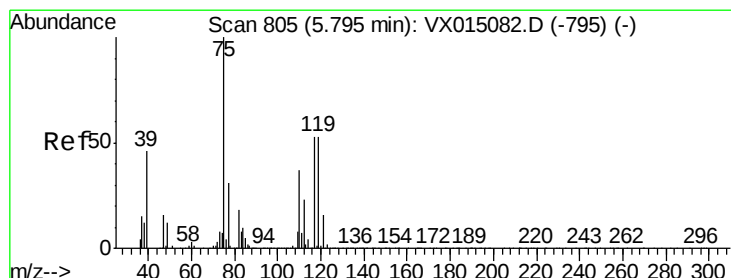
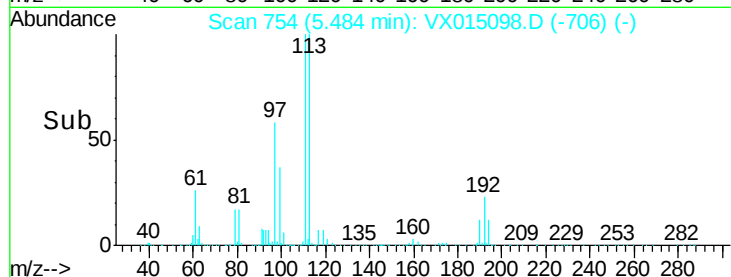
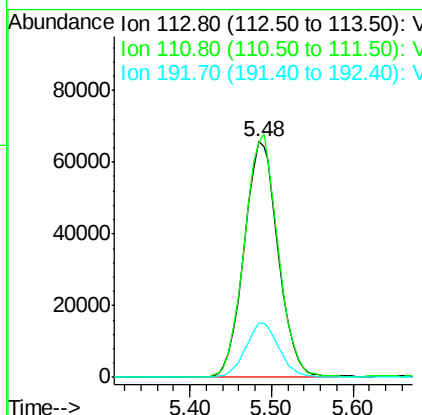
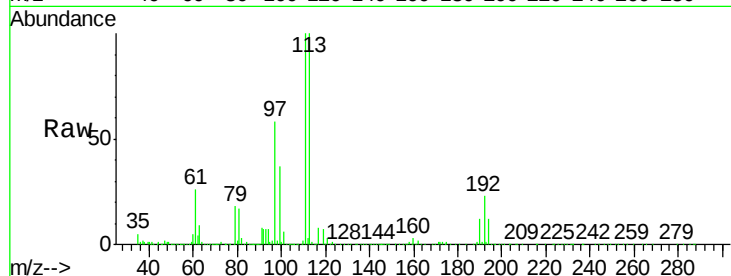
#35
 Dibromofluoromethane
 Concen: 51.411 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.8	18.6	28.0

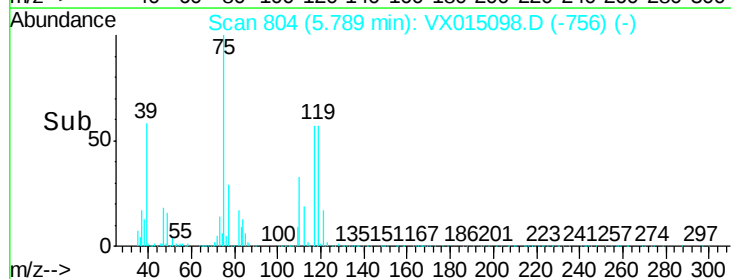
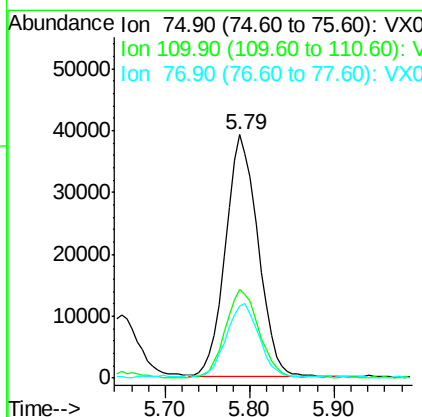
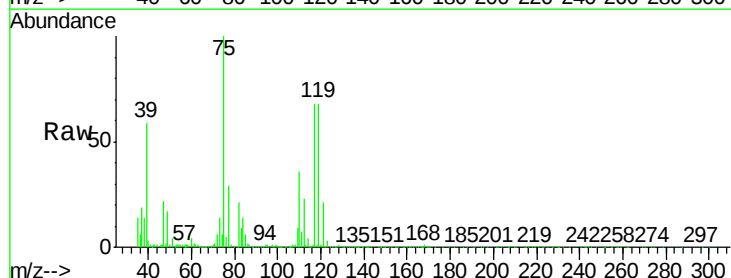
Manual Integrations
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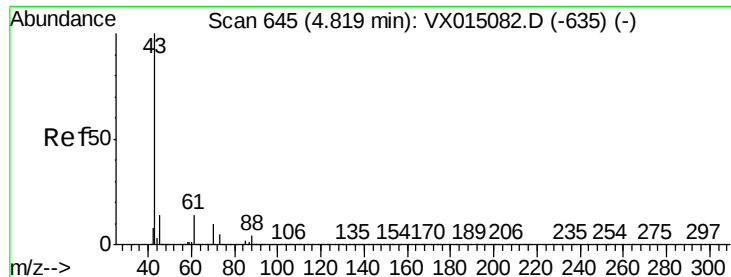
MMDadoda
 3/6/2020 4:49:33 PM



#36
 1,1-Dichloropropene
 Concen: 18.996 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.9	53.8
77	30.1	24.8	37.2





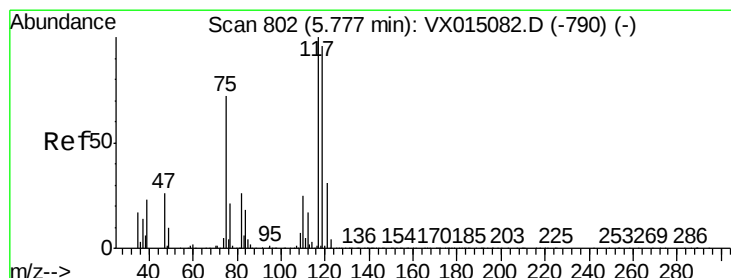
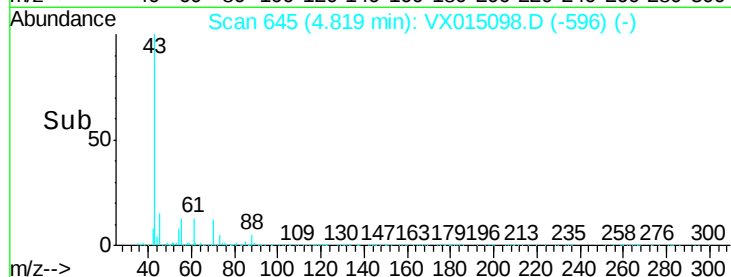
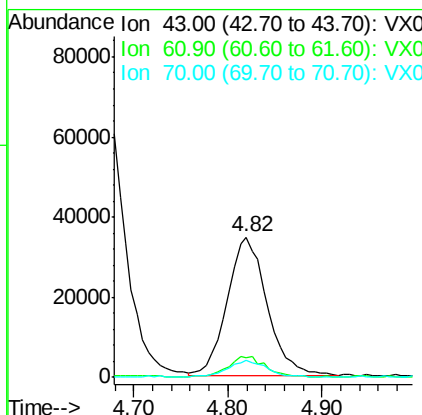
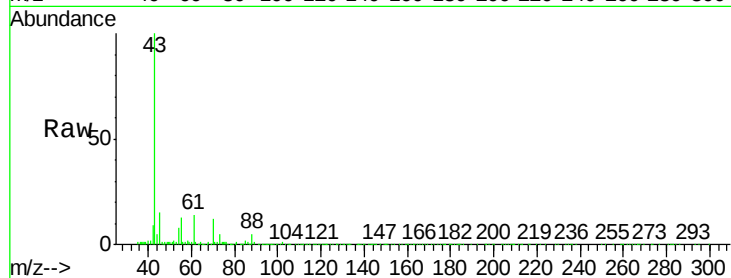
#37
Ethyl Acetate
Concen: 20.204 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	11.6	8.1	12.1

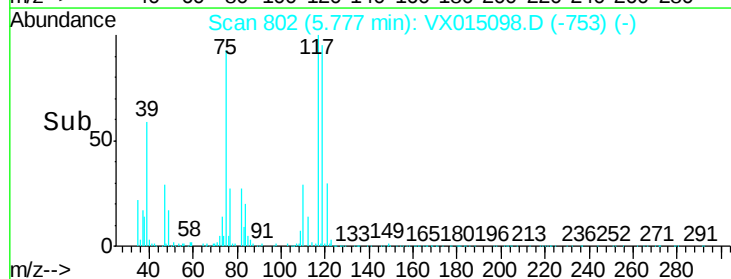
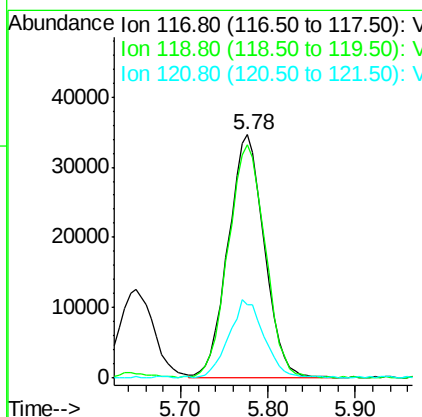
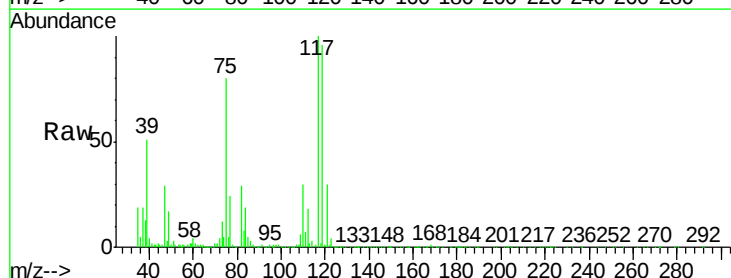
Manual Integrations
APPROVED

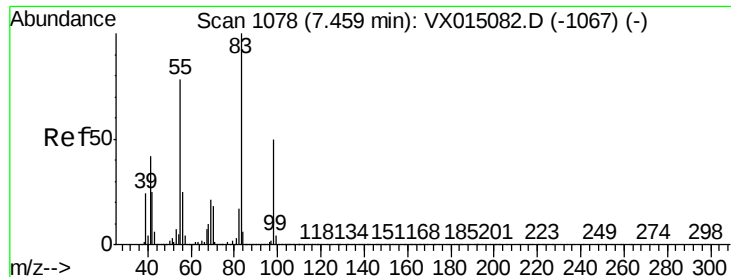
MMDadoda
3/6/2020 4:49:33 PM



#38
Carbon Tetrachloride
Concen: 19.381 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.9	115.3
121	30.3	24.6	37.0





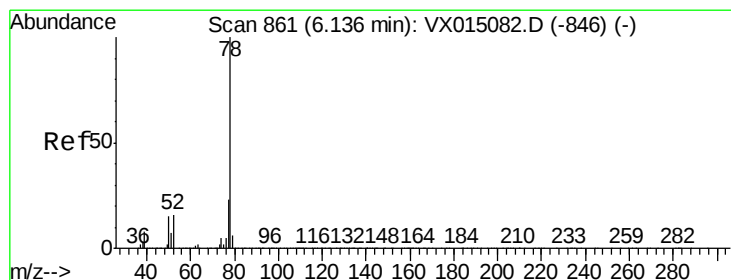
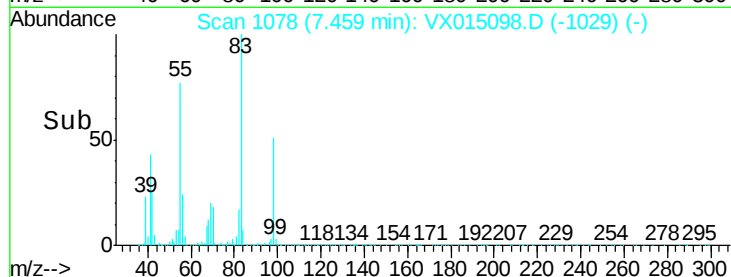
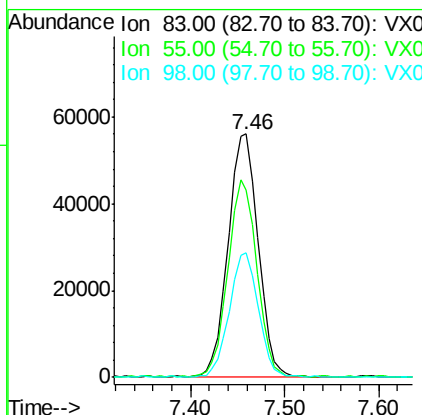
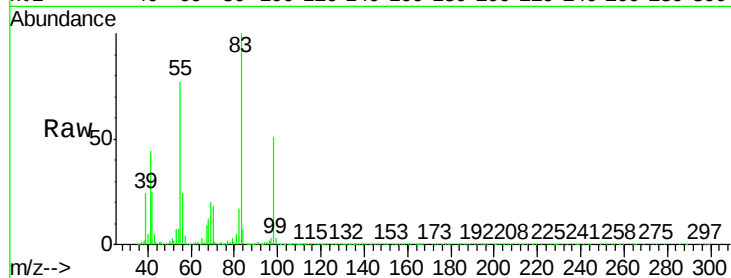
#39
Methvlcvclohexane
Concen: 19.759 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	62.4	93.6
98	51.1	39.7	59.5

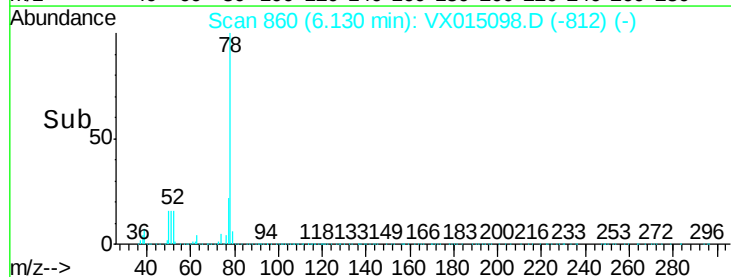
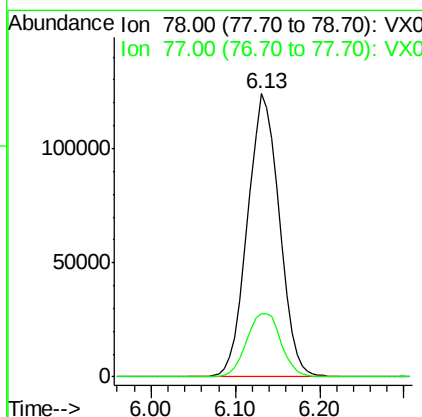
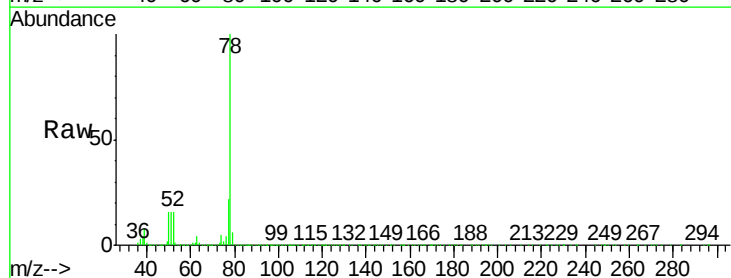
Manual Integrations
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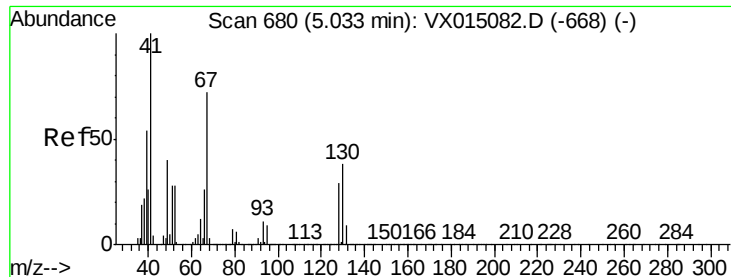
MMDadoda
3/6/2020 4:49:33 PM



#40
Benzene
Concen: 19.806 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 18.394 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

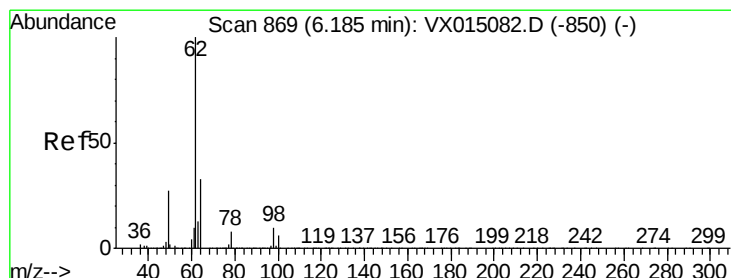
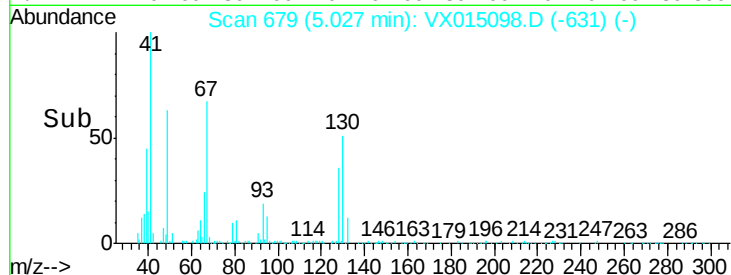
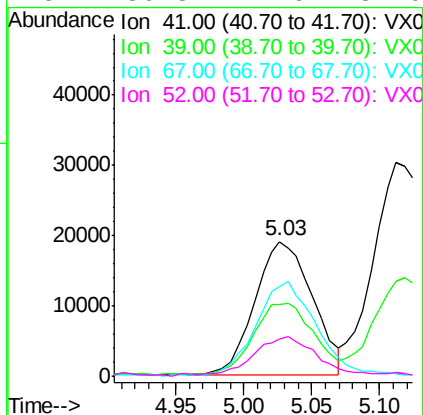
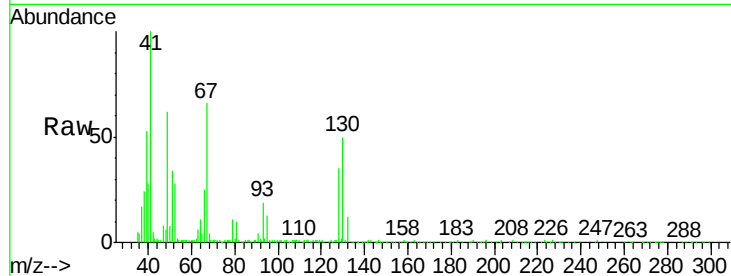
ClientSampled :

VX0305WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.9	65.9
67	75.7	57.8	86.8
52	30.8	22.6	34.0

Manual Integrations
APPROVED

MMDadoda
3/6/2020 4:49:33 PM



#42

1,2-Dichloroethane

Concen: 20.738 ug/l

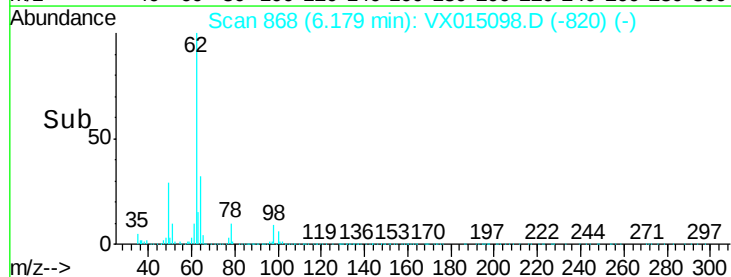
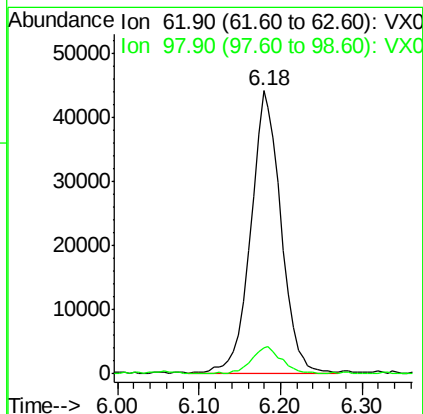
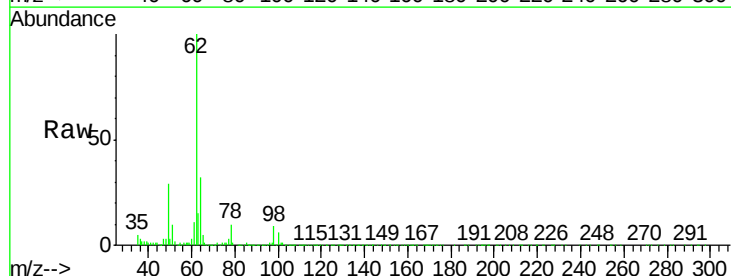
RT: 6.18 min Scan# 868

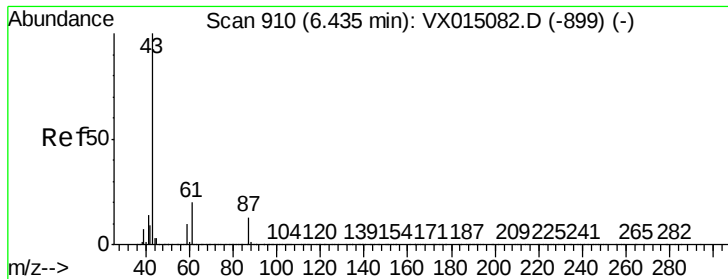
Delta R.T. -0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

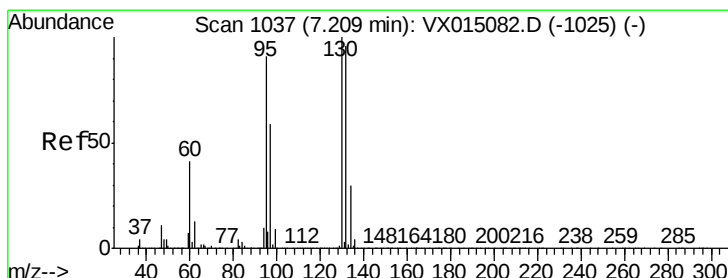
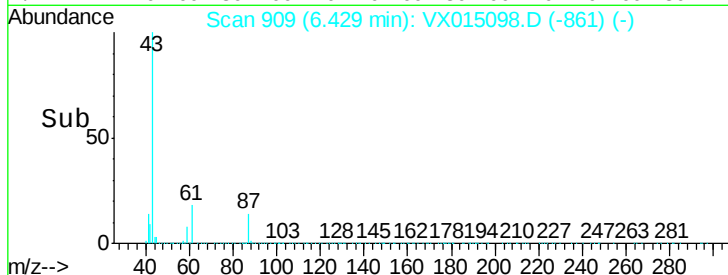
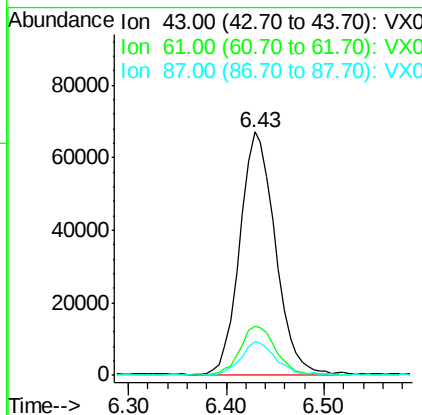
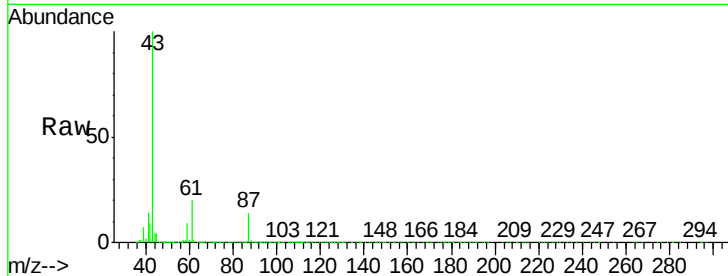
Isopropyl Acetate
 Concen: 19.005 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	12.9	10.6	16.0

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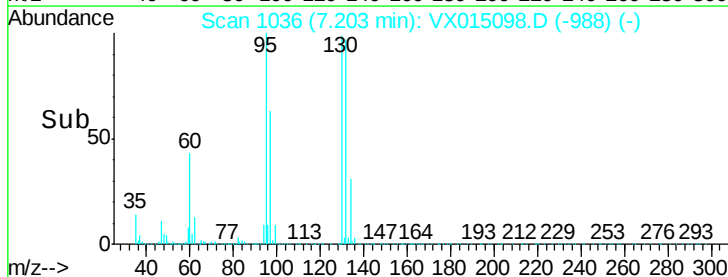
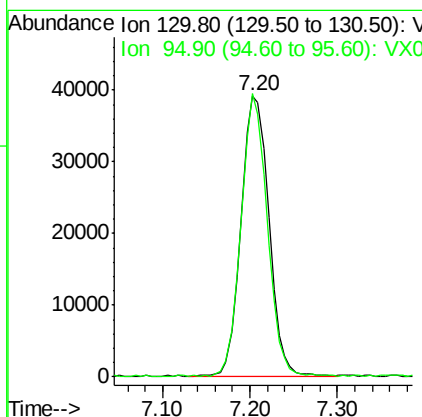
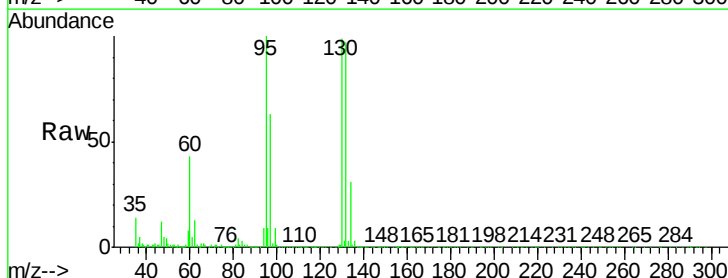
MMDadoda
 3/6/2020 4:49:33 PM

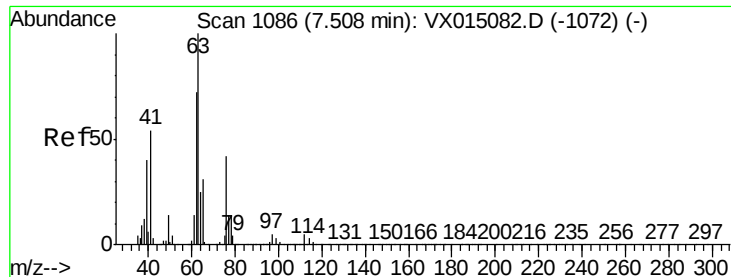


#44

Trichloroethene
 Concen: 19.352 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	181.2





#45

1,2-Dichloropropane

Concen: 20.083 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 63 Resp: 83583

Ion Ratio Lower Upper

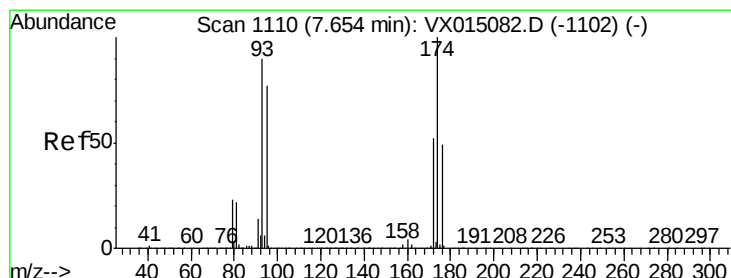
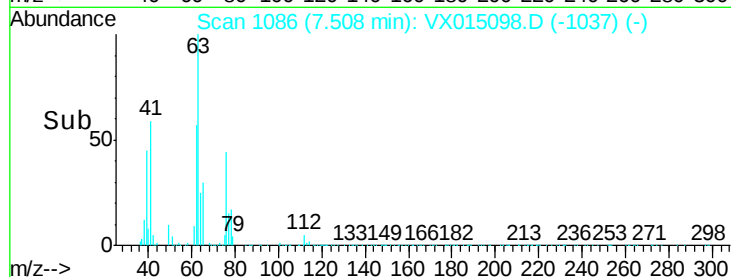
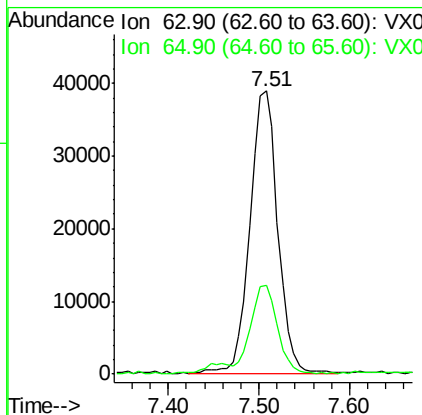
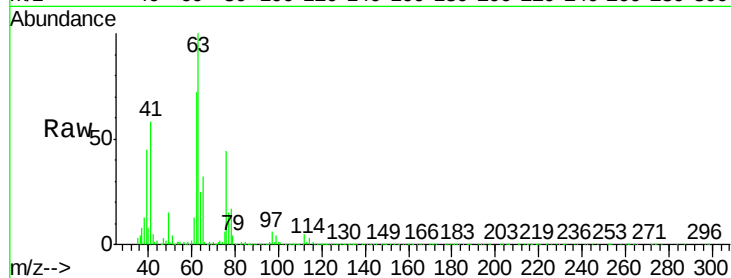
63 100

65 31.0 24.6 36.8

Manual Integrations
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#46

Dibromomethane

Concen: 19.566 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

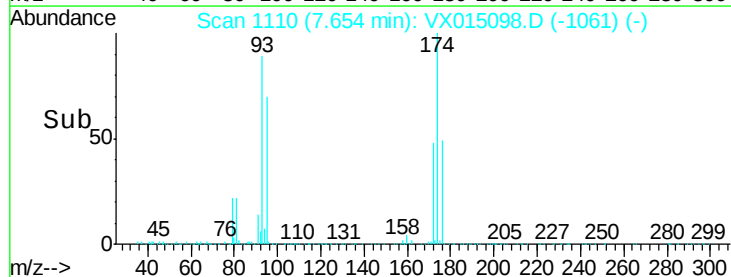
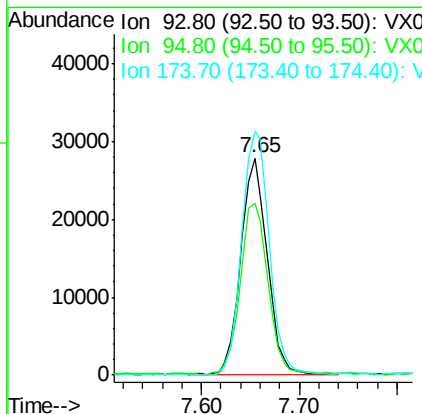
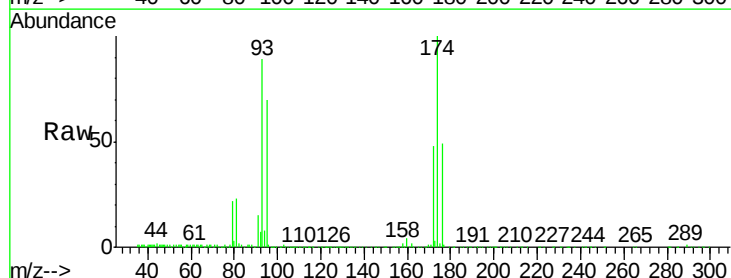
Tgt Ion: 93 Resp: 53060

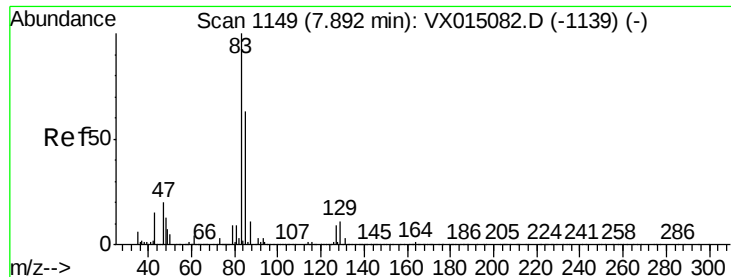
Ion Ratio Lower Upper

93 100

95 81.8 67.8 101.8

174 115.3 91.0 136.4





#47

Bromodichloromethane

Concen: 19.790 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

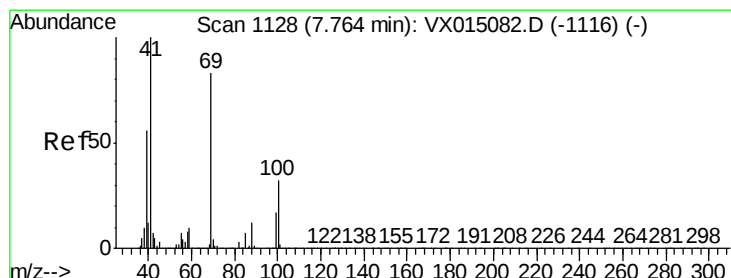
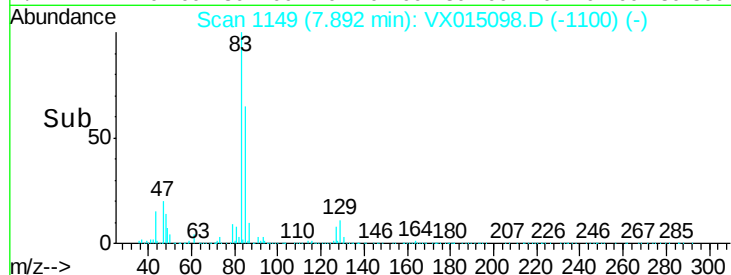
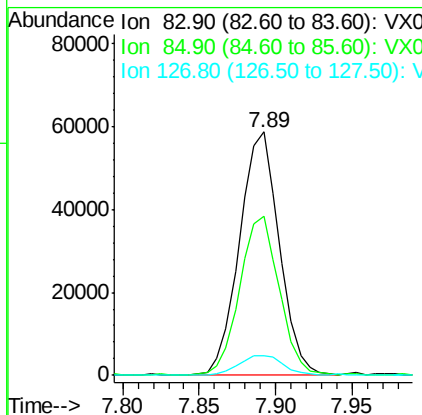
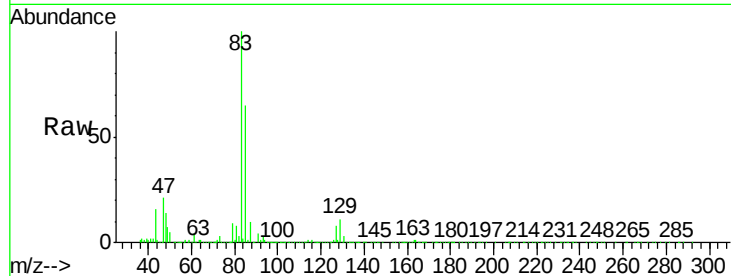
ClientSampleId :

VX0305WBS01

Tot Ion:	83	Resp:	106127
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.6	75.8
127	7.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.724 ug/l

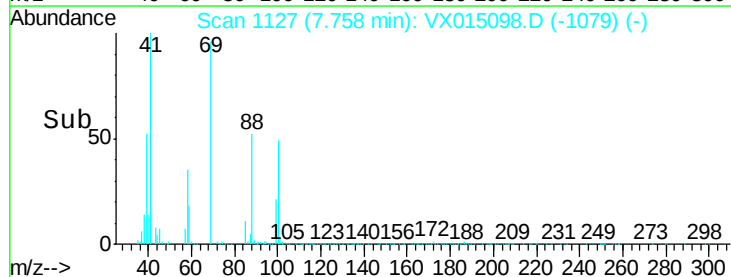
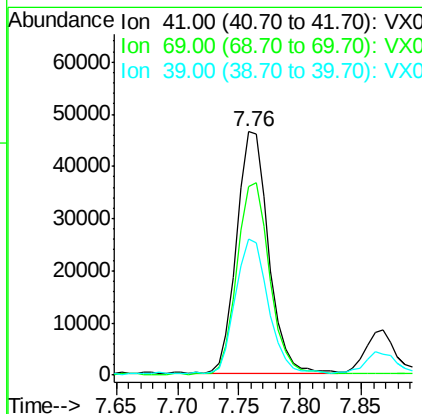
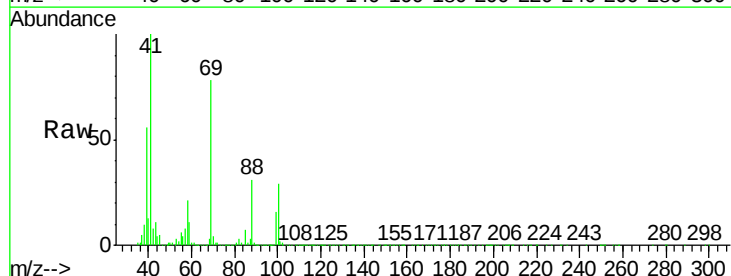
RT: 7.76 min Scan# 1127

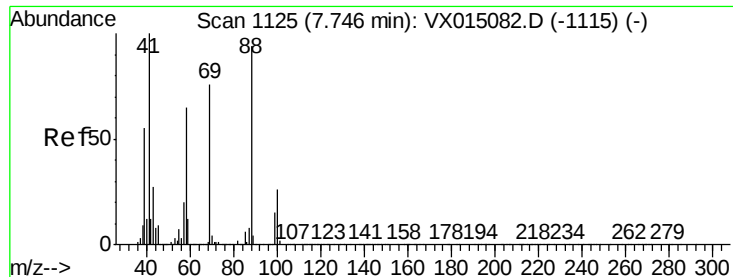
Delta R.T. -0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	41	Resp:	84281
Ion Ratio	Lower	Upper	
41	100		
69	81.0	65.4	98.2
39	57.3	44.6	67.0





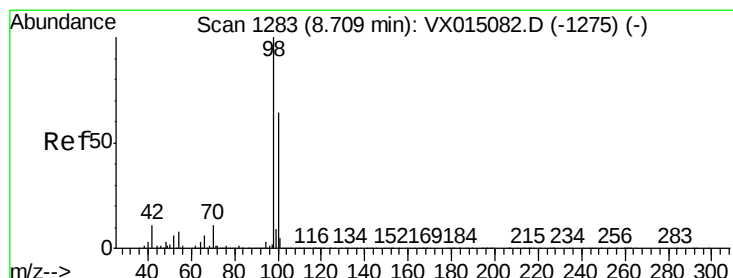
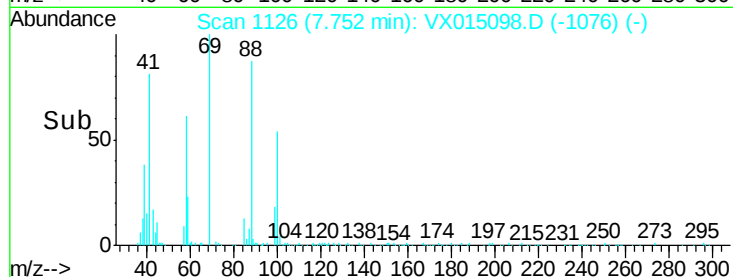
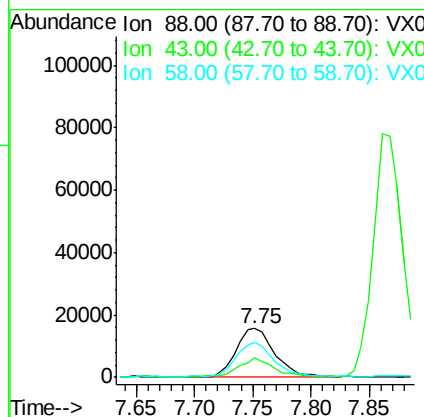
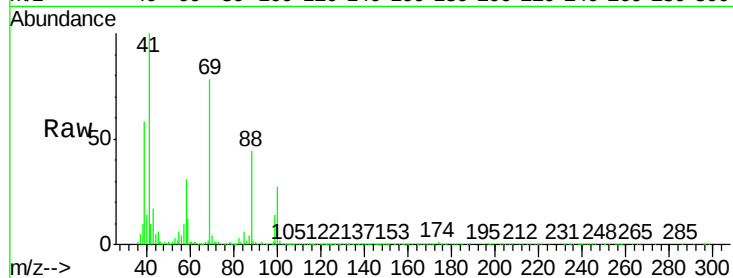
#49
1,4-Dioxane
Concen: 363.559 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.0	40.4
58	72.6	55.6	83.4

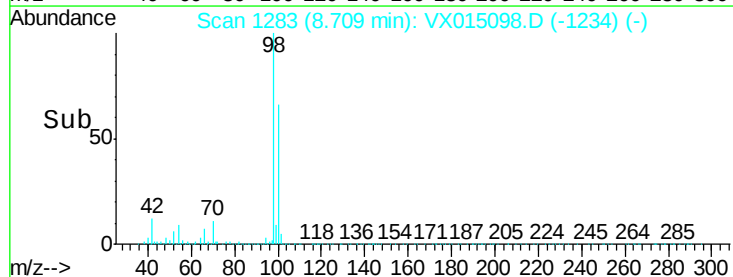
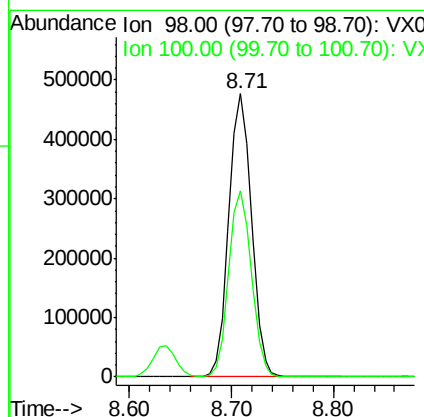
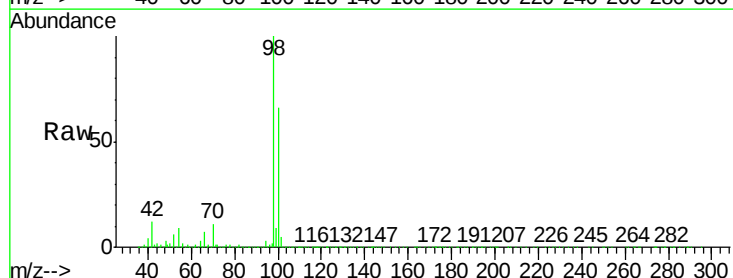
Manual Integrations
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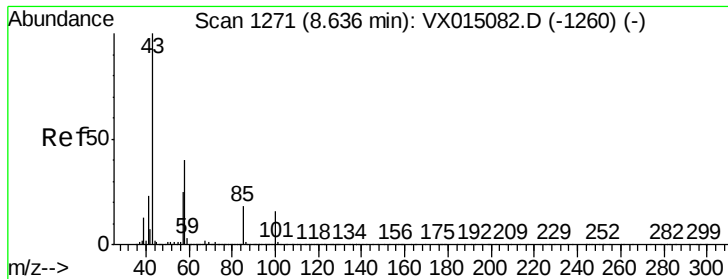
MMDadoda
3/6/2020 4:49:33 PM



#50
Toluene-d8
Concen: 52.275 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 99.921 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 43 Resp: 522487

Ion Ratio Lower Upper

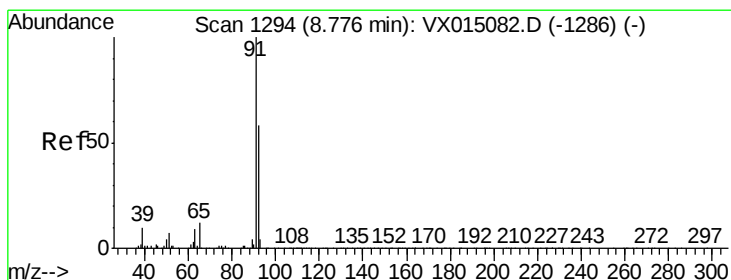
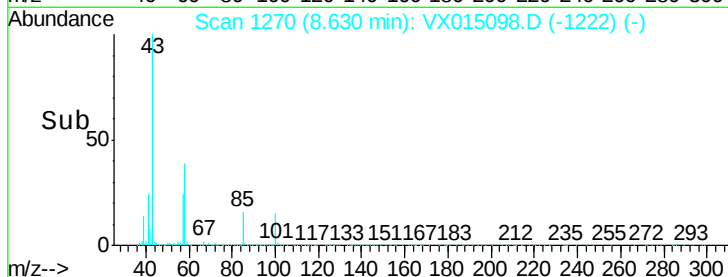
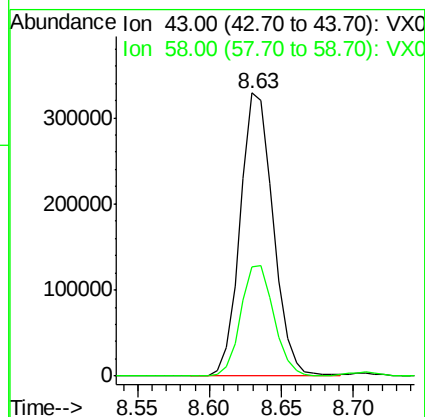
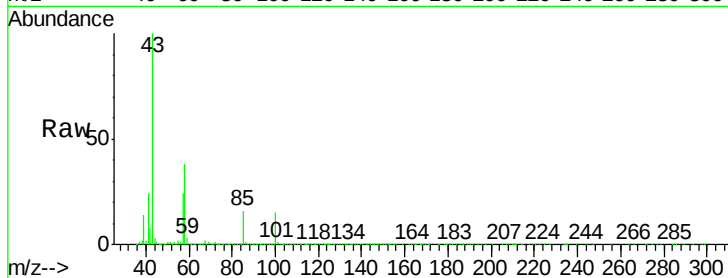
43 100

58 39.1 31.6 47.4

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#52

Toluene

Concen: 20.156 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015098.D

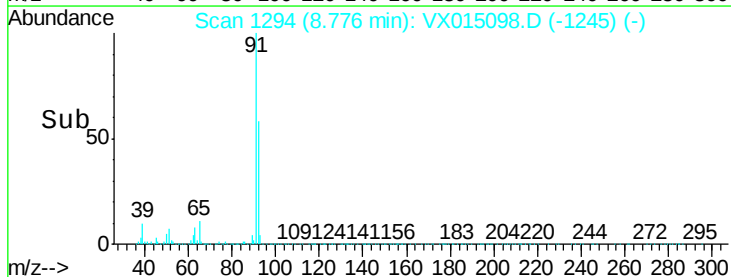
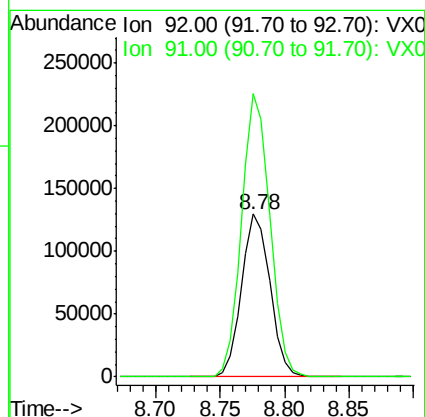
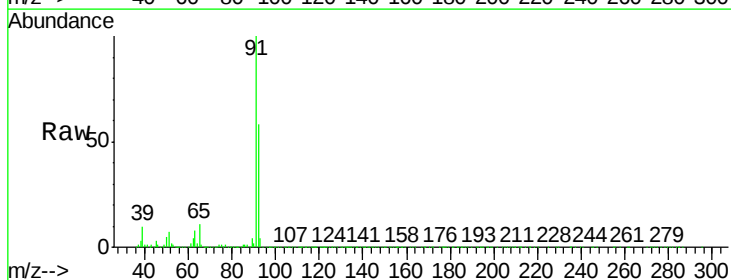
Acq: 05 Mar 2020 09:48

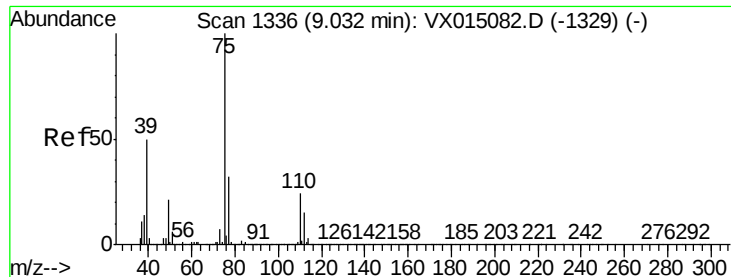
Tgt Ion: 92 Resp: 198157

Ion Ratio Lower Upper

92 100

91 172.9 136.9 205.3





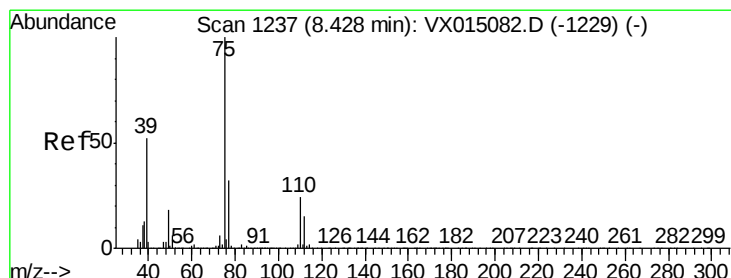
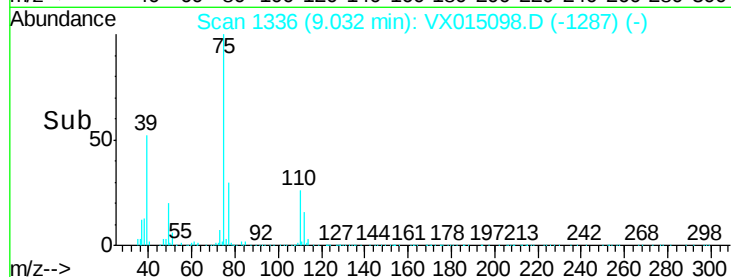
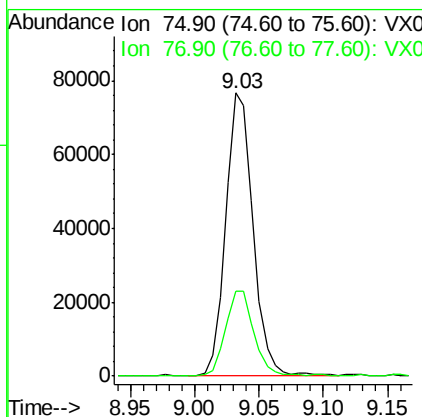
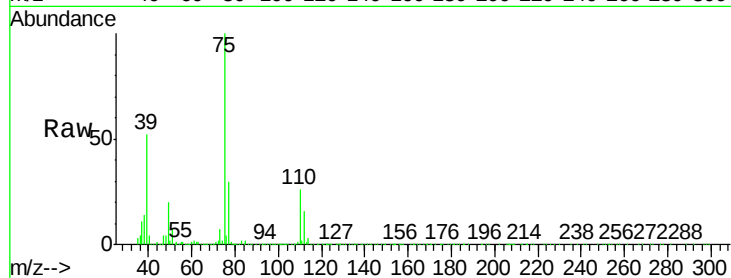
#53
t-1,3-Dichloropropene
Concen: 19.896 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0

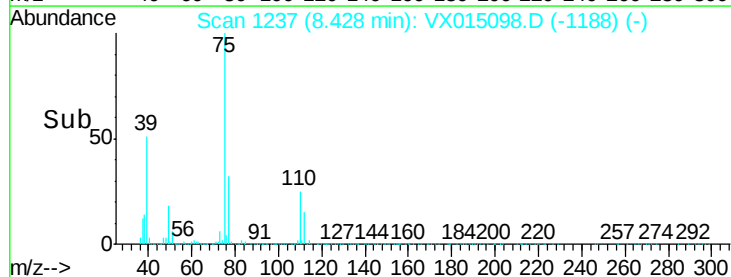
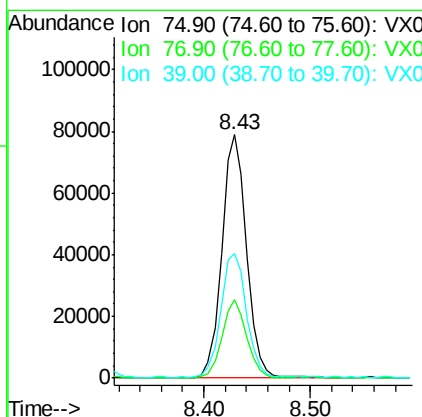
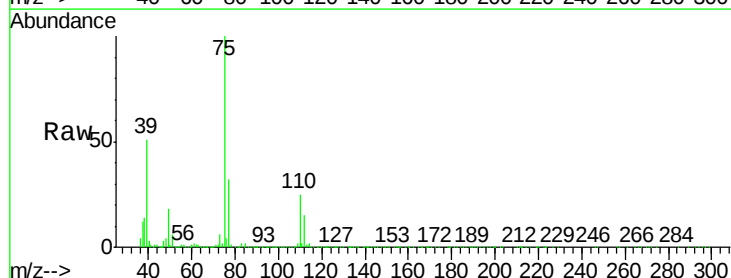
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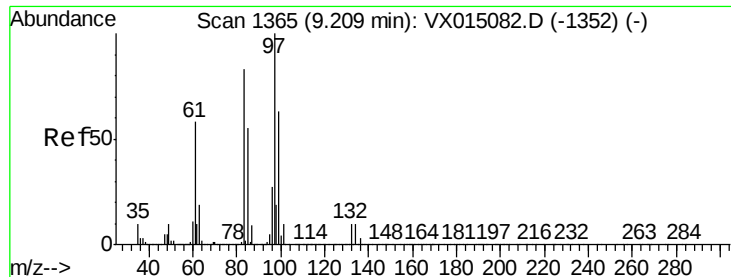
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#54
cis-1,3-Dichloropropene
Concen: 19.602 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	51.4	41.3	61.9





#55

1,1,2-Trichloroethane

Concen: 20.322 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

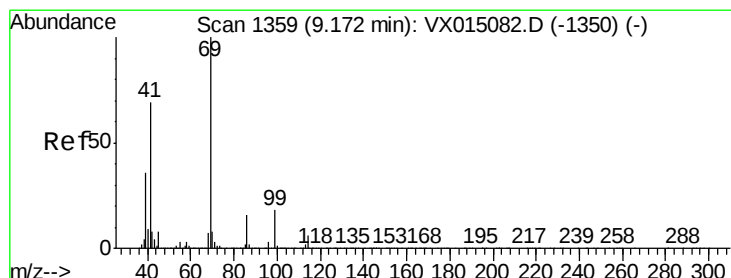
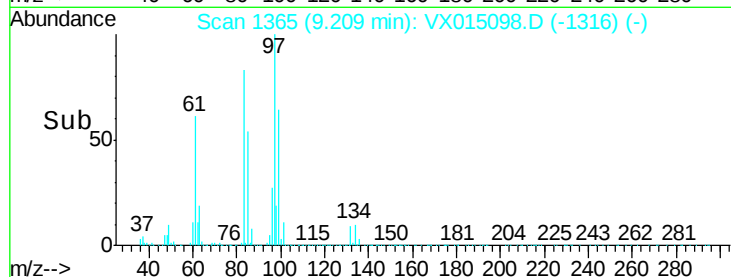
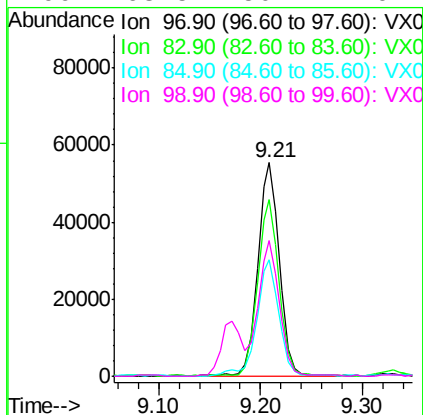
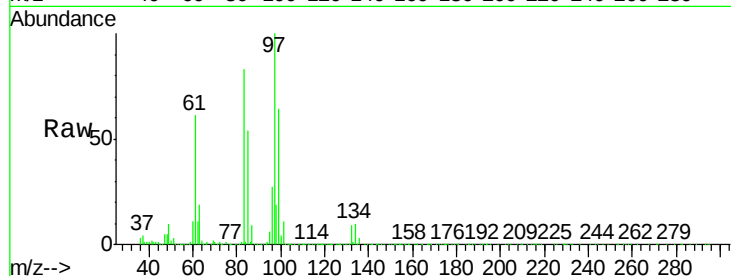
ClientSampleId :

VX0305WBS01

Tot Ion:	97	Resp:	82233
Ion Ratio	Lower	Upper	
97	100		
83	82.6	66.4	99.6
85	54.3	43.5	65.3
99	63.5	50.7	76.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.999 ug/l

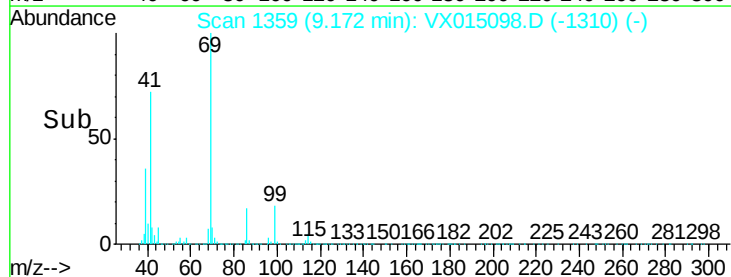
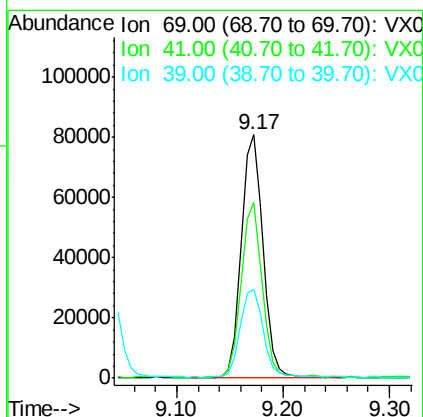
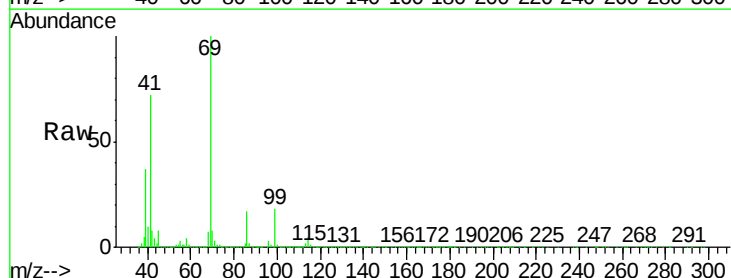
RT: 9.17 min Scan# 1359

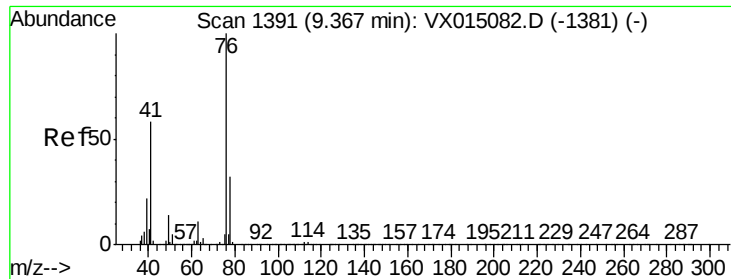
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	69	Resp:	115429
Ion Ratio	Lower	Upper	
69	100		
41	69.8	55.8	83.8
39	39.1	29.4	44.2





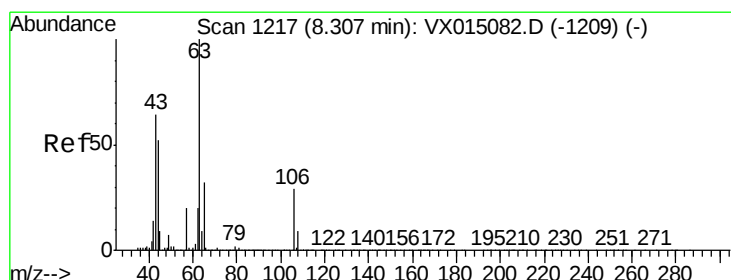
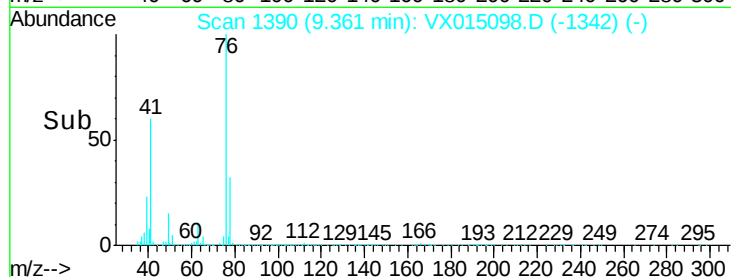
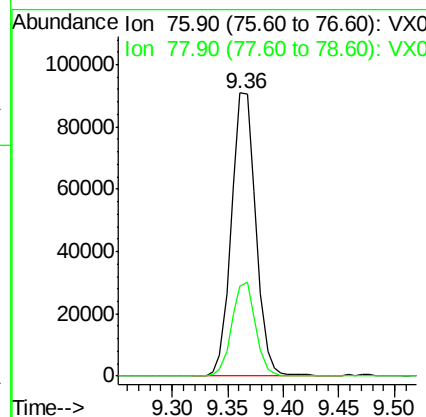
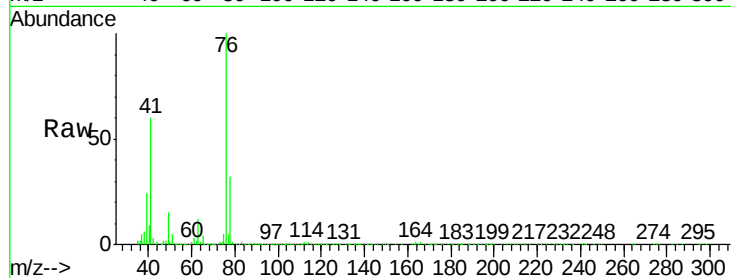
#57
 1,3-Dichloropropane
 Concen: 20.162 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.6	38.4

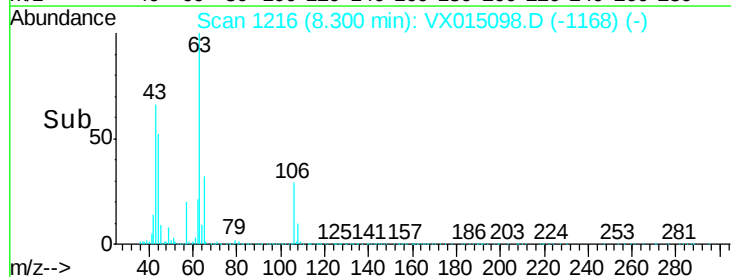
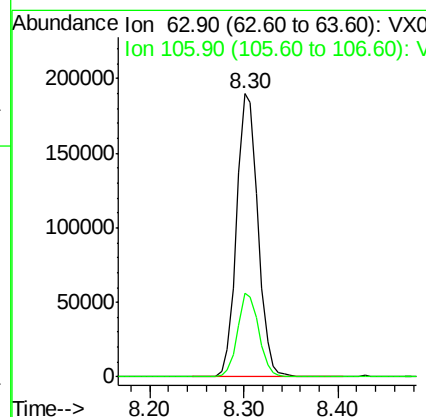
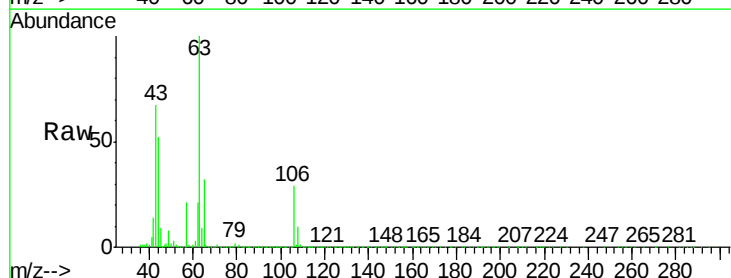
Manual Integrations
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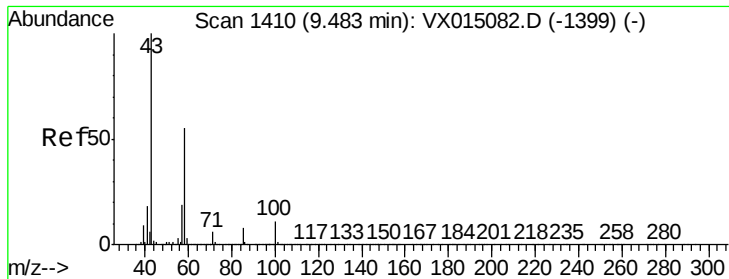
MMDadoda
 3/6/2020 4:49:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.168 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	22.8	34.2





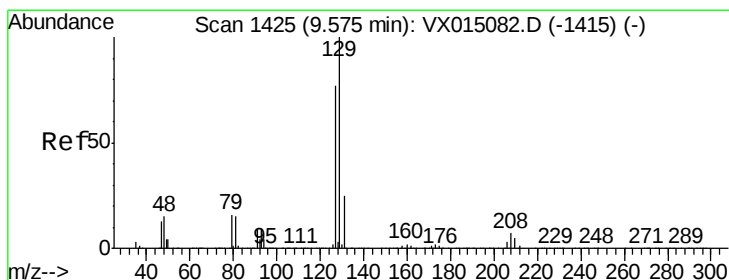
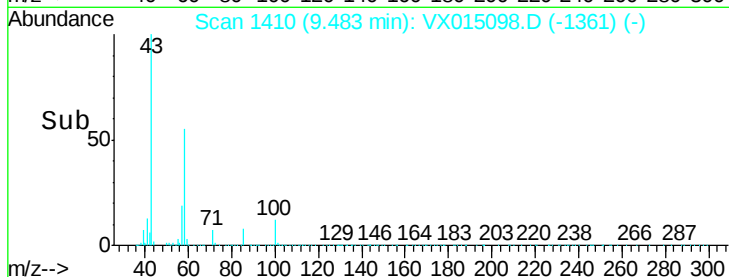
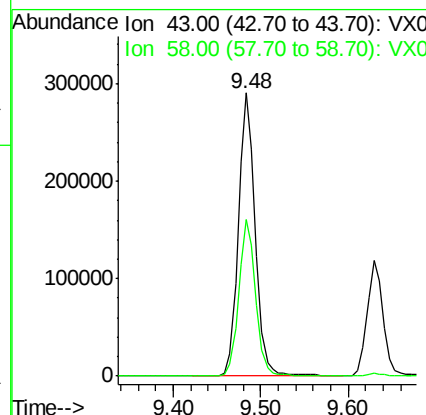
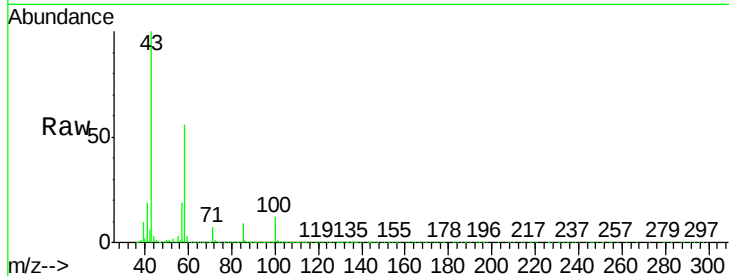
#59
2-Hexanone
Concen: 100.906 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion: 43 Resp: 391076
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

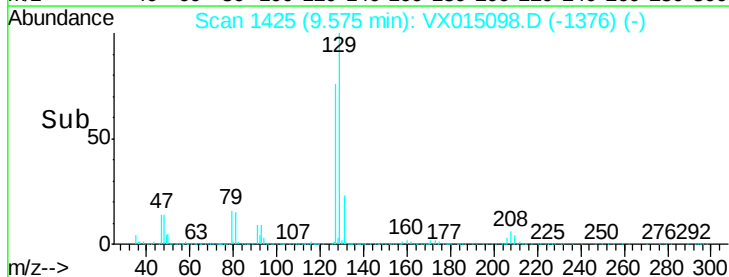
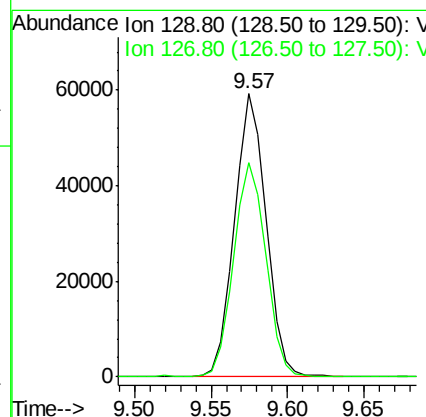
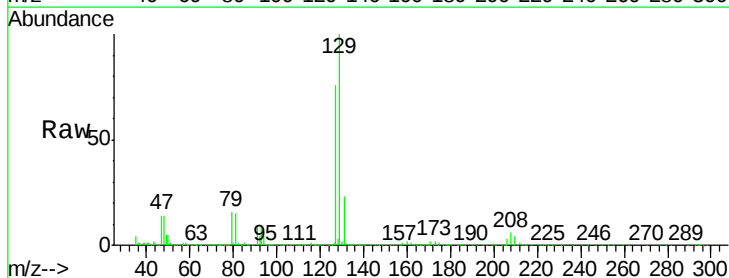
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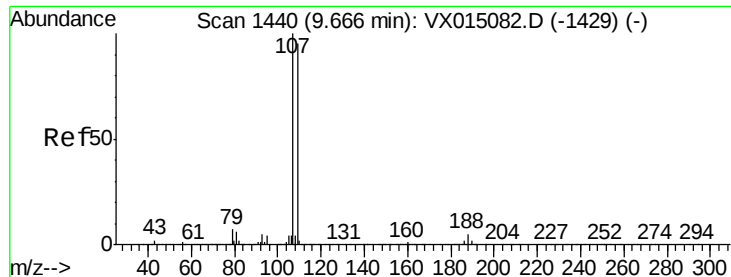
MMDadoda
3/6/2020 4:49:33 PM



#60
Dibromochloromethane
Concen: 19.835 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion: 129 Resp: 84312
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.516 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion: 107 Resp: 82949

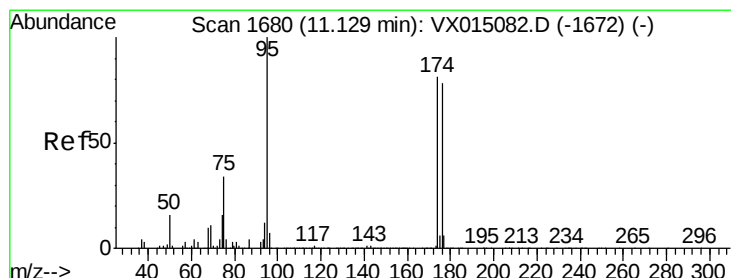
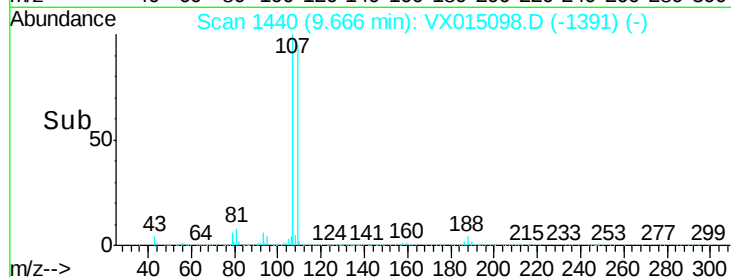
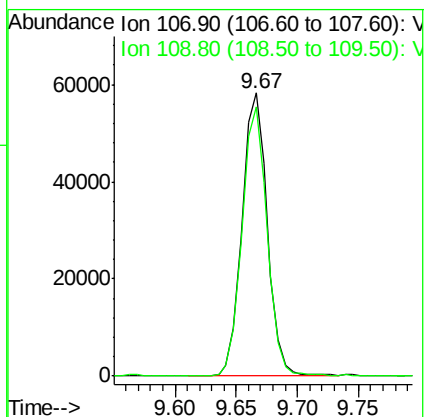
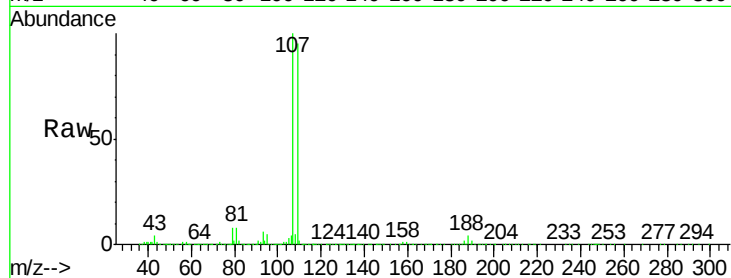
Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4

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3/6/2020 4:49:33 PM



#62

4-Bromofluorobenzene

Concen: 51.542 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

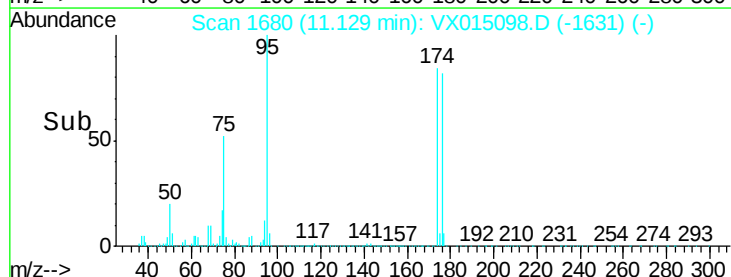
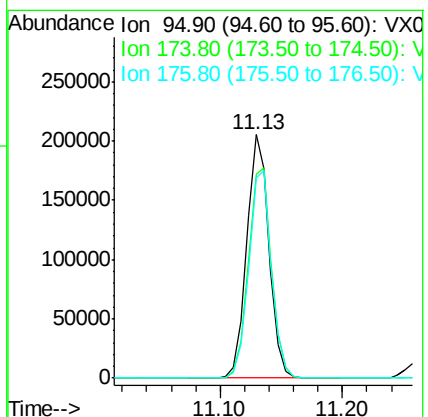
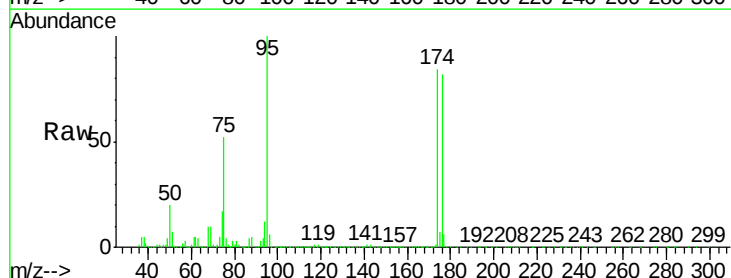
Tgt Ion: 95 Resp: 258640

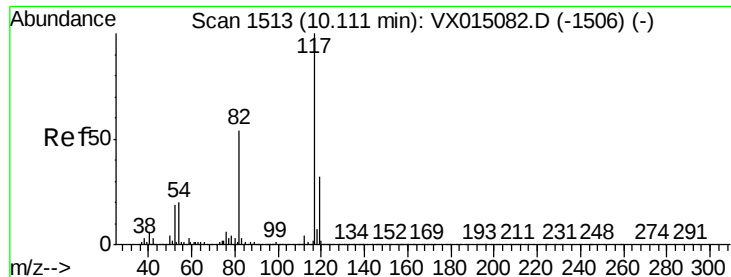
Ion Ratio Lower Upper

95 100

174 90.2 0.0 177.6

176 87.7 0.0 170.2





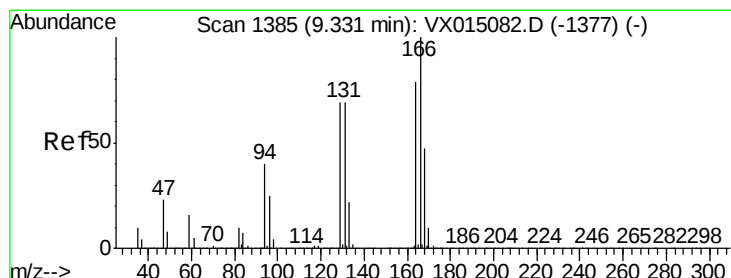
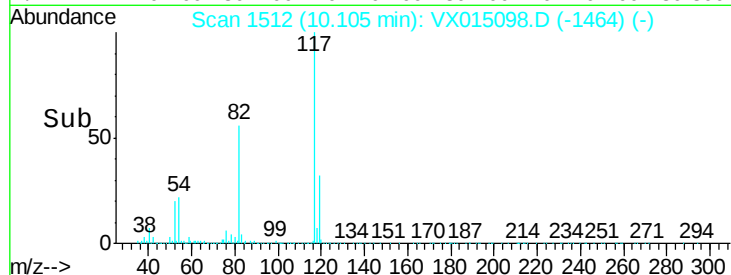
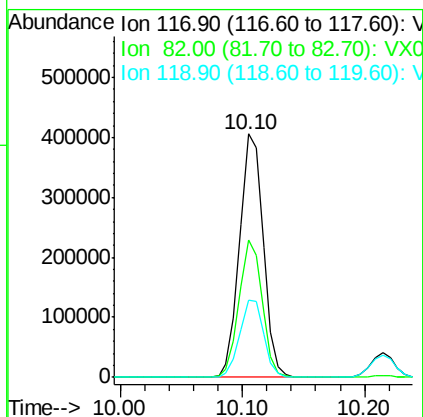
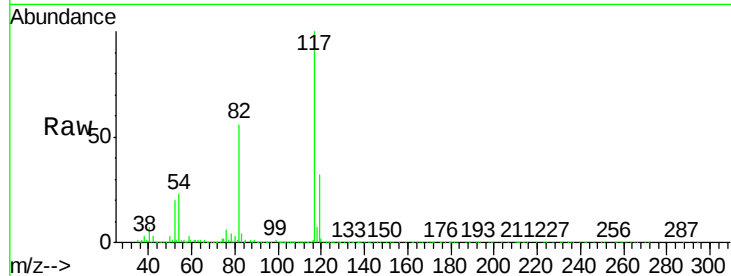
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	31.8	25.8	38.8

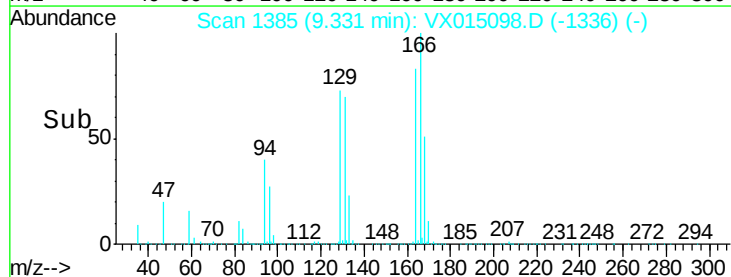
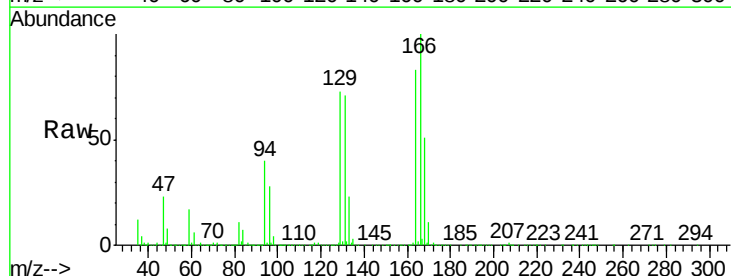
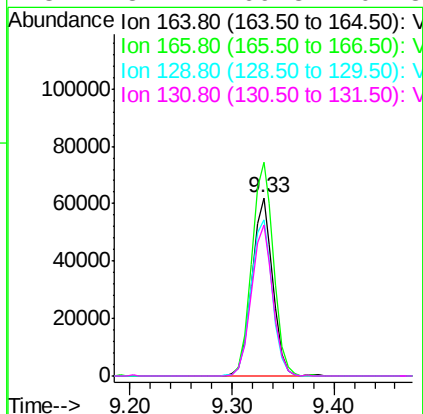
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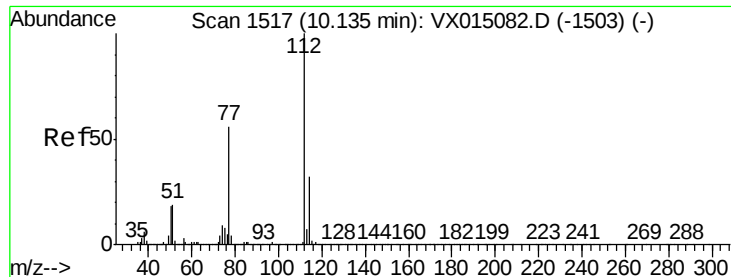
MMDadoda
3/6/2020 4:49:33 PM



#64
Tetrachloroethene
Concen: 19.829 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.8	101.1	151.7
129	87.8	69.4	104.0
131	84.4	69.8	104.8





#65

Chlorobenzene

Concen: 19.735 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion:112 Resp: 215190

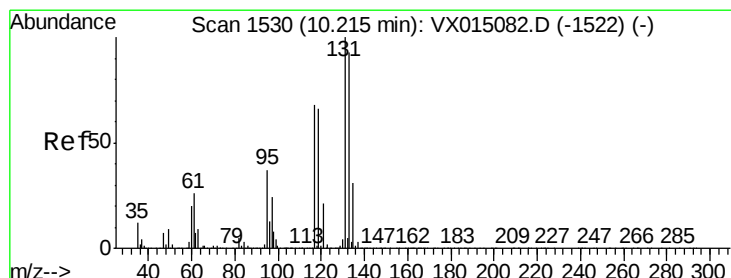
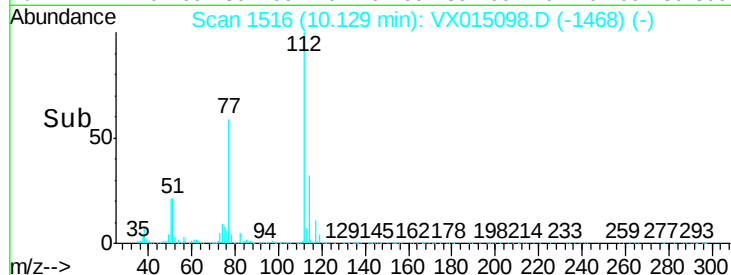
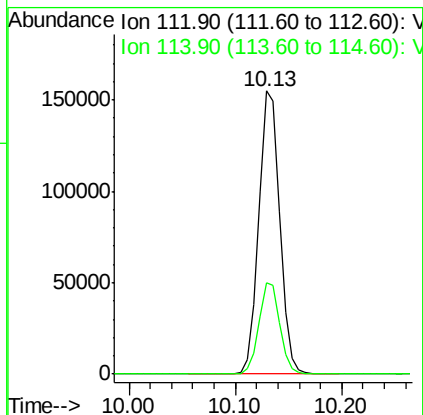
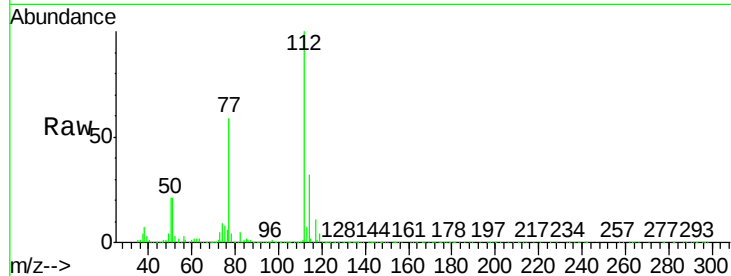
Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3

Manual Integrations
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3/6/2020 4:49:33 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.382 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

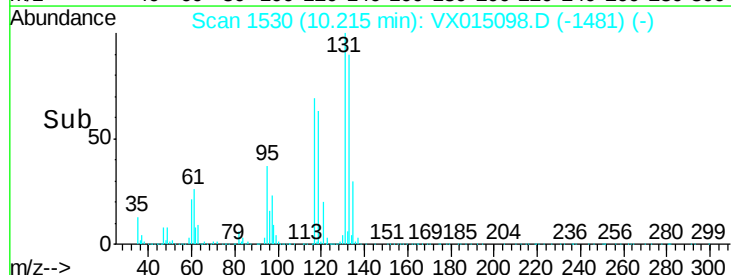
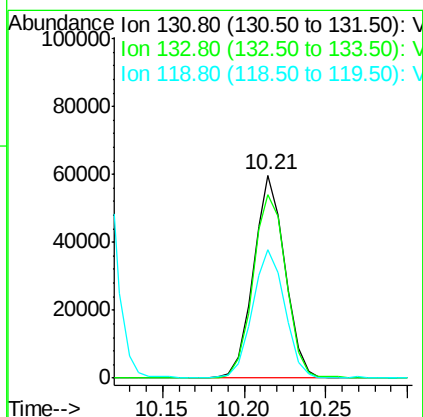
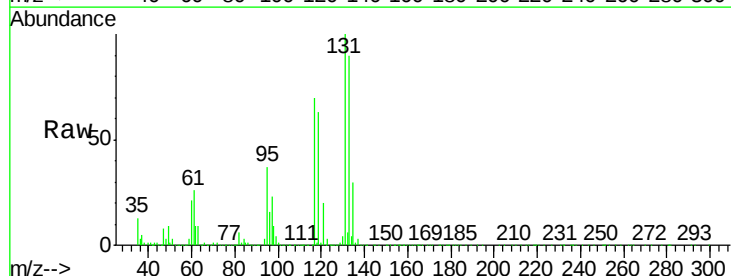
Tgt Ion:131 Resp: 79692

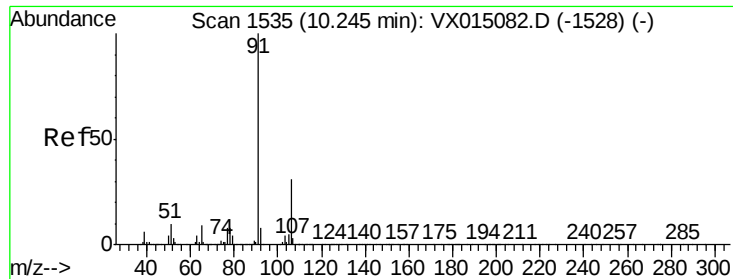
Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.5

119 64.9 33.4 100.1





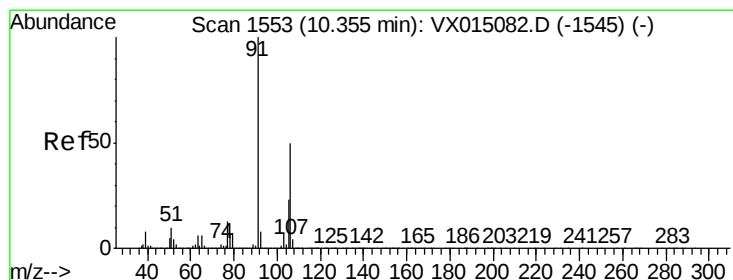
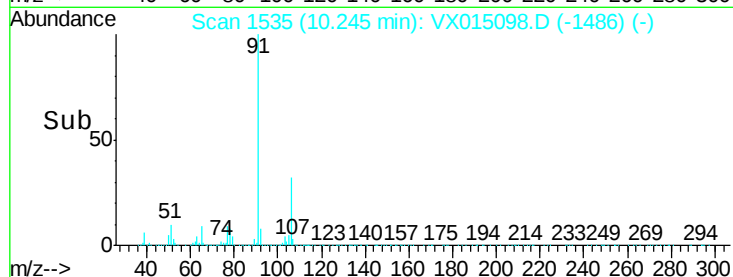
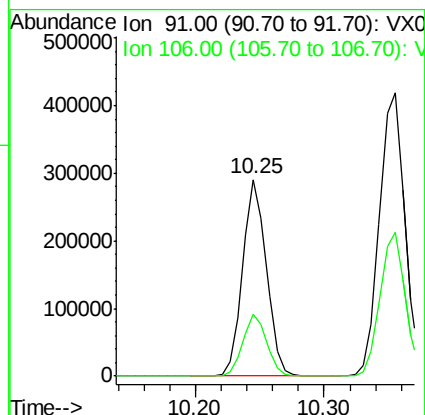
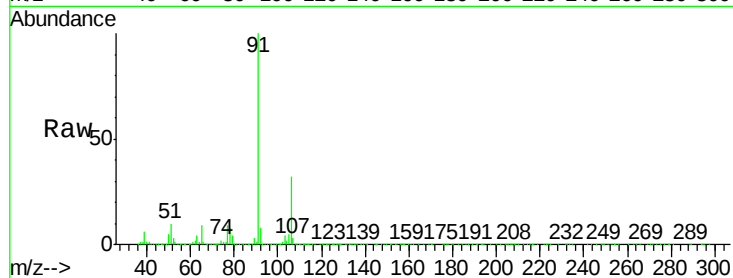
#67
Ethyl Benzene
Concen: 19.971 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion: 91 Resp: 369782
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

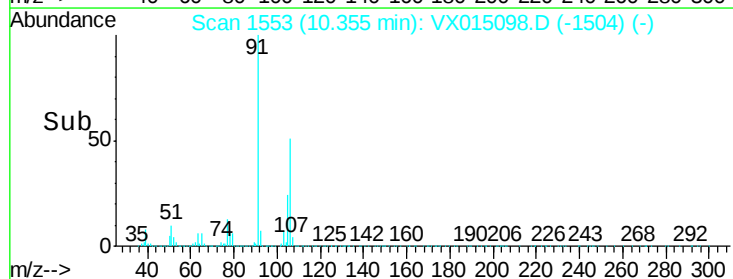
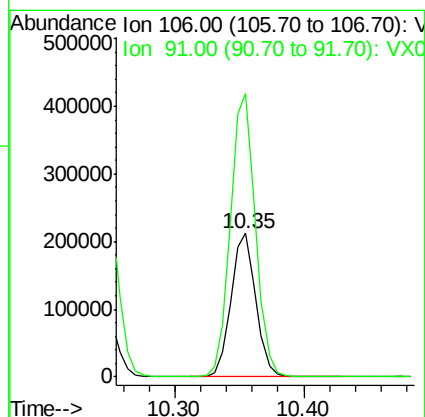
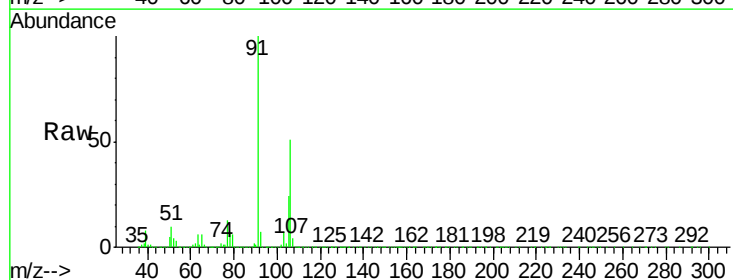
Manual Integrations
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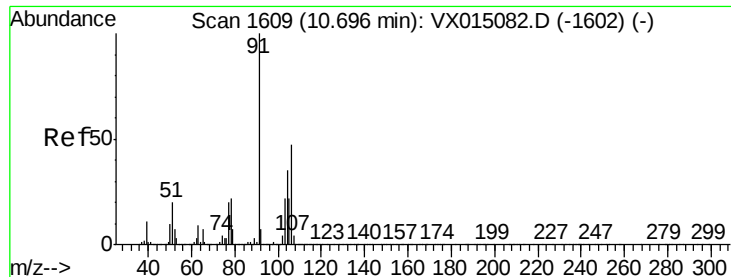
MMDadoda
3/6/2020 4:49:33 PM



#68
m/p-Xylenes
Concen: 40.578 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion: 106 Resp: 285856
Ion Ratio Lower Upper
106 100
91 198.8 159.4 239.2





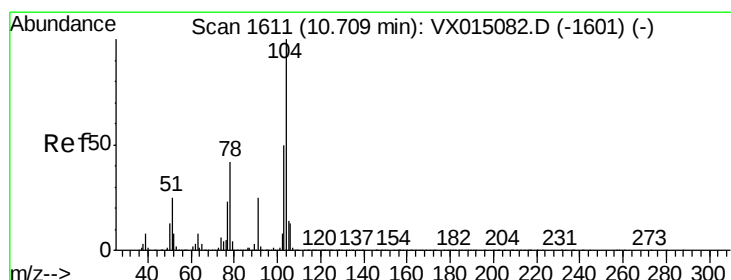
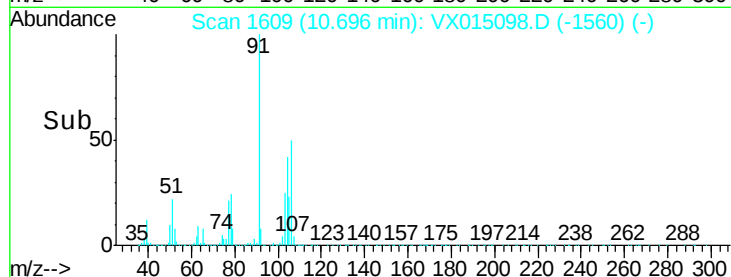
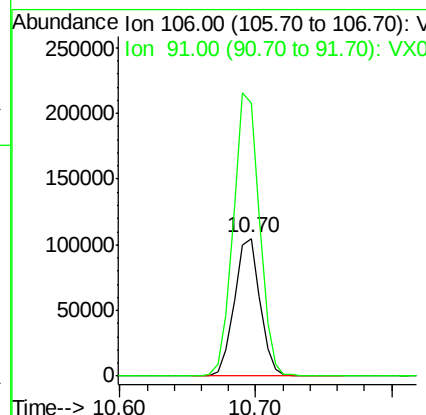
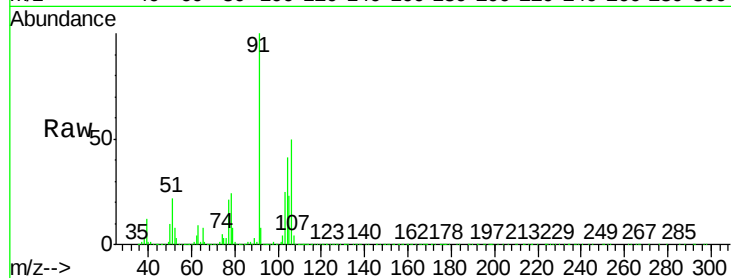
#69
o-Xylene
Concen: 20.226 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampled :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	105.4	316.1

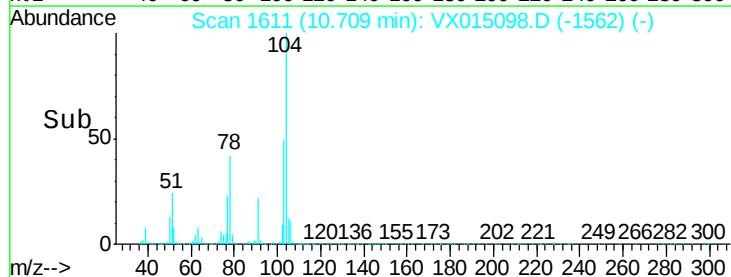
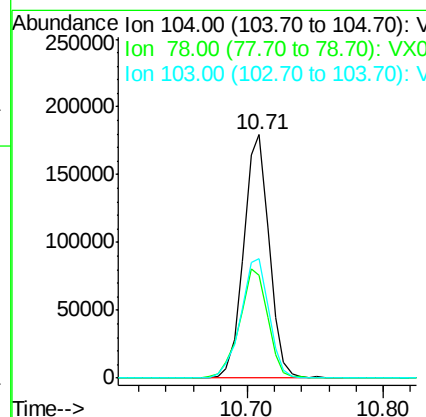
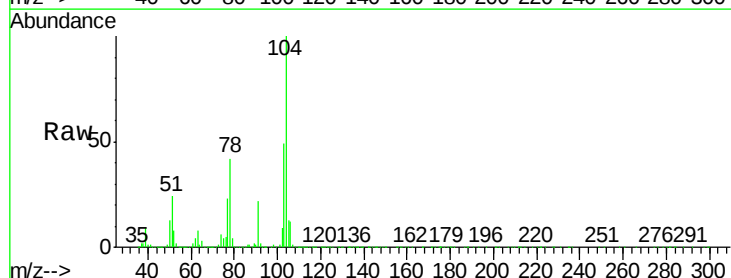
Manual Integrations
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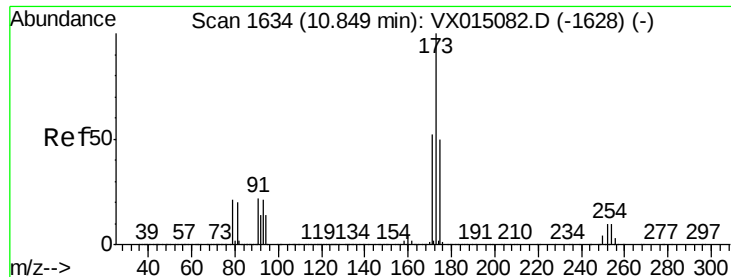
MMDadoda
3/6/2020 4:49:33 PM



#70
Styrene
Concen: 20.252 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.0	58.4
103	54.4	43.7	65.5





#71

Bromoform

Concen: 19.552 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

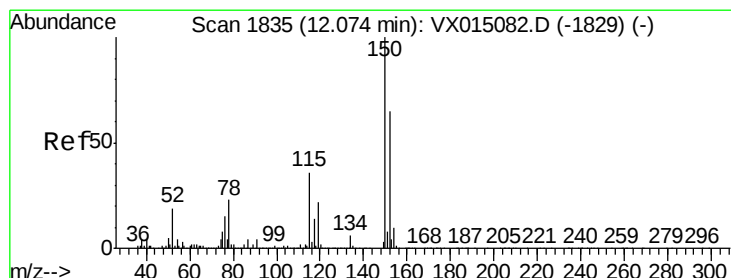
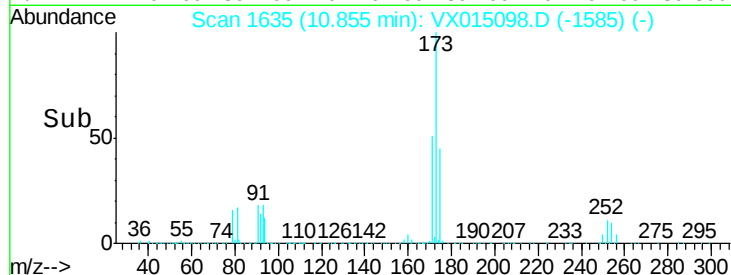
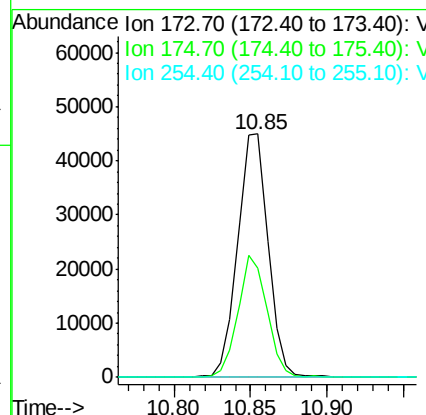
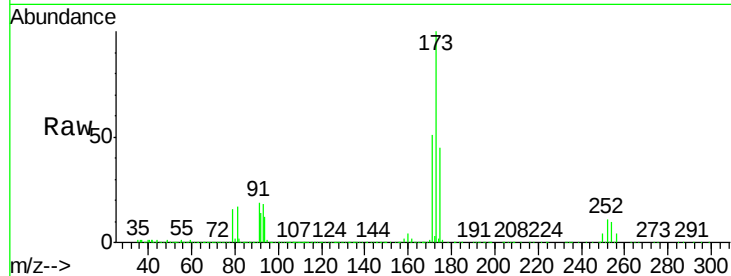
ClientSampleId :

VX0305WBS01

Tot Ion:	173	Resp:	62340
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.9	74.7
254	0.3	0.2	0.2#

Manual Integrations
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3/6/2020 4:49:33 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

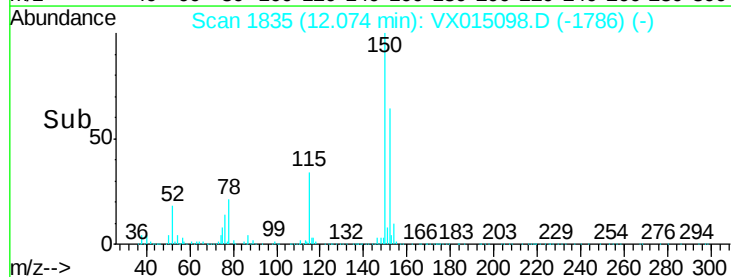
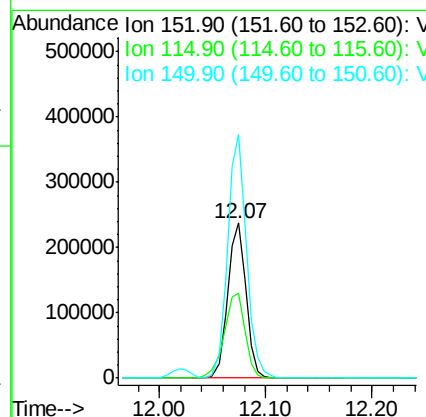
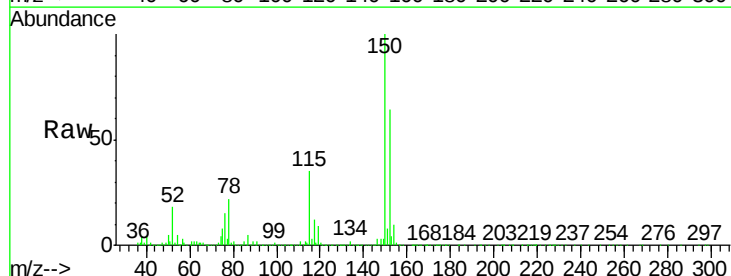
RT: 12.07 min Scan# 1835

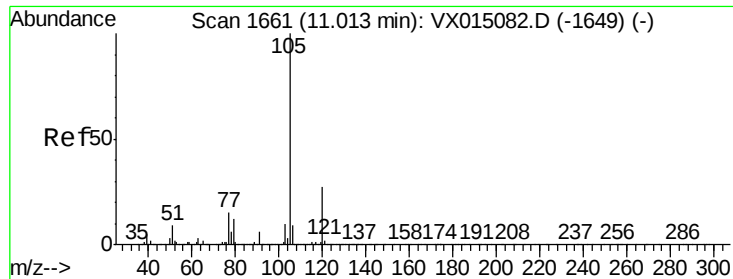
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	152	Resp:	284193
Ion Ratio	Lower	Upper	
152	100		
115	62.7	38.2	114.6
150	162.6	0.0	343.8





#73

Isopropylbenzene

Concen: 20.108 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion:105 Resp: 365044

Ion Ratio Lower Upper

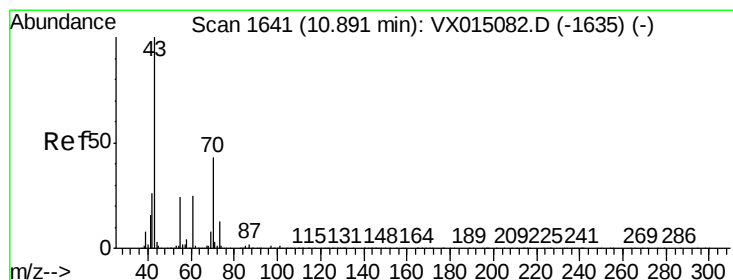
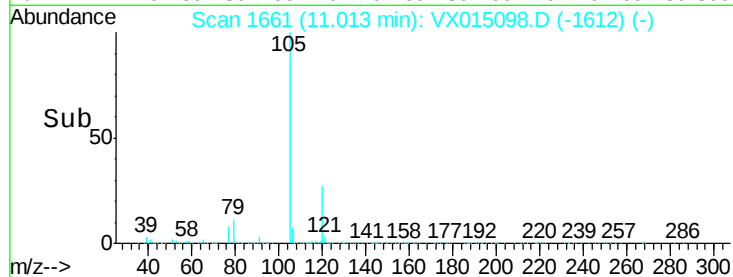
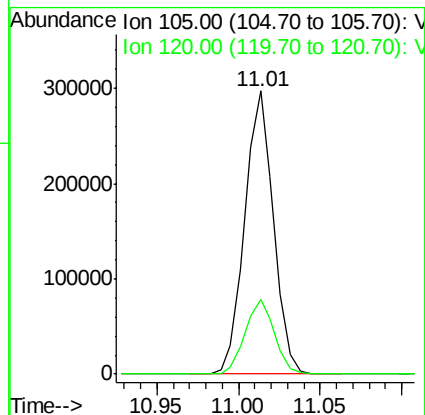
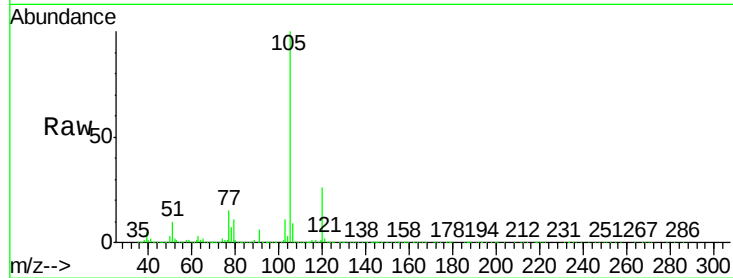
105 100

120 26.8 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.116 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion: 43 Resp: 146256

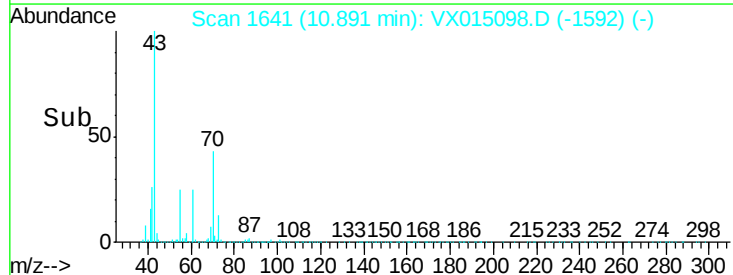
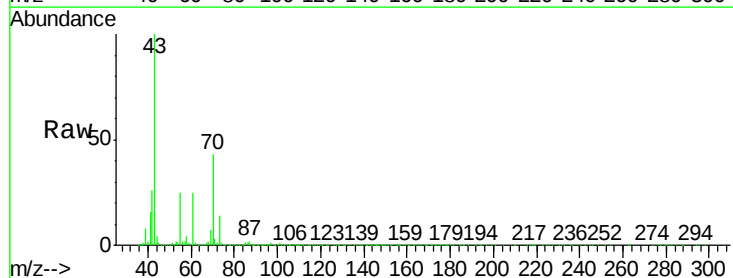
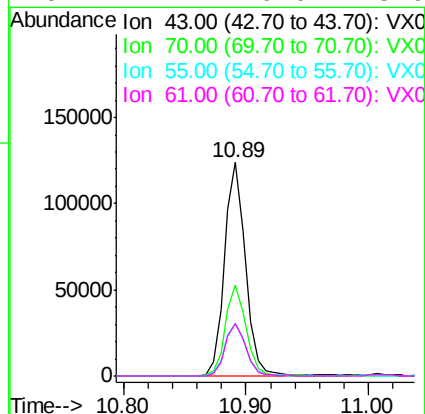
Ion Ratio Lower Upper

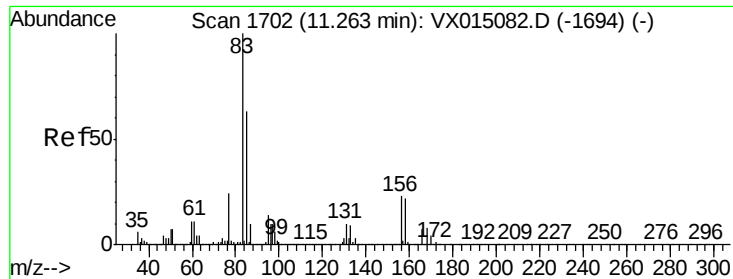
43 100

70 42.0 34.7 52.1

55 25.7 19.4 29.0

61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.179 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

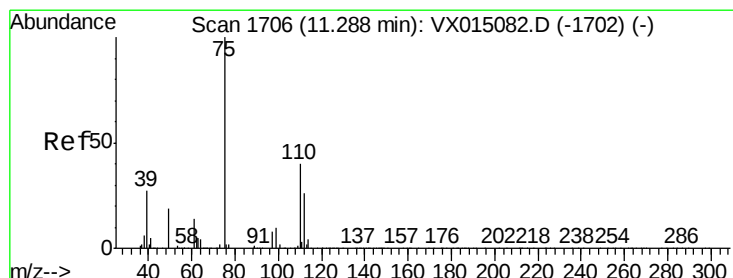
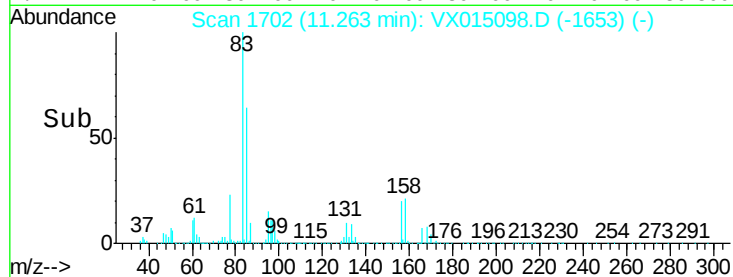
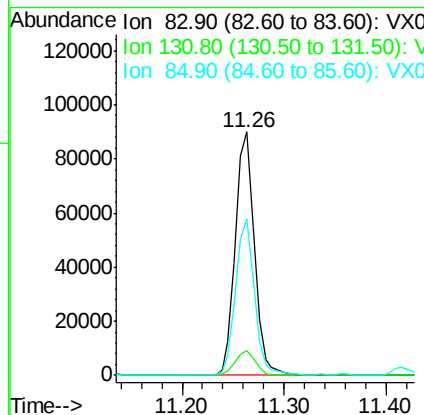
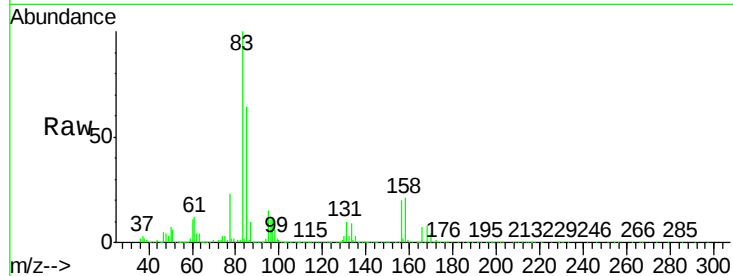
ClientSampleId :

VX0305WBS01

Tot Ion:	83	Resp:	116036
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.0	14.9
85	63.4	31.9	95.9

Manual Integrations
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3/6/2020 4:49:33 PM



#76

1,2,3-Trichloropropane

Concen: 19.461 ug/l m

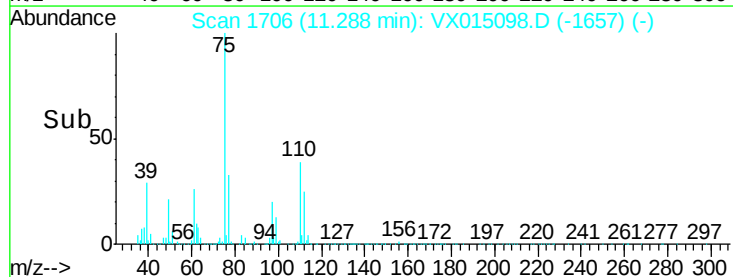
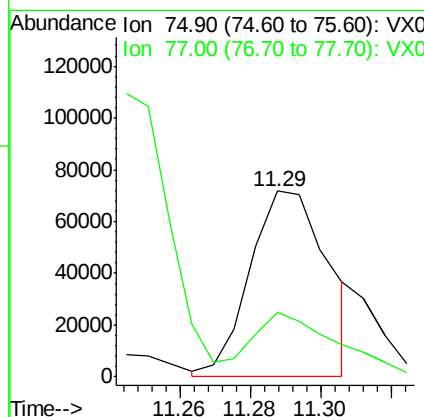
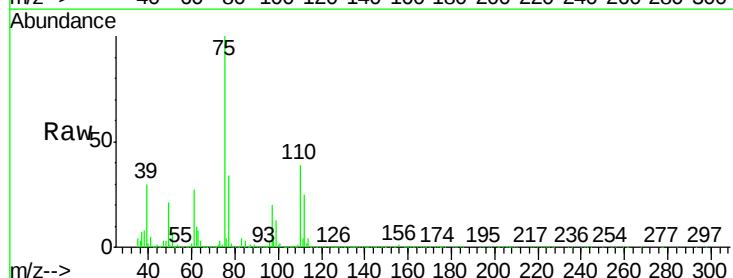
RT: 11.29 min Scan# 1706

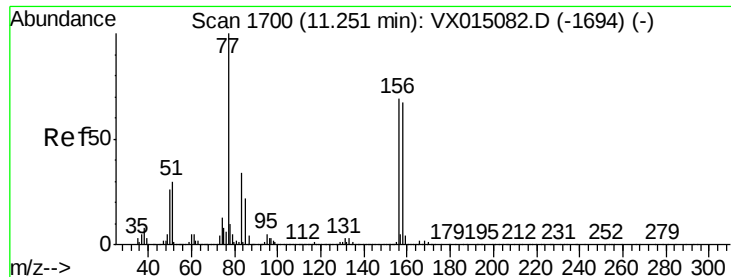
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	75	Resp:	110323
Ion Ratio	Lower	Upper	
75	100		
77	38.2	22.6	67.8





#77

Bromobenzene

Concen: 18.946 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

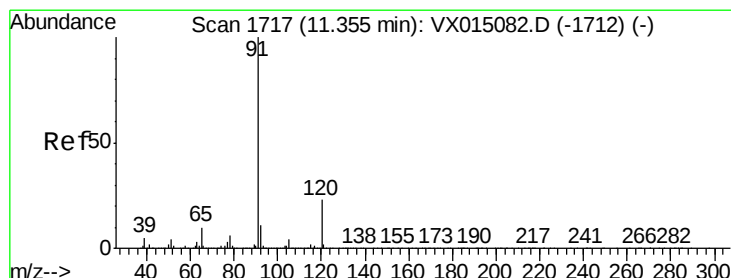
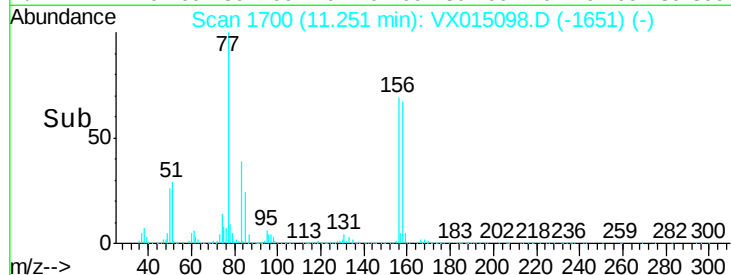
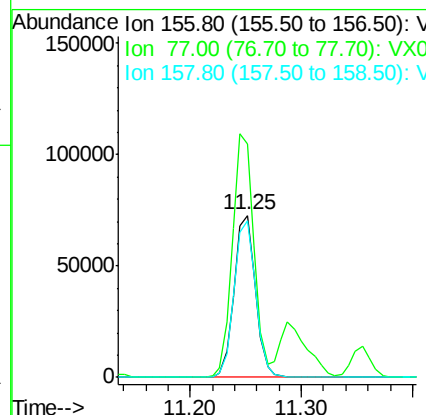
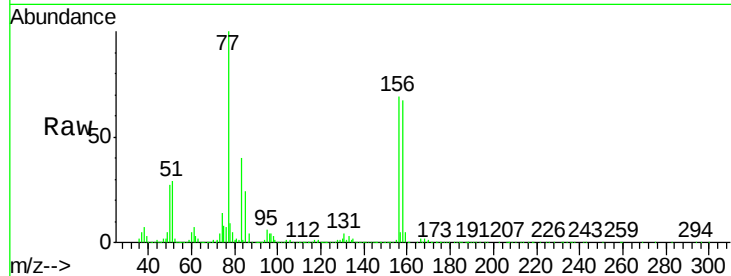
ClientSampleId :

VX0305WBS01

Tot Ion:	156	Resp:	95857
Ion Ratio	Lower	Upper	
156	100		
77	150.9	75.3	225.9
158	98.3	48.5	145.6

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#78

n-propylbenzene

Concen: 20.217 ug/l

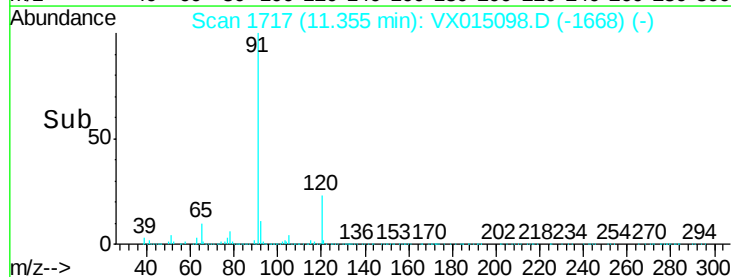
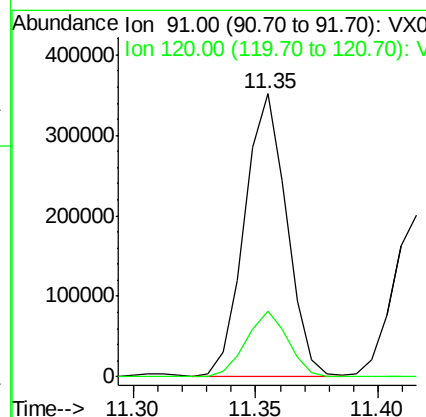
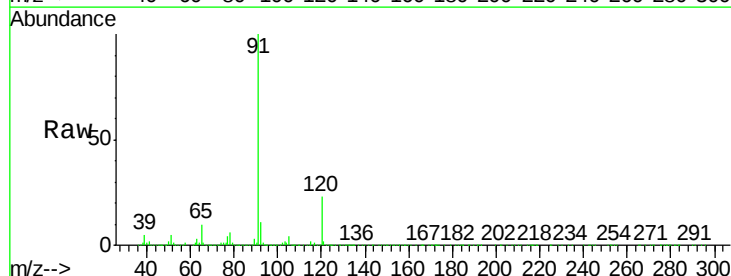
RT: 11.35 min Scan# 1717

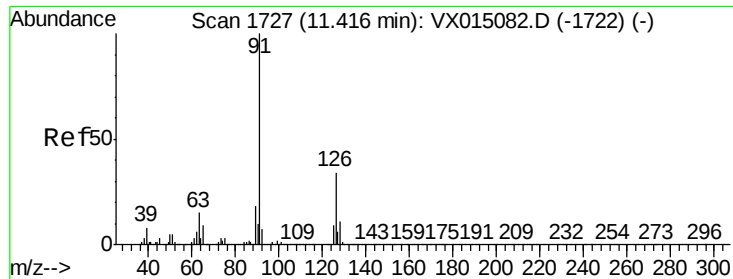
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion:	91	Resp:	419324
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





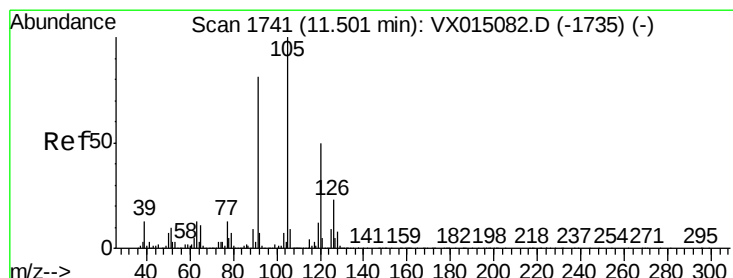
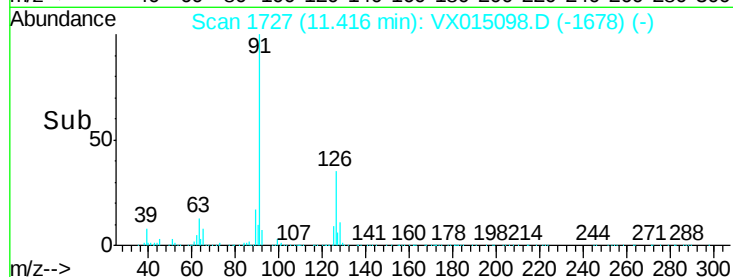
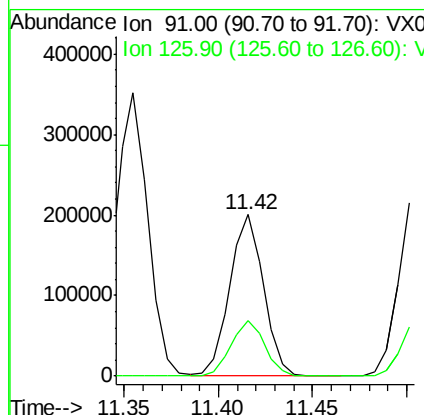
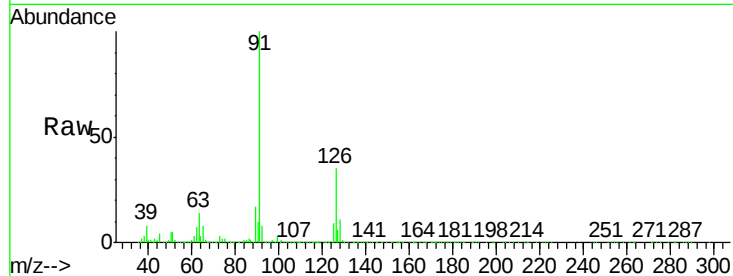
#79
2-Chlorotoluene
Concen: 19.931 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion: 91 Resp: 246874
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0

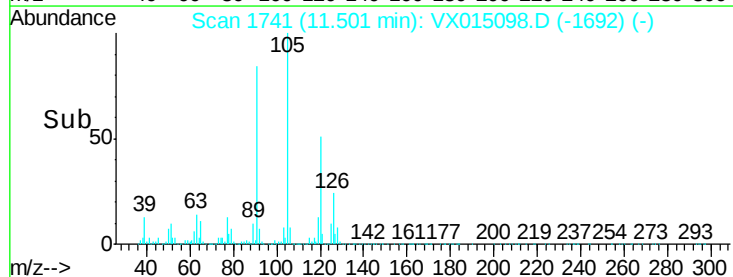
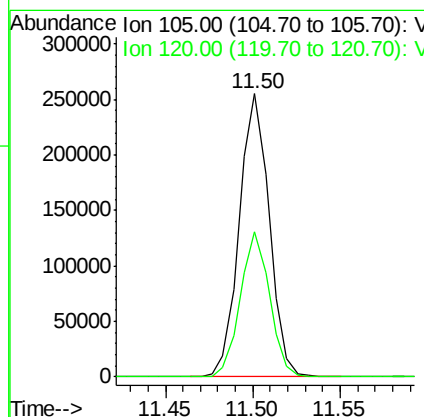
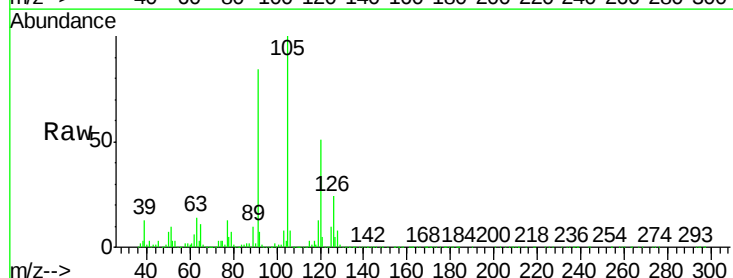
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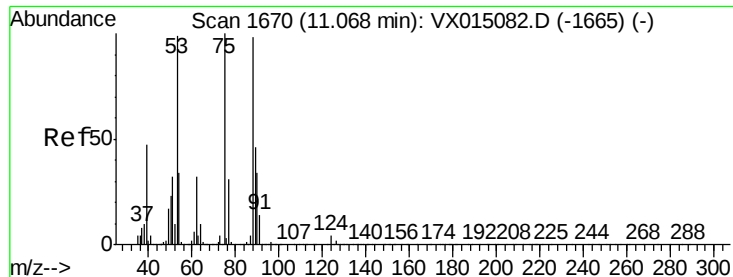
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.055 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion: 105 Resp: 303083
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.4





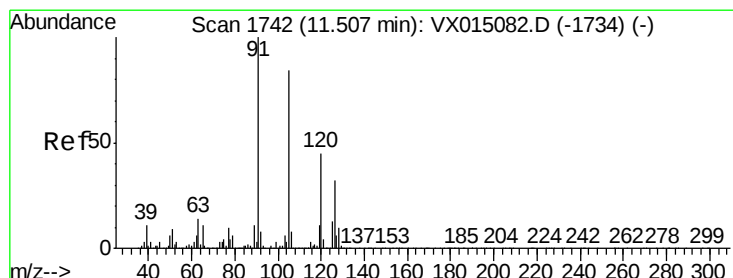
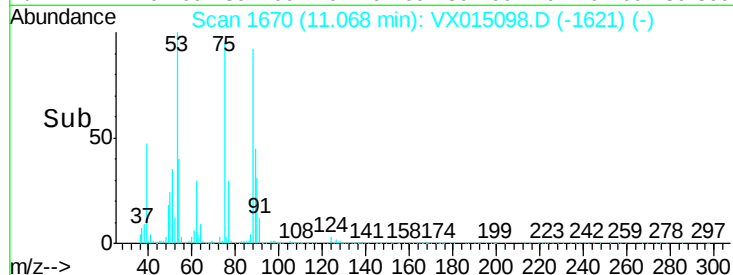
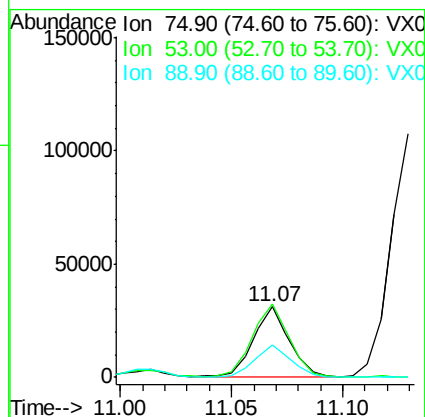
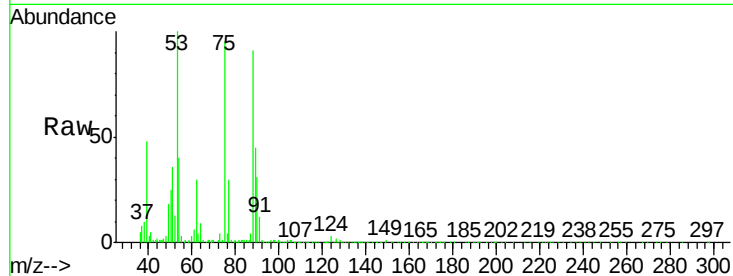
#81
trans-1,4-Dichloro-2-butene
Concen: 17.063 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.9	77.9	116.9
89	47.2	36.2	54.2

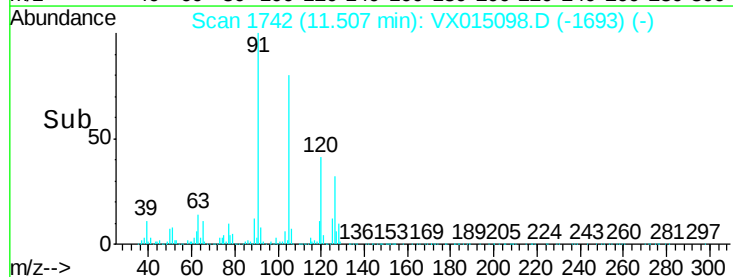
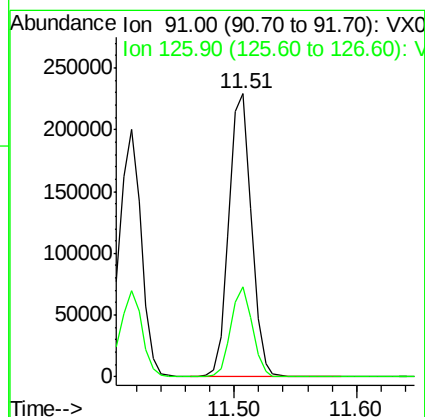
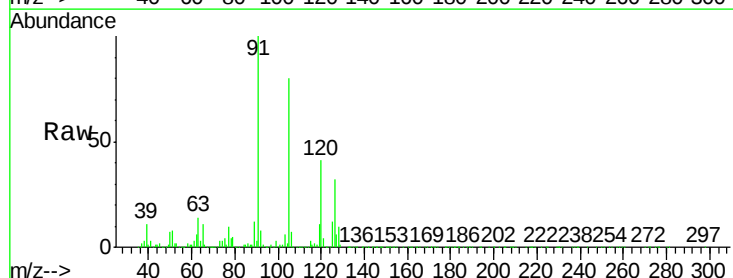
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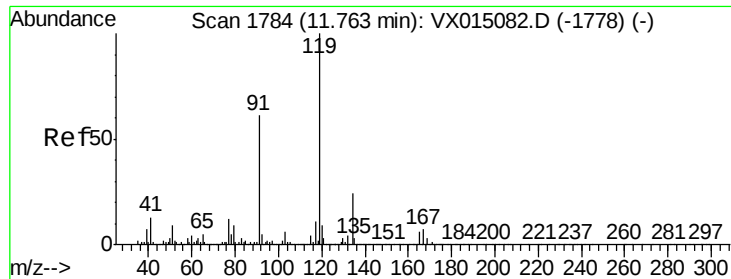
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3/6/2020 4:49:33 PM



#82
4-Chlorotoluene
Concen: 19.802 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.2





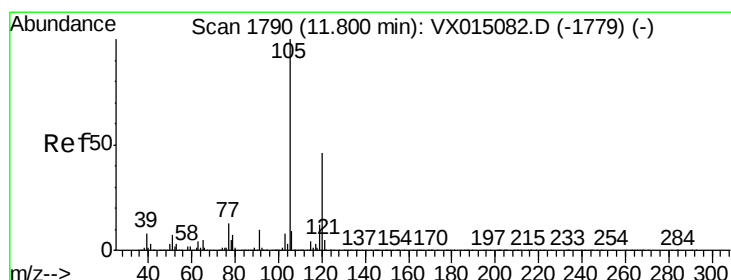
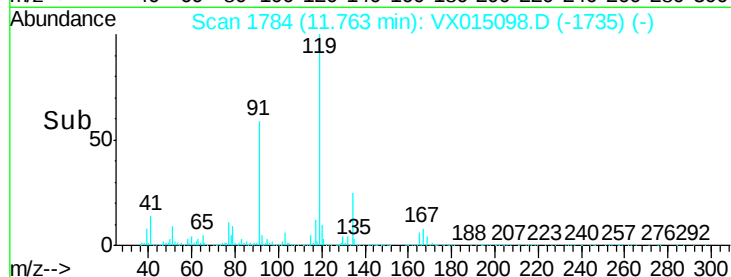
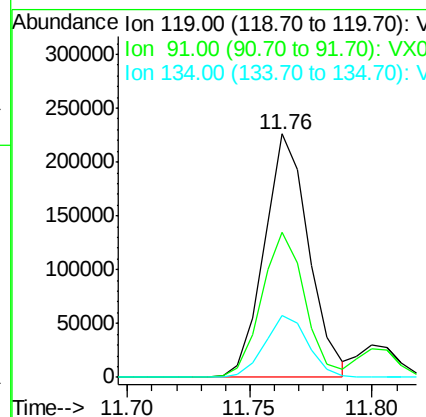
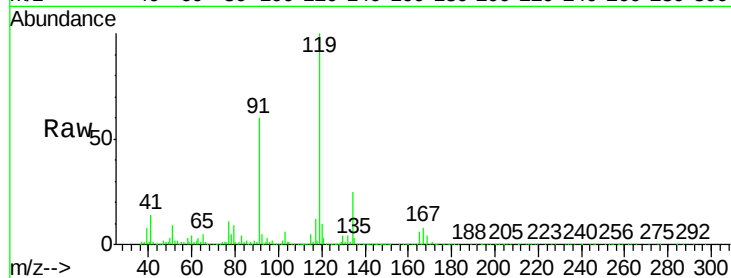
#83
tert-Butylbenzene
Concen: 19.654 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	28.5	85.6
134	25.0	11.9	35.7

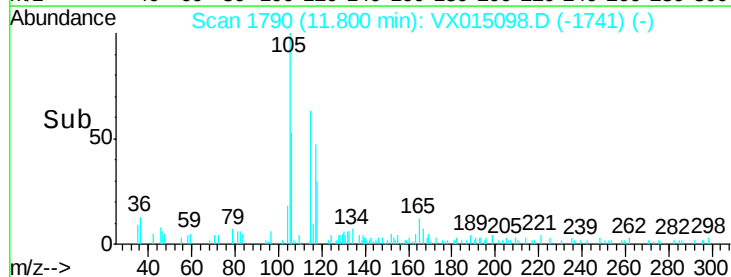
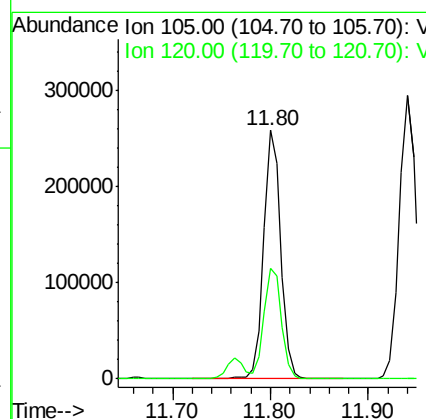
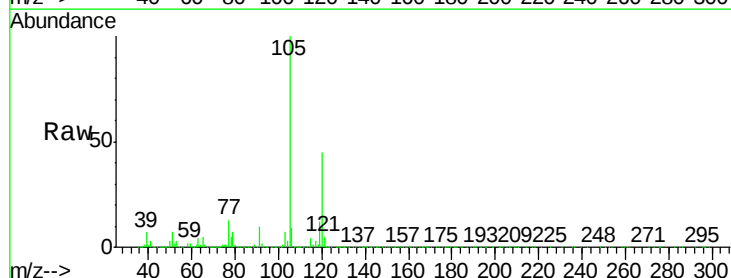
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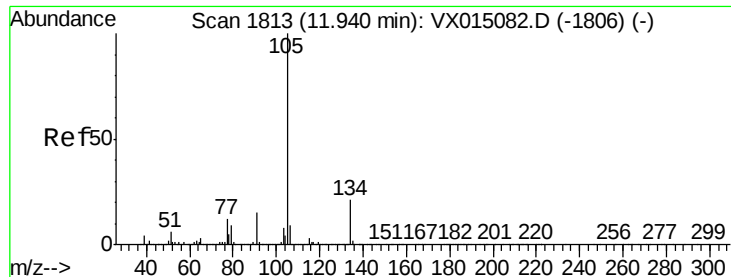
MMDadoda
3/6/2020 4:49:33 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.509 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 20.249 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBS01

Tot Ion:105 Resp: 357199

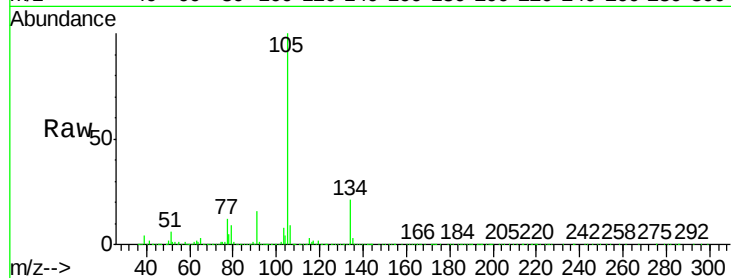
Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2

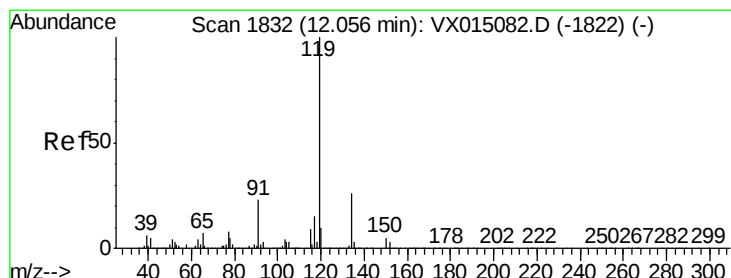
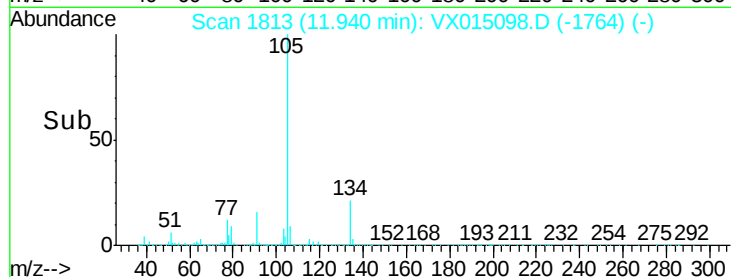
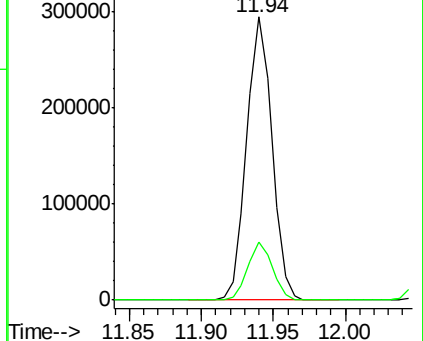
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.214 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

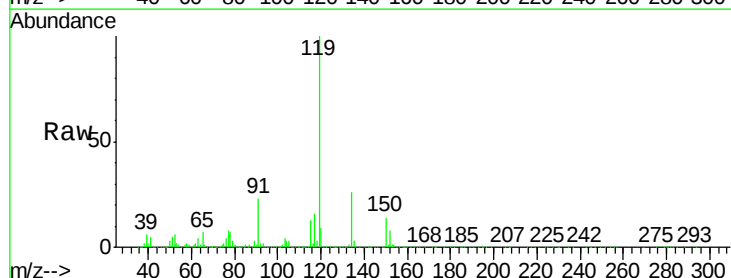
Tgt Ion:119 Resp: 328536

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

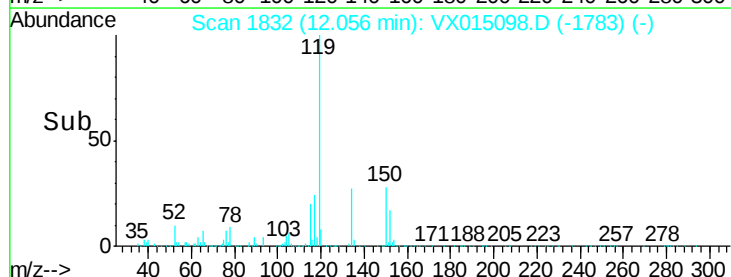
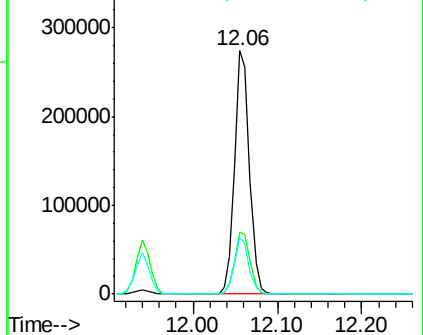
91 22.9 11.3 33.8

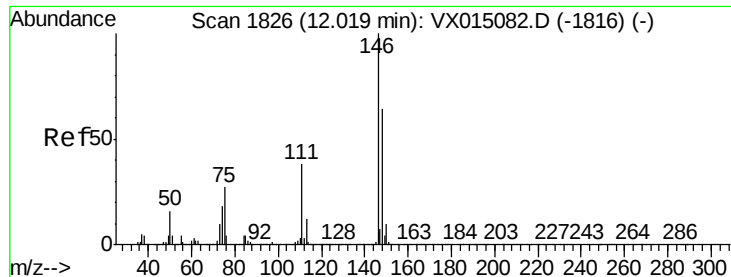


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.618 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015098.D

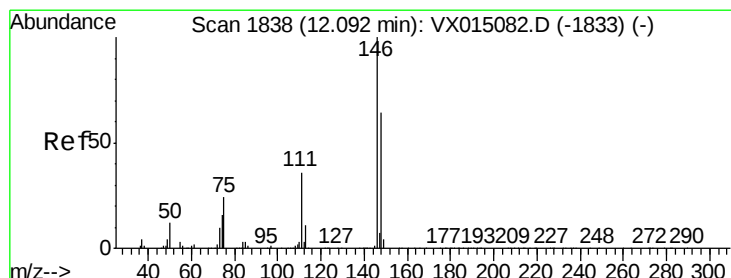
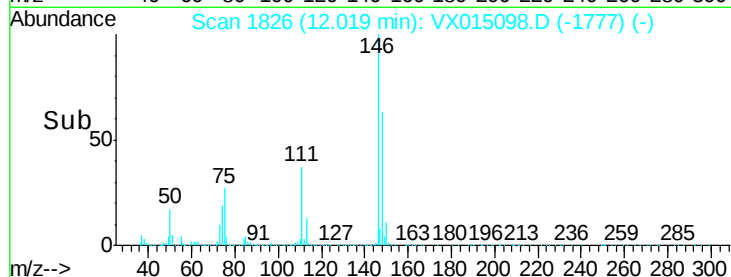
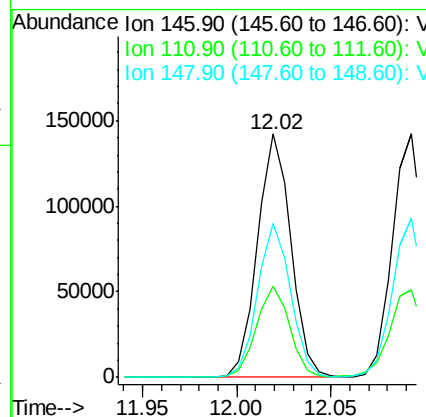
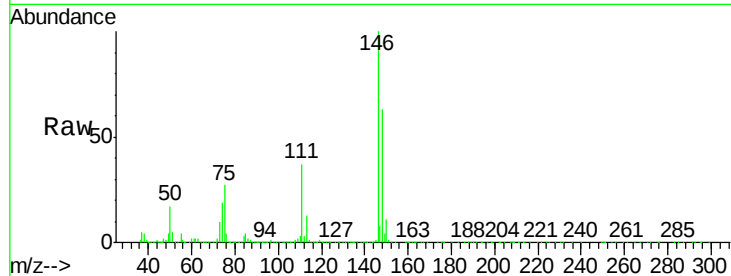
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	62.7	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 18.950 ug/l

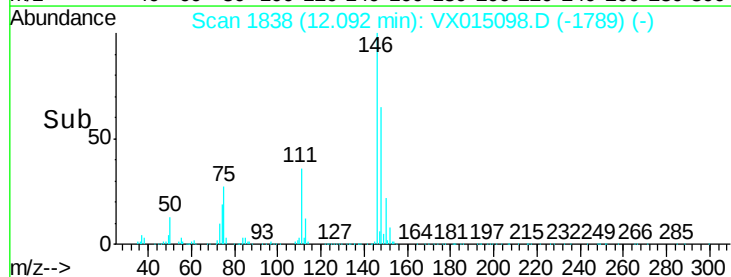
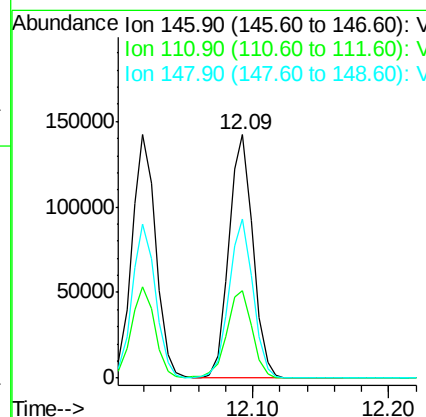
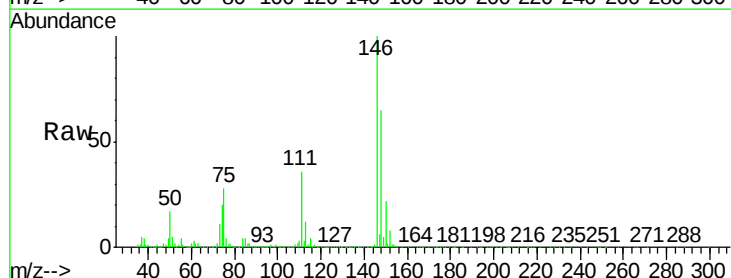
RT: 12.09 min Scan# 1838

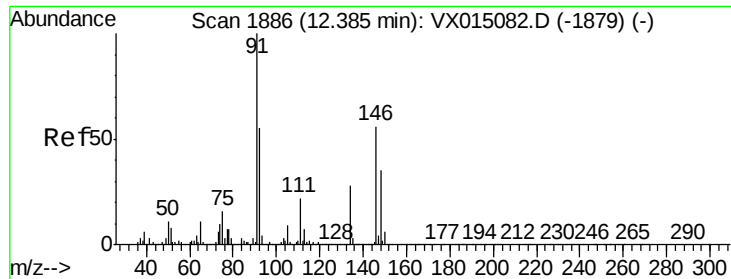
Delta R.T. 0.00 min

Lab File: VX015098.D

Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	65.1	32.5	97.4





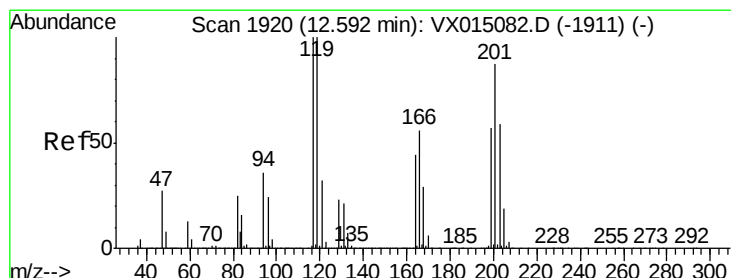
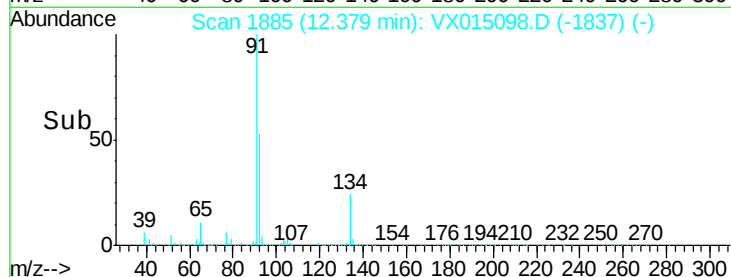
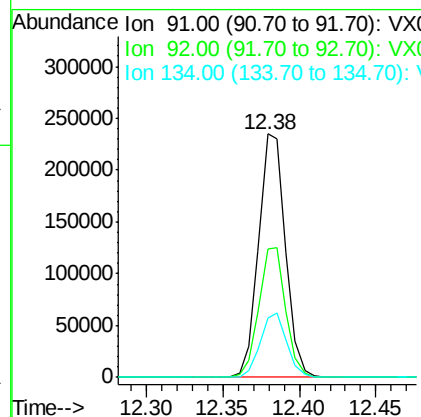
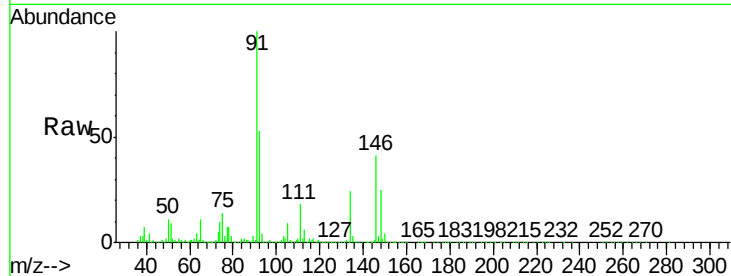
#89
n-Butylbenzene
Concen: 19.882 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	287394		
92	53.0	27.2	81.6	
134	26.0	13.5	40.5	

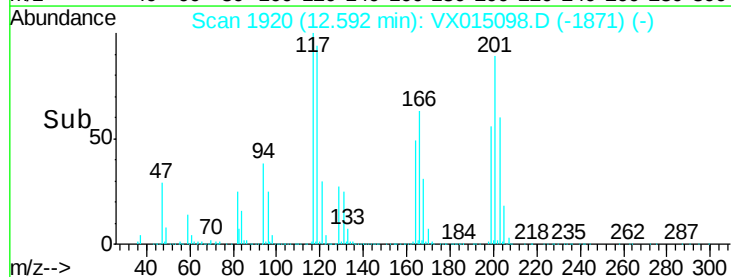
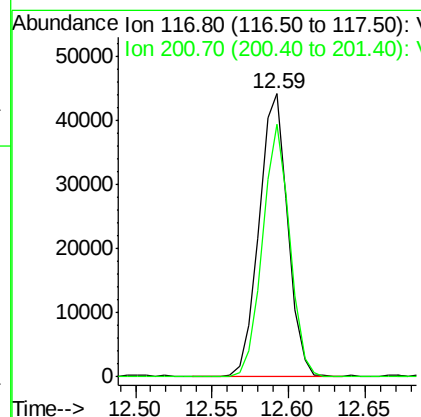
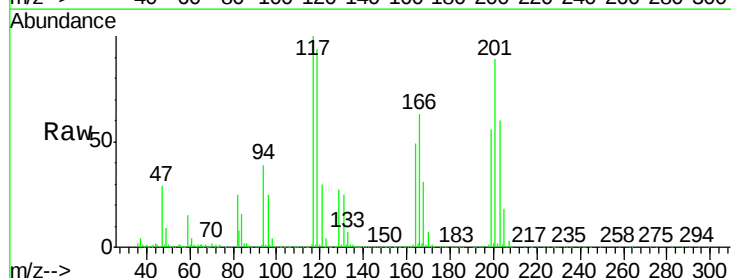
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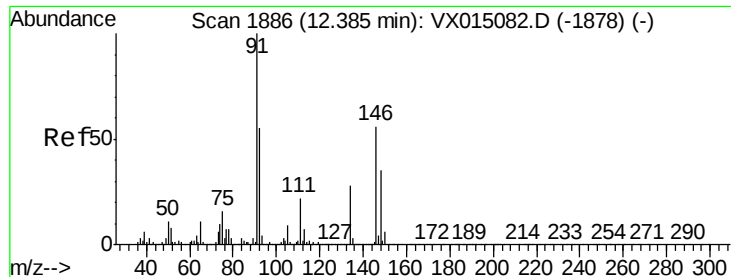
MMDadoda
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#90
Hexachloroethane
Concen: 18.703 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57468		
201	85.2	43.5	130.7	





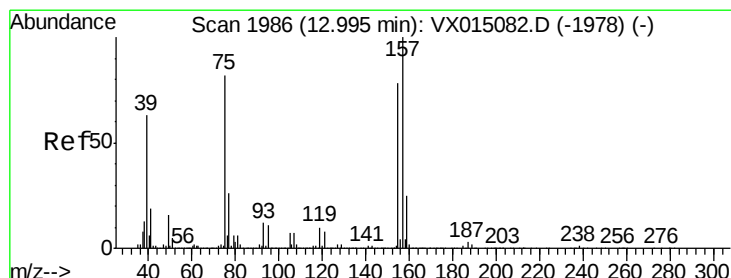
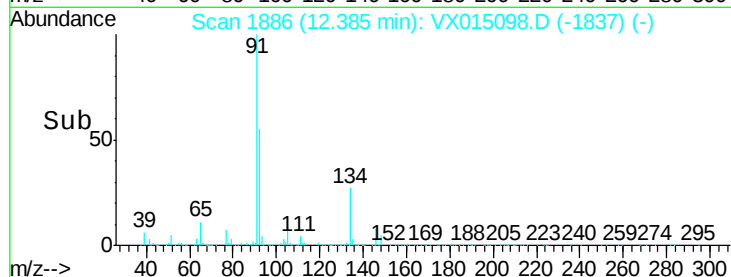
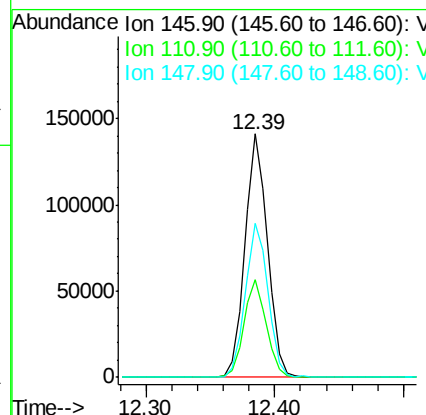
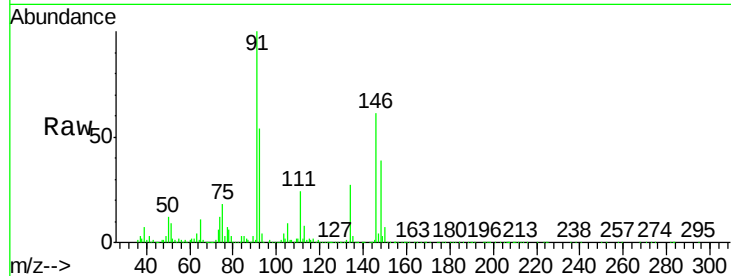
#91
 1,2-Dichlorobenzene
 Concen: 19.228 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	63.4	32.3	96.8

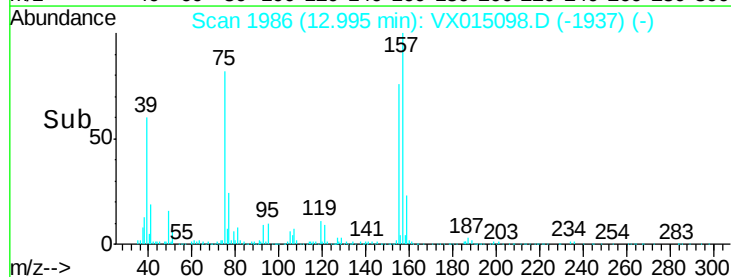
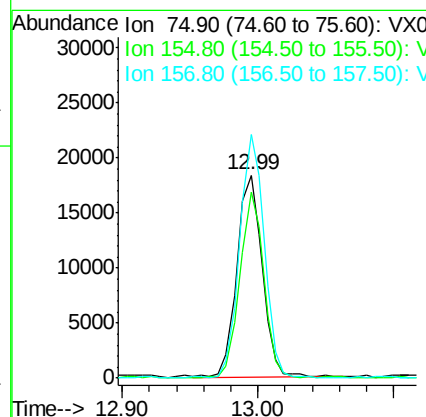
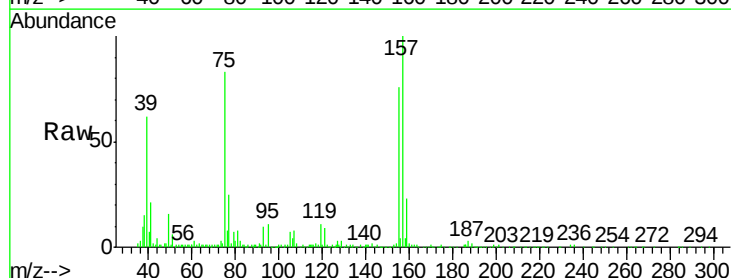
Manual Integrations
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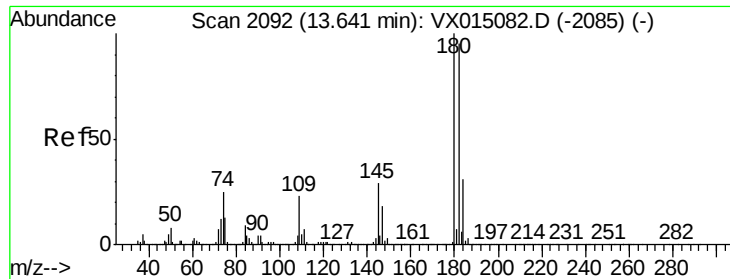
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.826 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015098.D
 Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	46.6	139.7
157	116.7	59.2	177.5





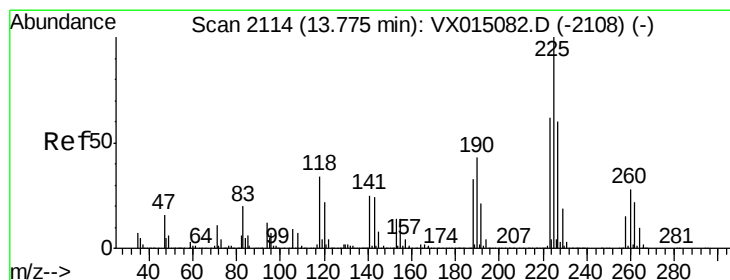
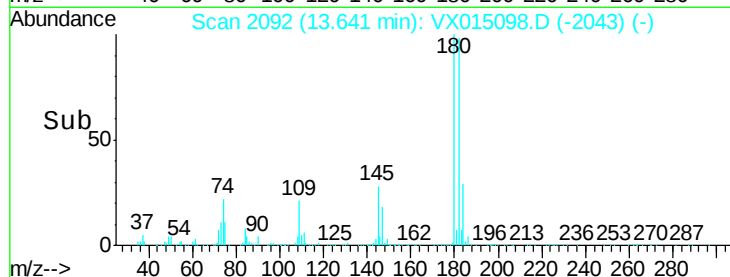
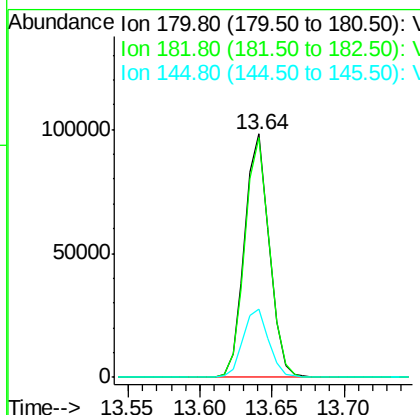
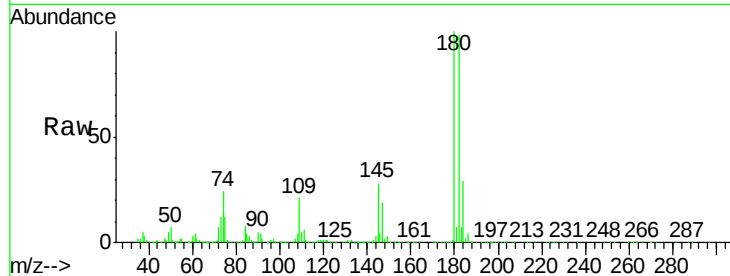
#93
1,2,4-Trichlorobenzene
Concen: 19.051 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampled :
VX0305WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	116939		
182	97.7	47.6	142.8	
145	29.4	14.1	42.2	

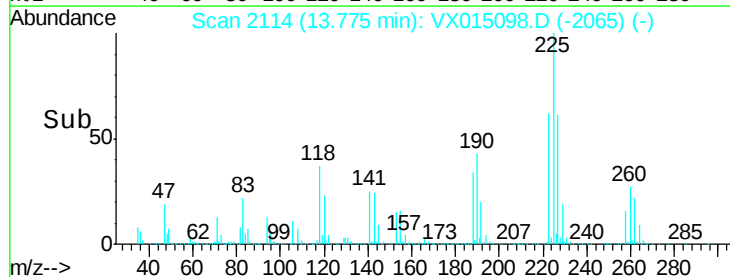
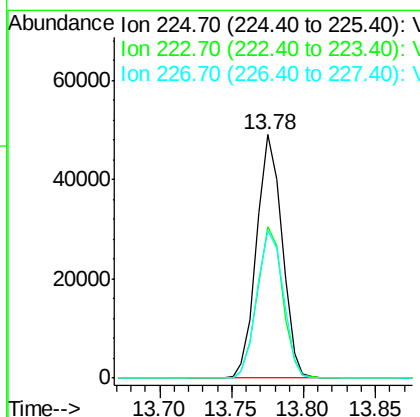
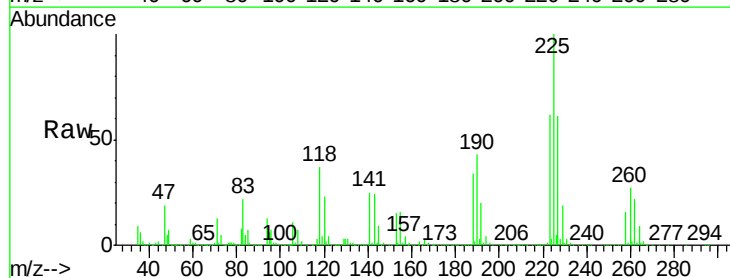
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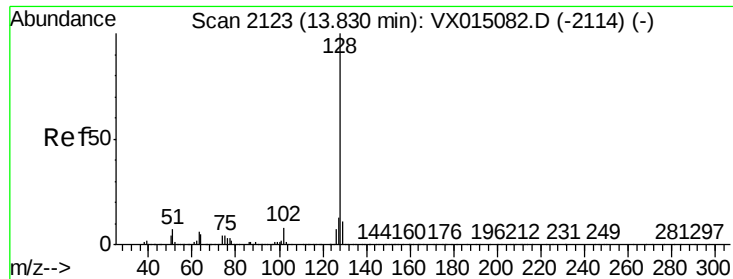
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#94
Hexachlorobutadiene
Concen: 19.024 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59921		
223	61.9	31.3	93.9	
227	62.6	31.1	93.2	





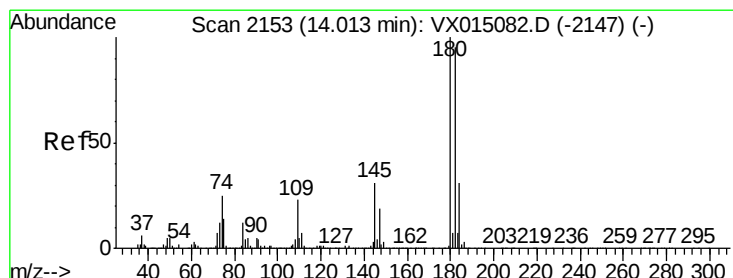
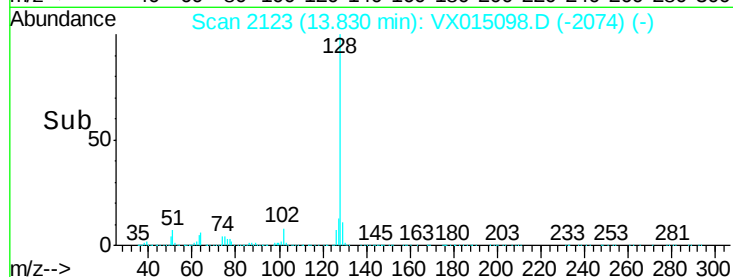
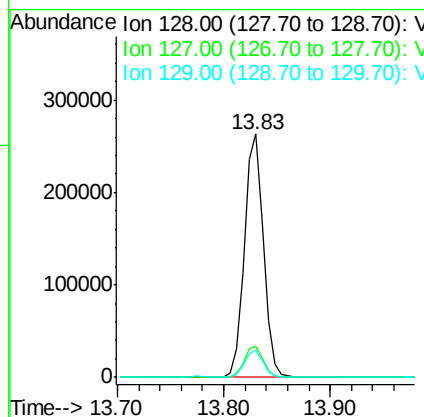
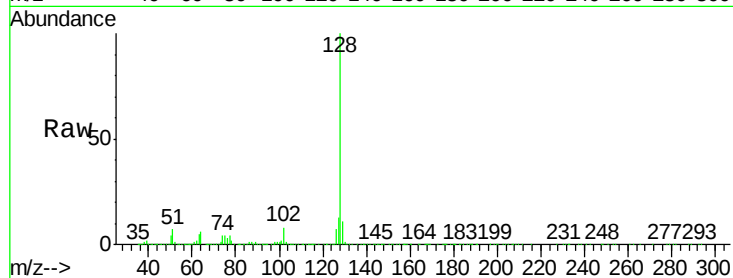
#95
Naphthalene
Concen: 18.424 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.454 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015098.D
Acq: 05 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.8	143.4
145	29.9	15.1	45.3

