

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014970.D
 Acq On : 20 Feb 2020 11:11
 Operator : JC/SP
 Sample : VX0220WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 9:15:23 AM

Quant Time: Feb 21 00:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	438617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	641886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	593312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243930	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.48	113	199345	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.71	98	761011	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.13	95	277198	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	80926	19.482	ug/l	98
3) Chloromethane	1.32	50	91528	19.436	ug/l	99
4) Vinyl Chloride	1.40	62	93732	18.476	ug/l	100
5) Bromomethane	1.64	94	62418	19.008	ug/l	96
6) Chloroethane	1.72	64	60095	18.513	ug/l	100
7) Trichlorofluoromethane	1.93	101	134830	19.022	ug/l	99
8) Diethyl Ether	2.18	74	57527	19.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80864	19.654	ug/l	98
10) Methyl Iodide	2.50	142	77662	19.821	ug/l	99
11) Tert butyl alcohol	3.01	59	84268	96.415	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76170	18.946	ug/l	97
13) Acrolein	2.28	56	46705	70.113	ug/l	96
14) Allyl chloride	2.72	41	130047	18.245	ug/l	100
15) Acrylonitrile	3.12	53	216673	97.790	ug/l	99
16) Acetone	2.43	43	251004	87.283	ug/l	99
17) Carbon Disulfide	2.56	76	195223	17.379	ug/l	99
18) Methyl Acetate	2.76	43	102041	20.468	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	255394	19.519	ug/l	100
20) Methylene Chloride	2.85	84	87530	18.381	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81548	18.383	ug/l	97
22) Diisopropyl ether	3.84	45	273531	20.092	ug/l	97
23) Vinyl Acetate	3.80	43	1136984	101.312	ug/l	100
24) 1,1-Dichloroethane	3.69	63	148134	19.280	ug/l	99
25) 2-Butanone	4.65	43	320336	95.054	ug/l	100
26) 2,2-Dichloropropane	4.57	77	121855	18.403	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	96955	19.552	ug/l	96
28) Bromochloromethane	5.00	49	60708	20.385	ug/l	99
29) Tetrahydrofuran	5.11	42	189774	99.059	ug/l	100
30) Chloroform	5.20	83	148297	19.454	ug/l	99
31) Cyclohexane	5.57	56	131801	18.834	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	128585	19.283	ug/l	100
36) 1,1-Dichloropropene	5.79	75	110237	19.199	ug/l	99
37) Ethyl Acetate	4.81	43	117933	19.693	ug/l	99
38) Carbon Tetrachloride	5.77	117	108711	19.428	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135943	18.931	ug/l	99
40) Benzene	6.13	78	337410	19.668	ug/l	100
41) Methacrylonitrile	5.02	41	64397	19.961	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124133	20.020	ug/l	100
43) Isopropyl Acetate	6.43	43	191496	19.384	ug/l	99
44) Trichloroethene	7.20	130	94655	19.006	ug/l	95
45) 1,2-Dichloropropane	7.50	63	85764	19.602	ug/l	98
46) Dibromomethane	7.65	93	57782	19.320	ug/l	99
47) Bromodichloromethane	7.89	83	114127	19.246	ug/l	97
48) Methyl methacrylate	7.76	41	95084	19.557	ug/l	99
49) 1,4-Dioxane	7.73	88	37963	417.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	604352	101.313	ug/l	99
52) Toluene	8.78	92	212775	19.527	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124199	19.111	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	137119	19.099	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89290	20.254	ug/l	98
56) Ethyl methacrylate	9.17	69	127646	19.264	ug/l	98
57) 1,3-Dichloropropane	9.36	76	147219	19.839	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	333015	96.097	ug/l	100
59) 2-Hexanone	9.48	43	467353	99.676	ug/l	100
60) Dibromochloromethane	9.57	129	92489	19.495	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93116	19.576	ug/l	98
64) Tetrachloroethene	9.33	164	97827	17.635	ug/l	98
65) Chlorobenzene	10.13	112	234339	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86842	19.878	ug/l	98
67) Ethyl Benzene	10.25	91	406999	19.887	ug/l	99
68) m/p-Xylenes	10.36	106	309485	39.254	ug/l	100
69) o-Xylene	10.70	106	150586	19.869	ug/l	99
70) Styrene	10.70	104	251268	19.598	ug/l	99
71) Bromoform	10.85	173	69860	19.157	ug/l #	100
73) Isopropylbenzene	11.01	105	406714	20.429	ug/l	99
74) N-amyl acetate	10.89	43	163835	19.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	129571	19.909	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111733m	19.462	ug/l	
77) Bromobenzene	11.25	156	107831	19.405	ug/l	98
78) n-propylbenzene	11.35	91	454925	19.756	ug/l	99
79) 2-Chlorotoluene	11.42	91	269124	19.880	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337441	20.285	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40420	18.022	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.364	ug/l	100
83) tert-Butylbenzene	11.76	119	322692	20.485	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	338850	20.212	ug/l	100
85) sec-Butylbenzene	11.94	105	389795	19.919	ug/l	100
86) p-Isopropyltoluene	12.06	119	365430	19.955	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188640	18.923	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189553	18.620	ug/l	99
89) n-Butylbenzene	12.39	91	307710	18.762	ug/l	100
90) Hexachloroethane	12.59	117	61990	19.384	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	187226	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26777	17.538	ug/l	99

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ClientSampleId :
VX0220WBS01

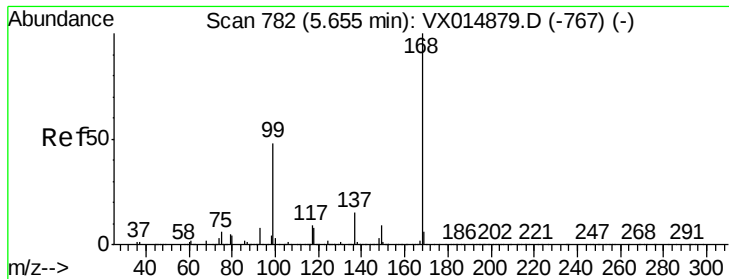
Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:23 AM

Quant Time: Feb 21 00:44:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	128598	17.822	ug/l	98
94) Hexachlorobutadiene	13.78	225	67863	19.444	ug/l	99
95) Naphthalene	13.83	128	368331	19.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132876	19.060	ug/l	99

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



#1

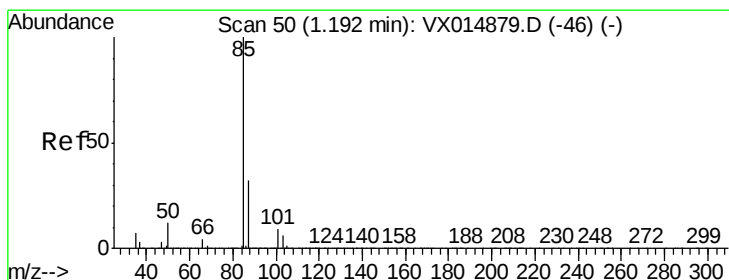
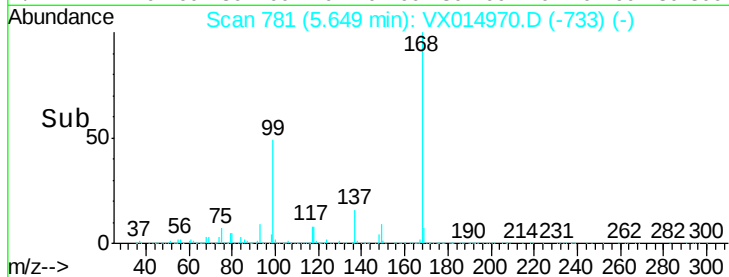
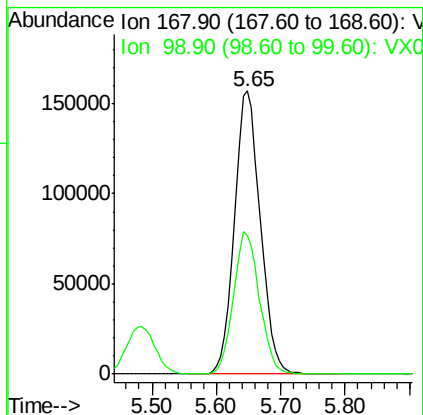
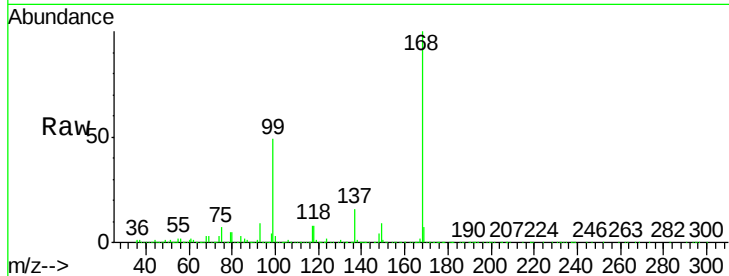
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.8	38.7	58.1

Manual Integrations
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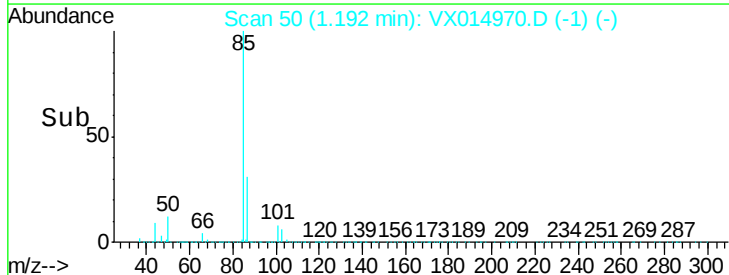
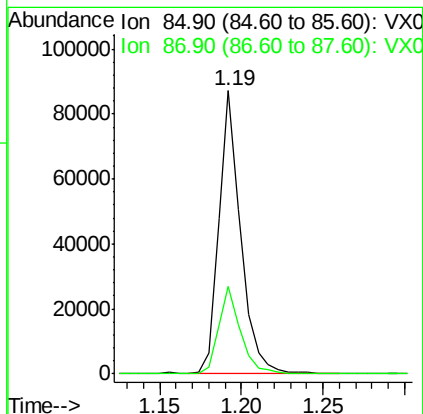
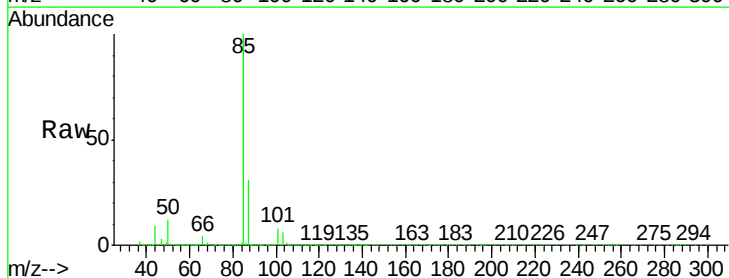
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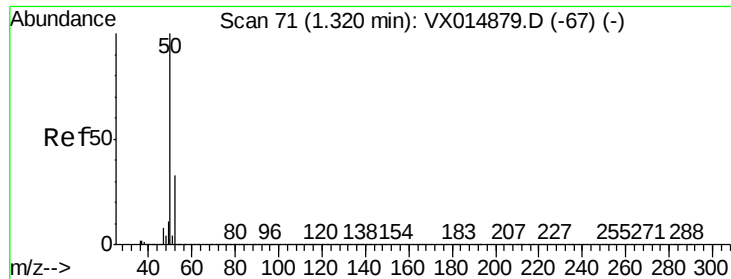


#2

Dichlorodifluoromethane
 Concen: 19.482 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.1	48.2





#3

Chloromethane

Concen: 19.436 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 50 Resp: 91528

Ion Ratio Lower Upper

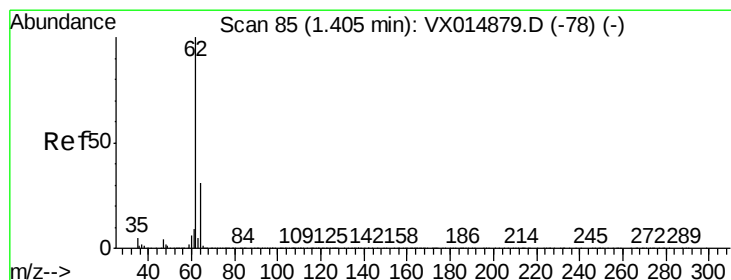
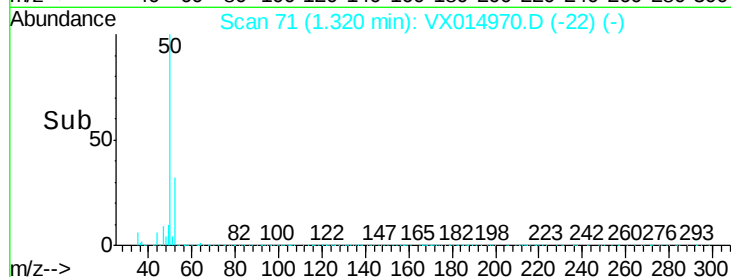
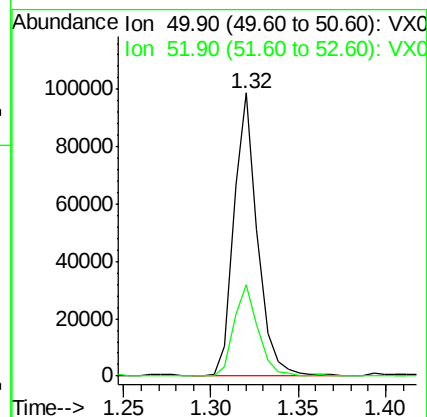
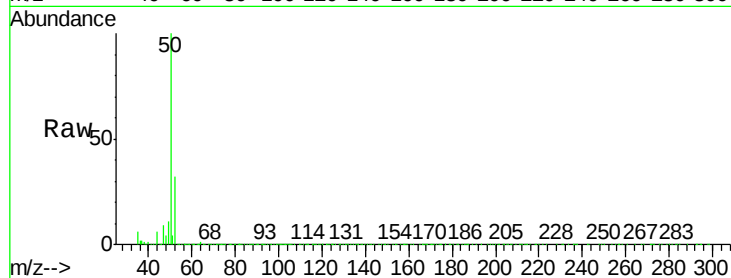
50 100

52 32.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.476 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014970.D

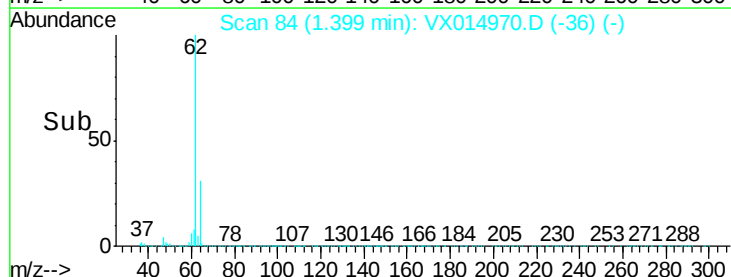
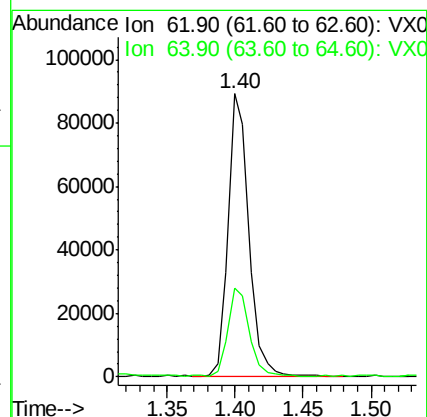
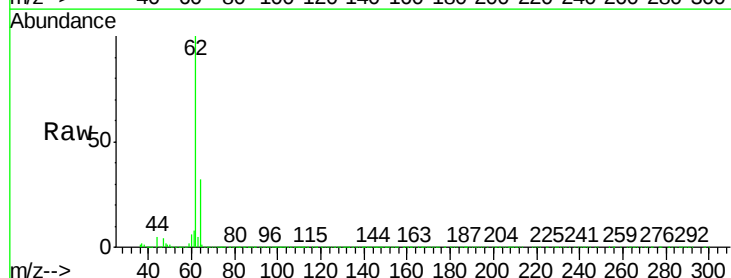
Acq: 20 Feb 2020 11:11

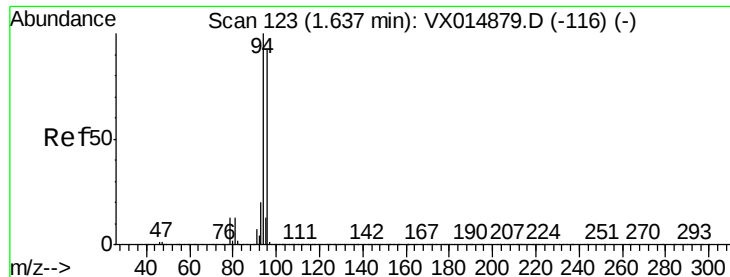
Tgt Ion: 62 Resp: 93732

Ion Ratio Lower Upper

62 100

64 31.1 24.8 37.2





#5

Bromomethane

Concen: 19.008 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 94 Resp: 62418

Ion Ratio Lower Upper

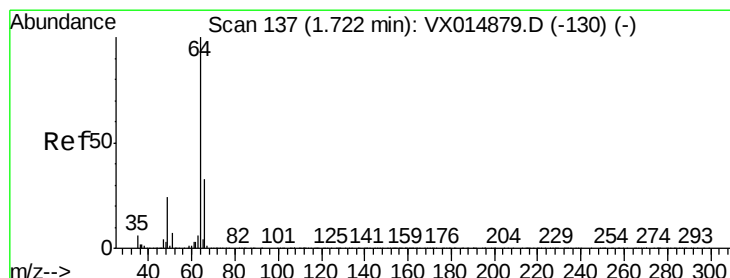
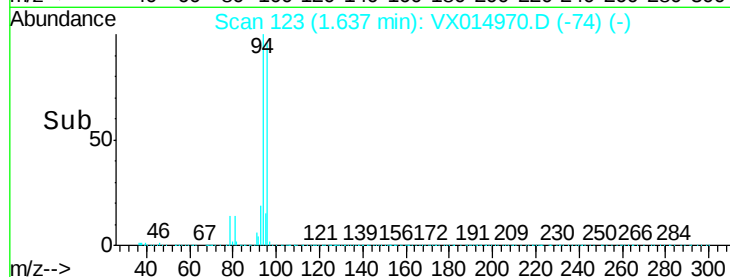
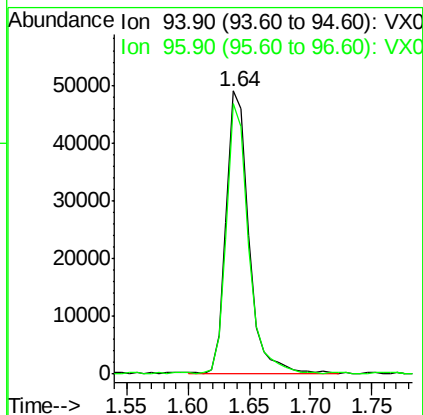
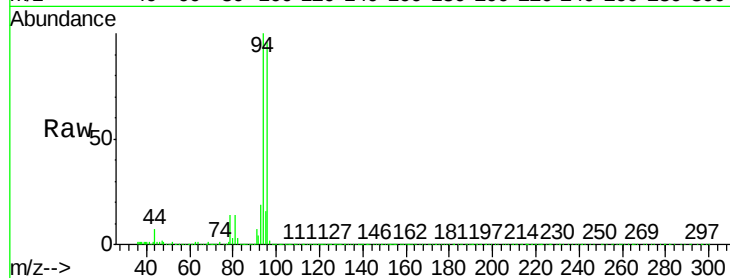
94 100

96 95.6 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 18.513 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014970.D

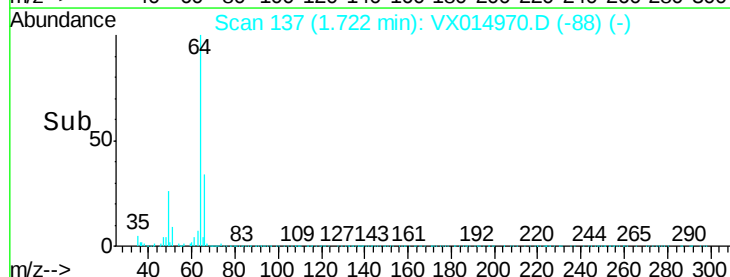
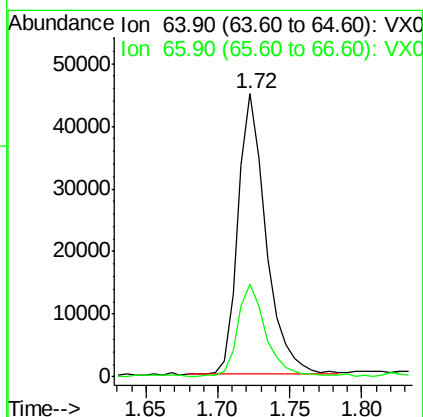
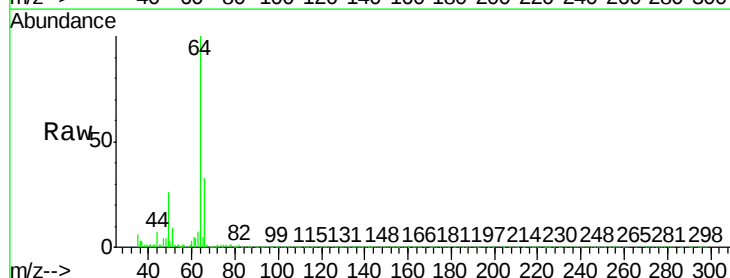
Acq: 20 Feb 2020 11:11

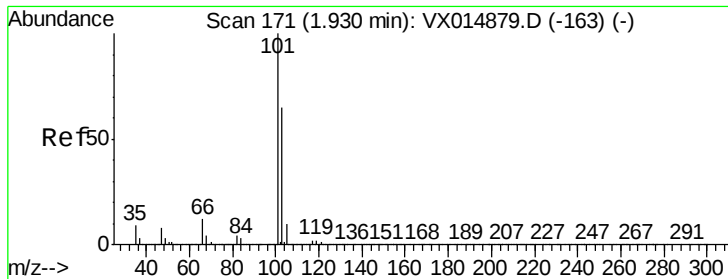
Tgt Ion: 64 Resp: 60095

Ion Ratio Lower Upper

64 100

66 33.0 26.2 39.4





#7

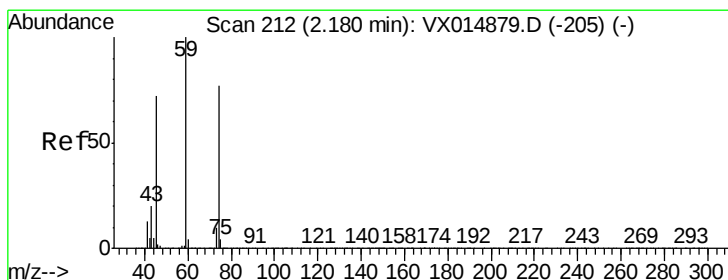
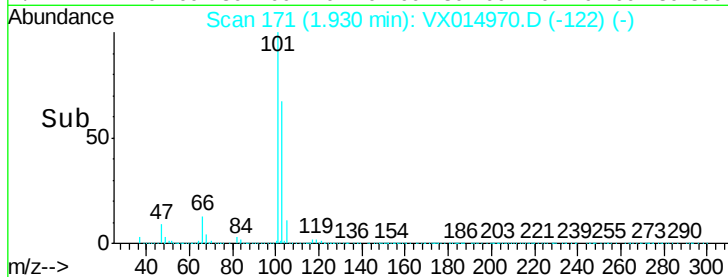
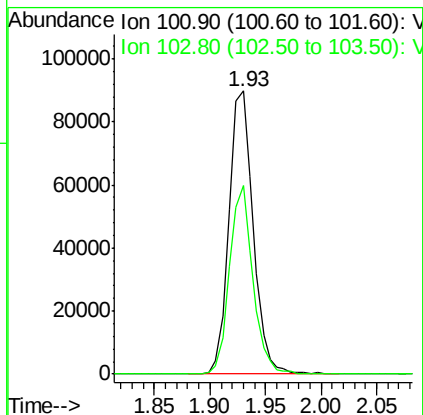
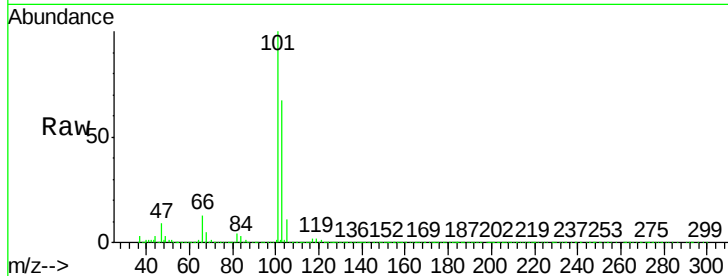
Trichlorofluoromethane
Concen: 19.022 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.2	78.4

Manual Integrations
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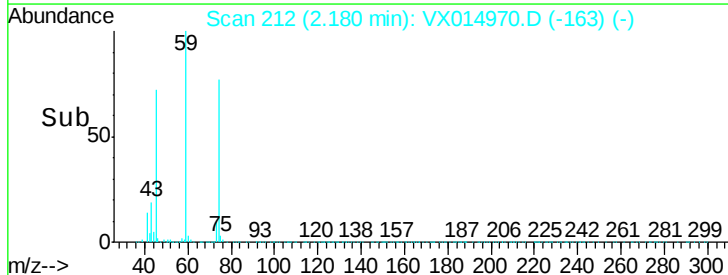
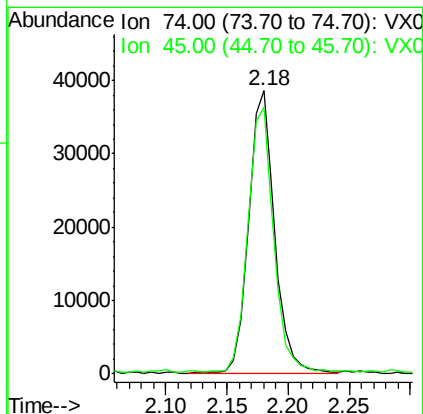
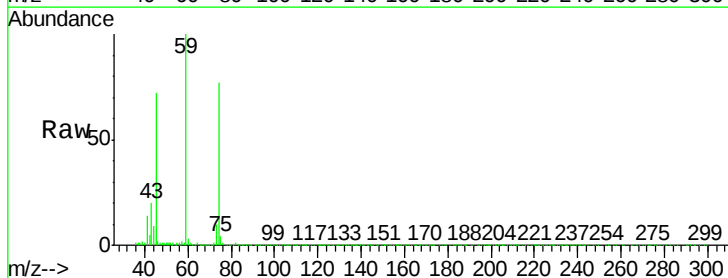
MMDadoda
2/21/2020 9:15:23 AM

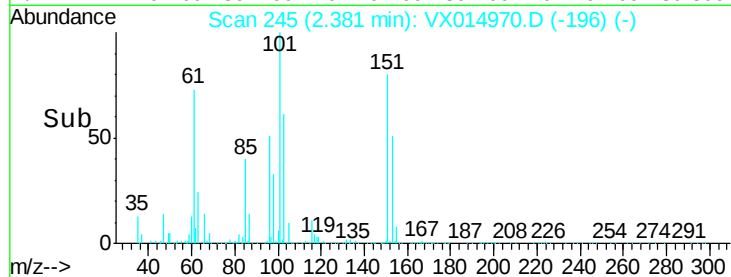
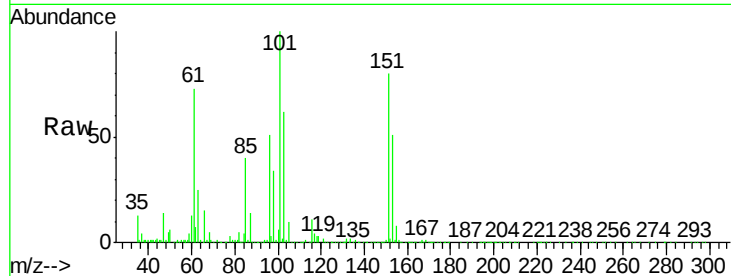
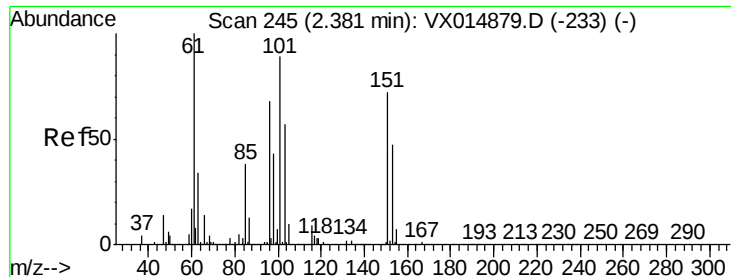


#8

Diethyl Ether
Concen: 19.572 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.654 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014970.D

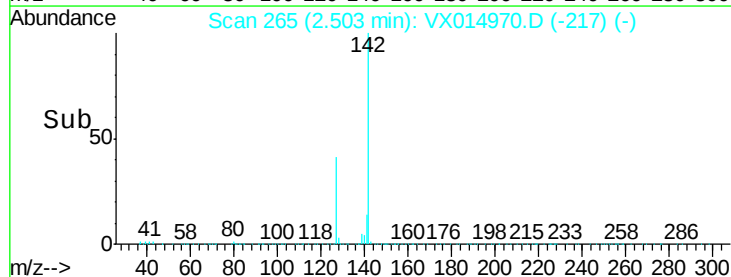
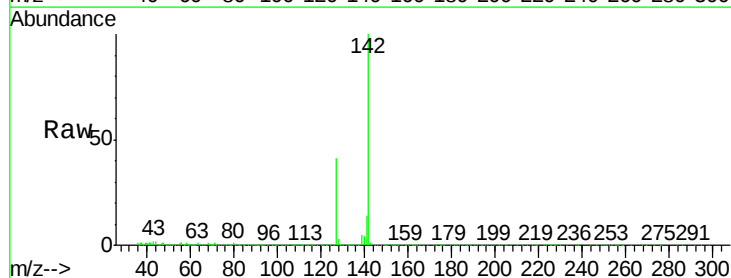
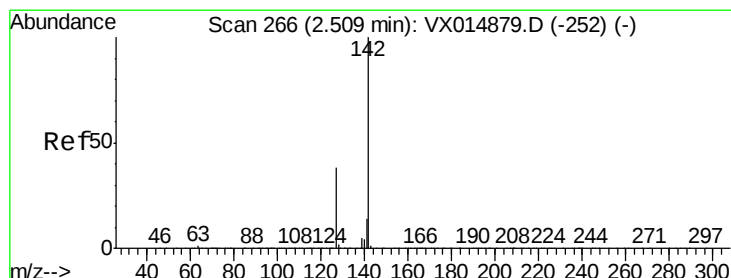
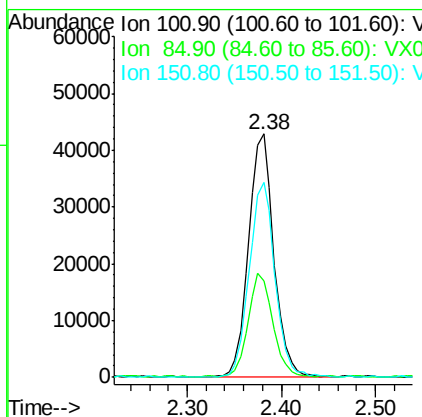
Acq: 20 Feb 2020 11:11

Tot Ion:	101	Resp:	80864
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.1	51.1
151	82.5	67.3	100.9

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

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#10

Methyl Iodide

Concen: 19.821 ug/l

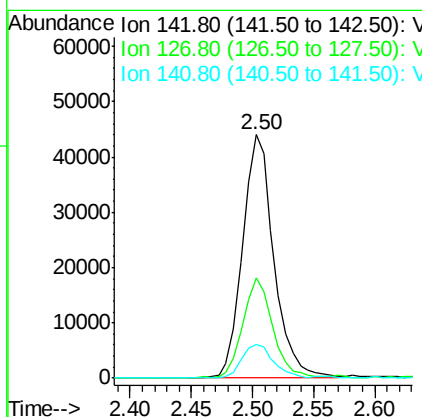
RT: 2.50 min Scan# 265

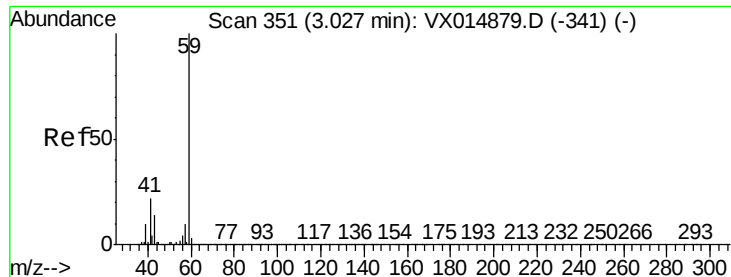
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	142	Resp:	77662
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.1	46.7
141	14.9	11.3	16.9





#11

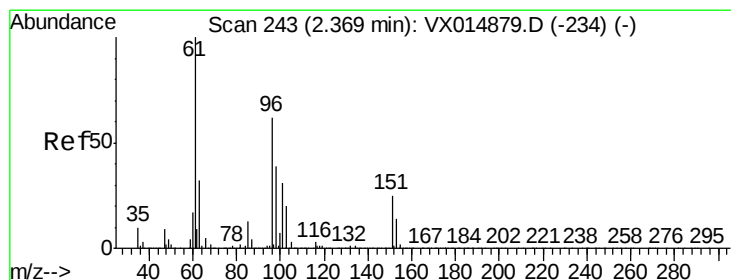
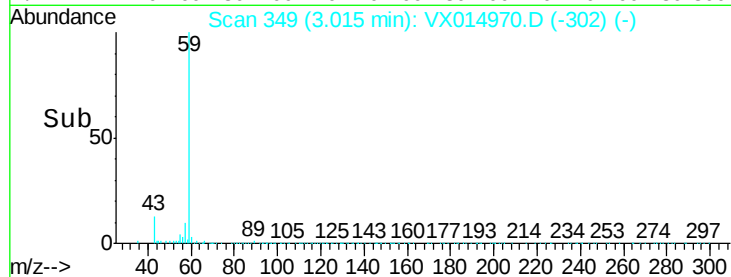
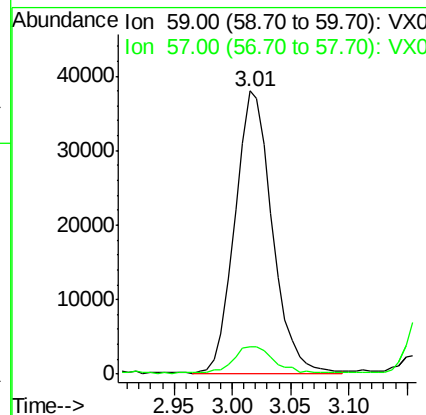
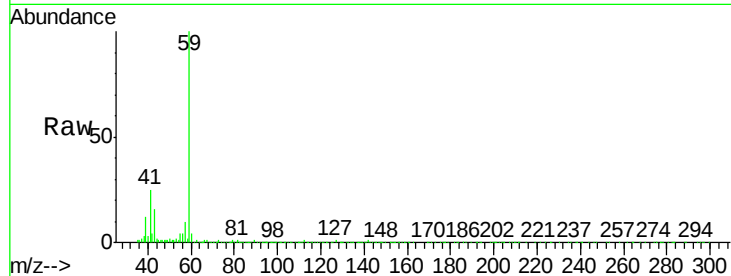
Tert butyl alcohol
 Concen: 96.415 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

Manual Integrations
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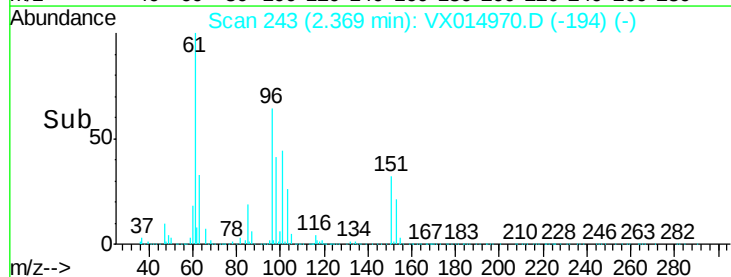
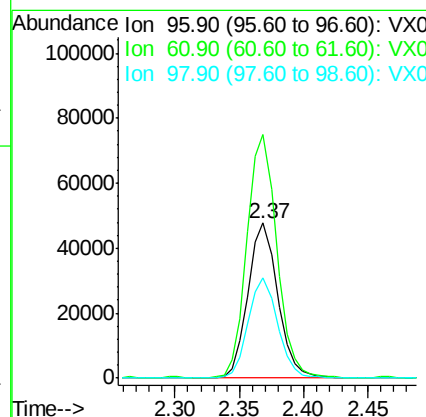
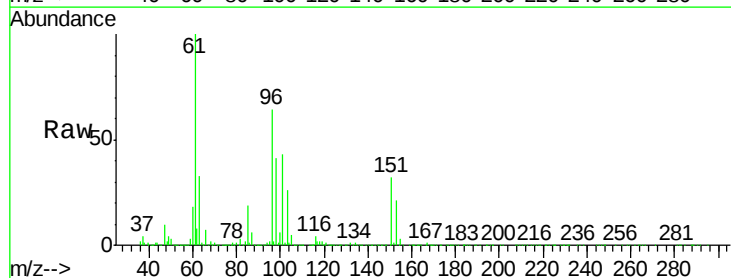
MMDadoda
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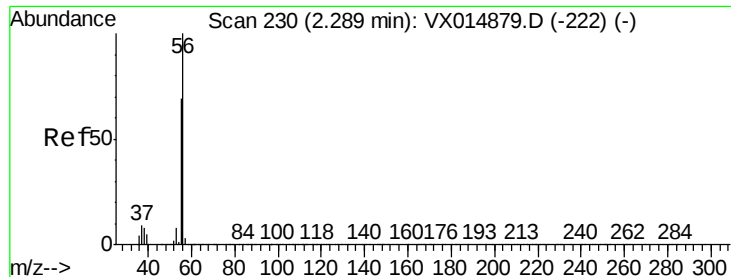


#12

1,1-Dichloroethene
 Concen: 18.946 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	129.5	194.3
98	65.0	50.6	76.0





#13

Acrolein

Concen: 70.113 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 56 Resp: 46705

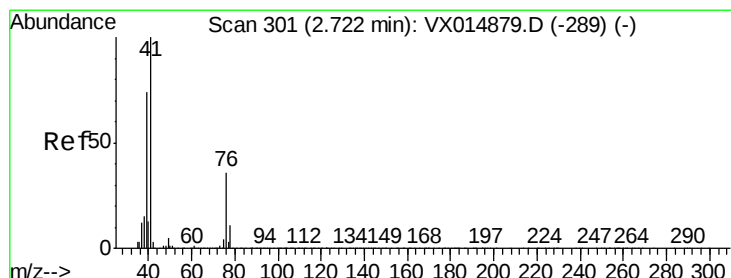
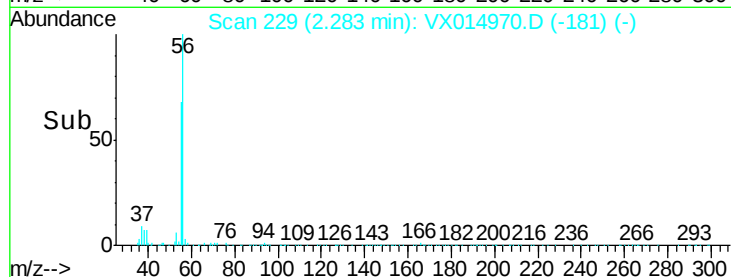
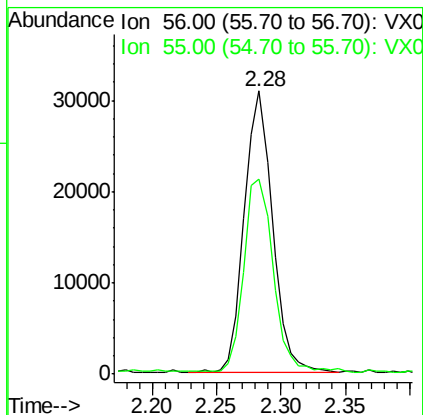
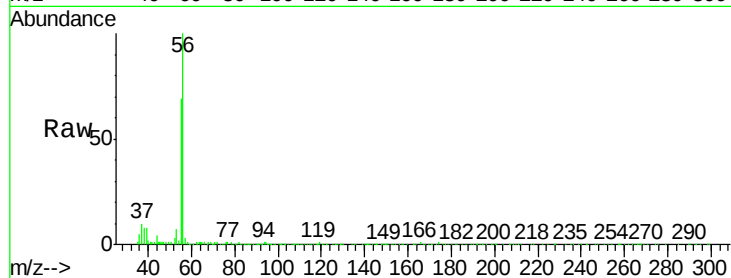
Ion Ratio Lower Upper

56 100

55 71.6 55.0 82.4

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#14

Allyl chloride

Concen: 18.245 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

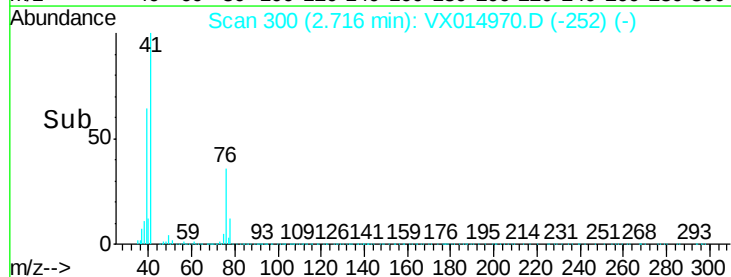
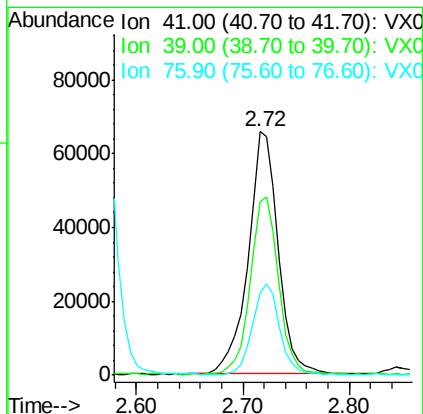
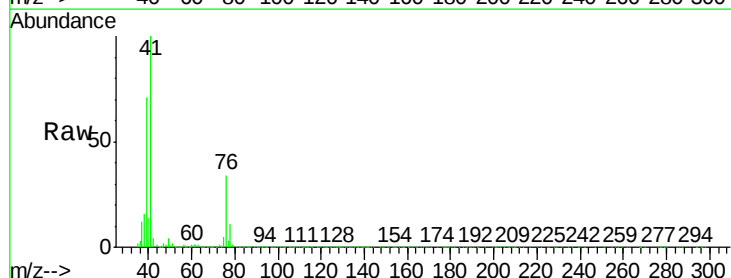
Tgt Ion: 41 Resp: 130047

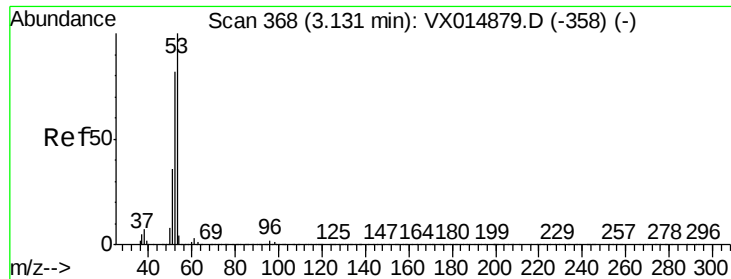
Ion Ratio Lower Upper

41 100

39 68.9 55.2 82.8

76 33.5 26.8 40.2





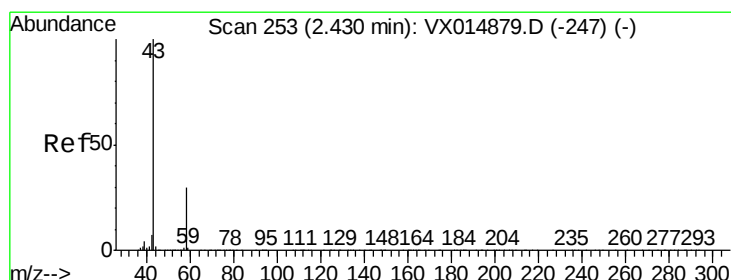
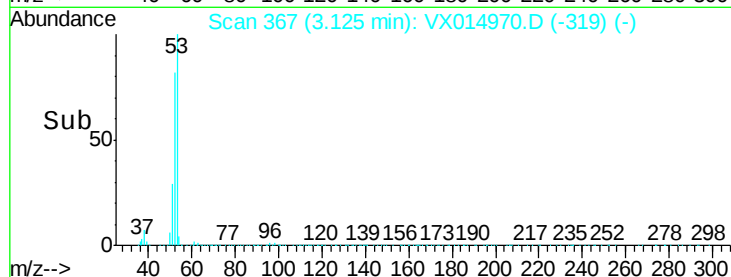
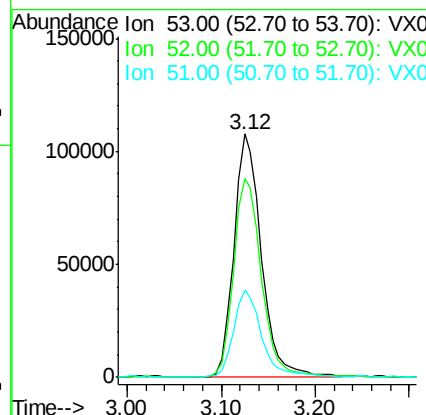
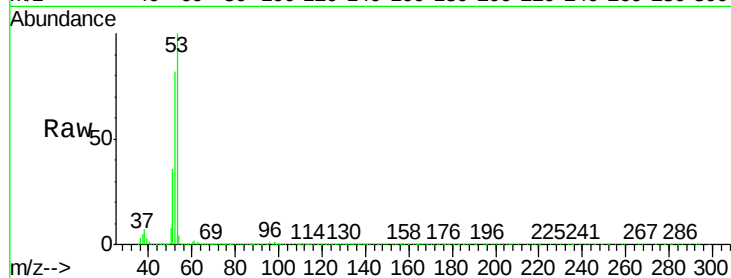
#15
 Acrylonitrile
 Concen: 97.790 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion:	53	Resp:	216673
Ion Ratio	Lower	Upper	
53	100		
52	83.3	65.8	98.6
51	36.7	29.1	43.7

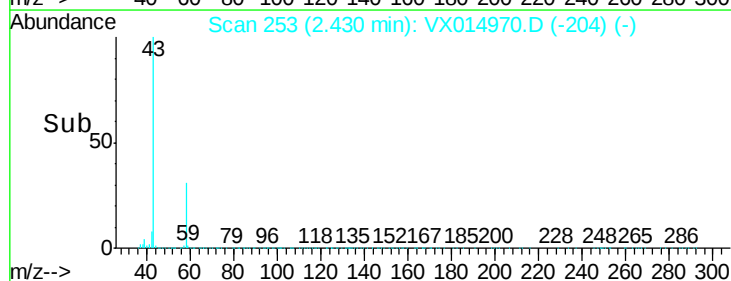
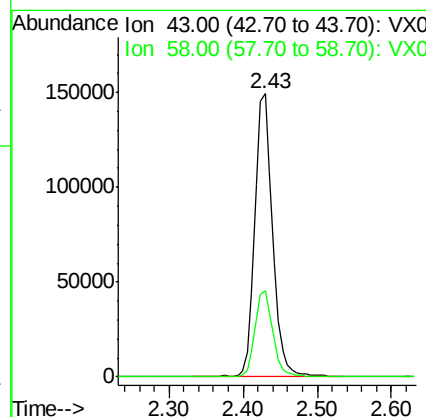
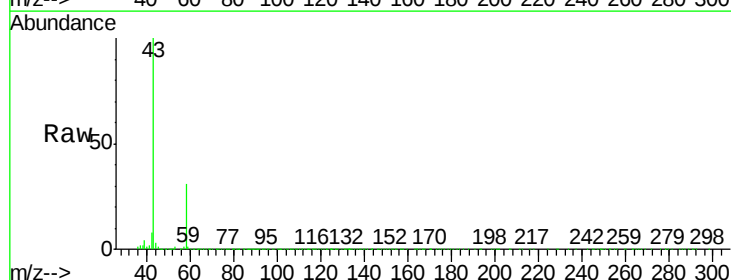
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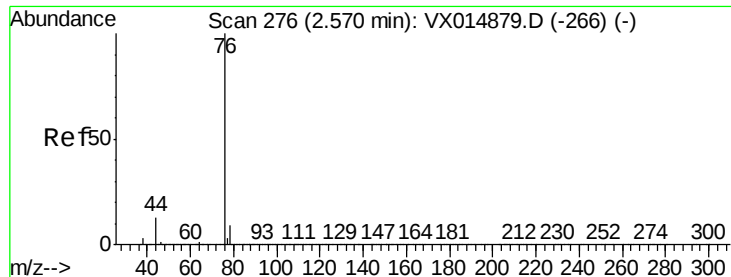
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 2/21/2020 9:15:23 AM



#16
 Acetone
 Concen: 87.283 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion:	43	Resp:	251004
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.1	36.1





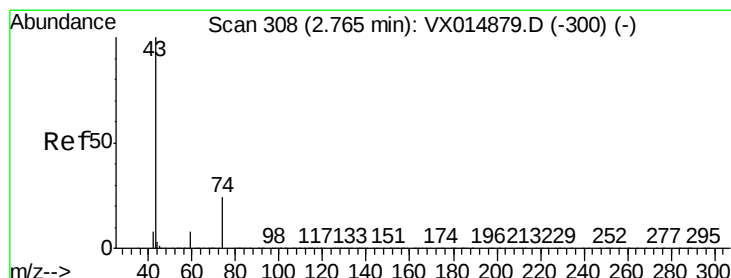
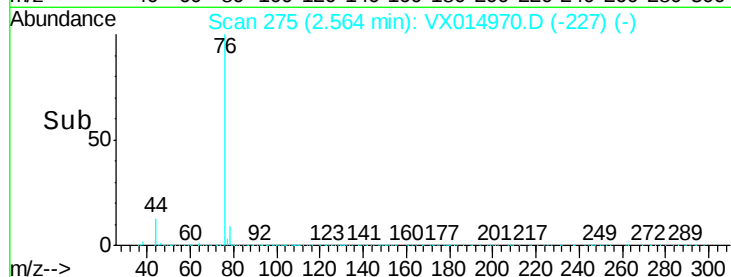
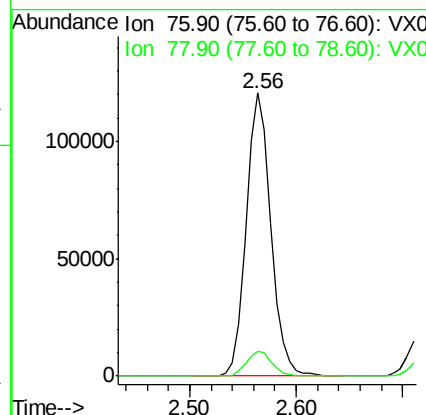
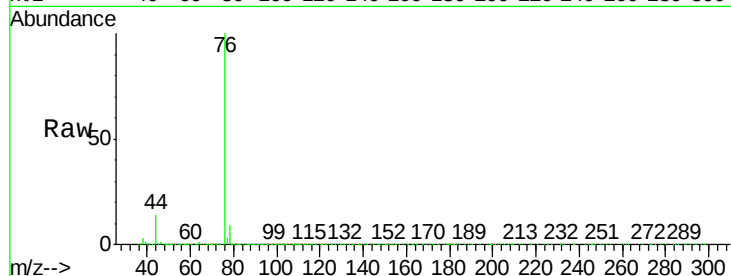
#17
Carbon Disulfide
Concen: 17.379 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

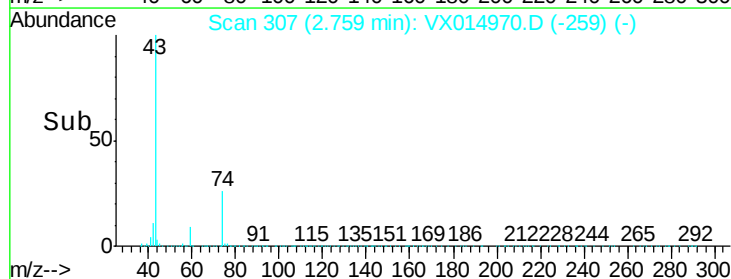
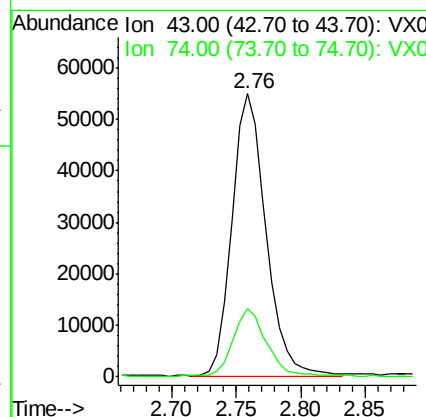
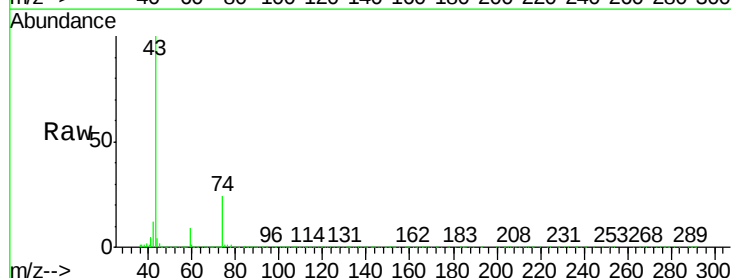
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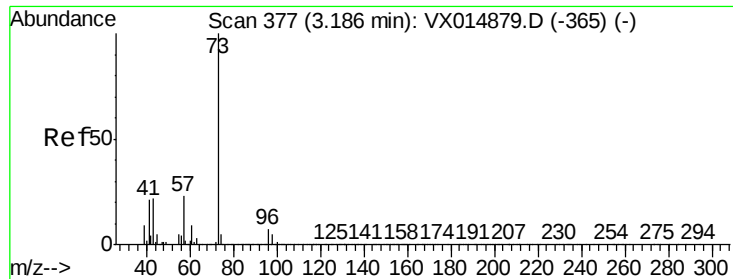
MMDadoda
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#18
Methyl Acetate
Concen: 20.468 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.0





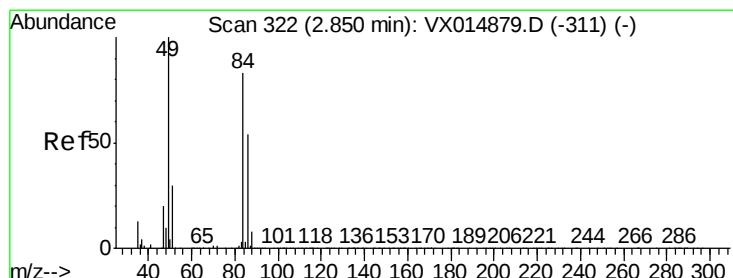
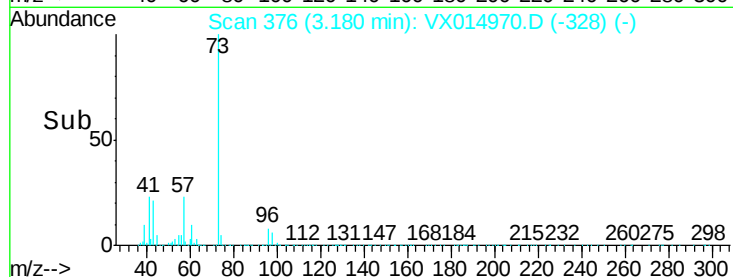
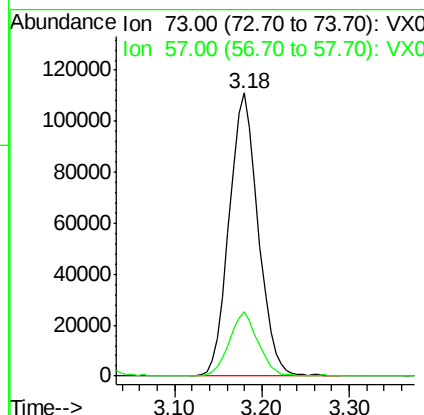
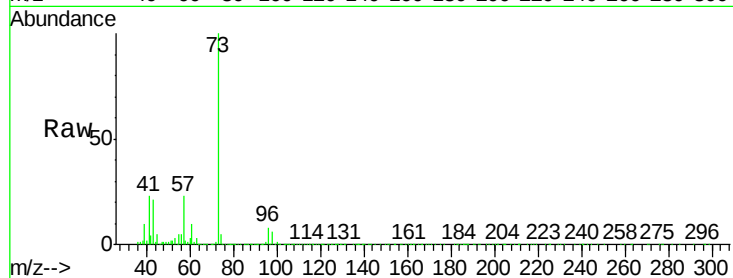
#19
Methvl tert-butvl Ether
Concen: 19.519 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.4

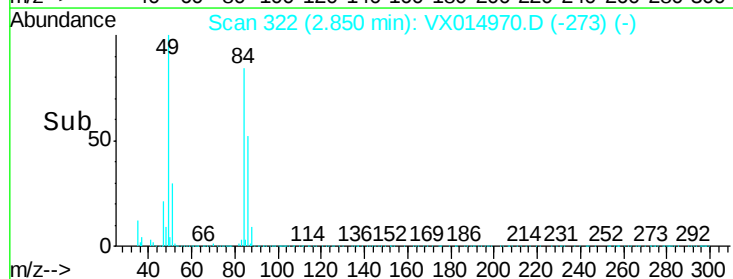
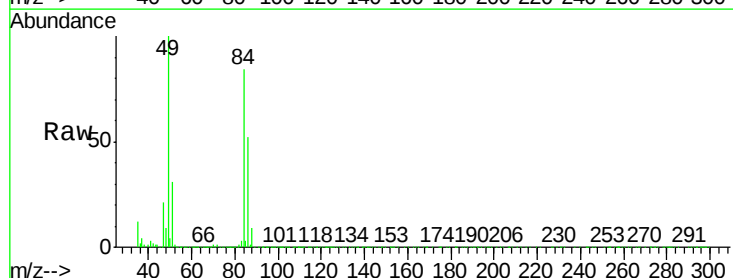
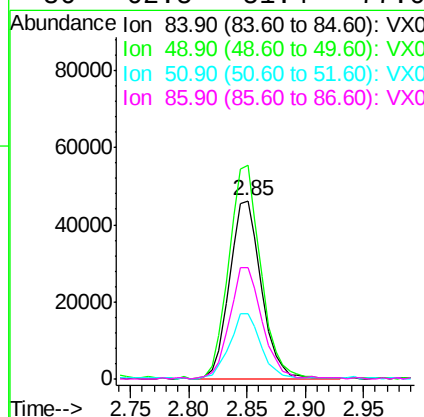
Manual Integrations
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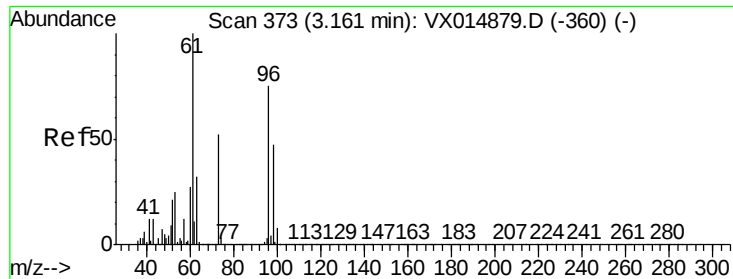
MMDadoda
2/21/2020 9:15:23 AM



#20
Methylene Chloride
Concen: 18.381 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	95.6	143.4
51	36.4	29.0	43.6
86	62.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.383 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

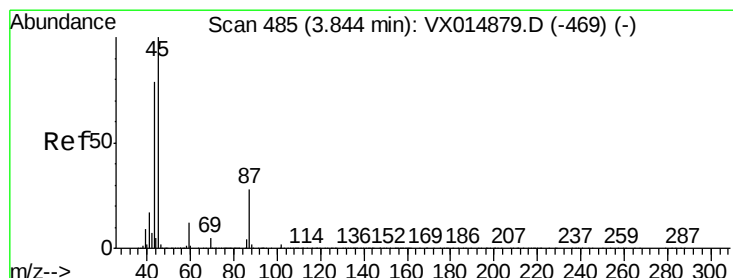
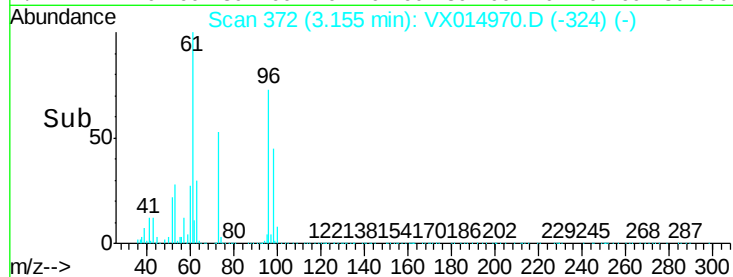
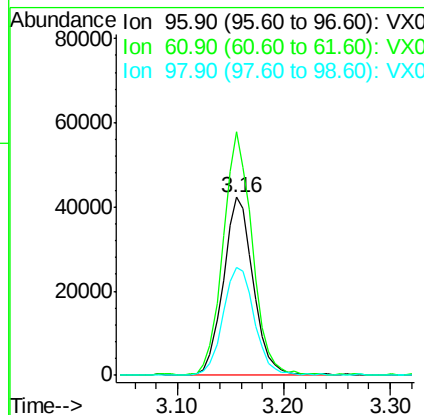
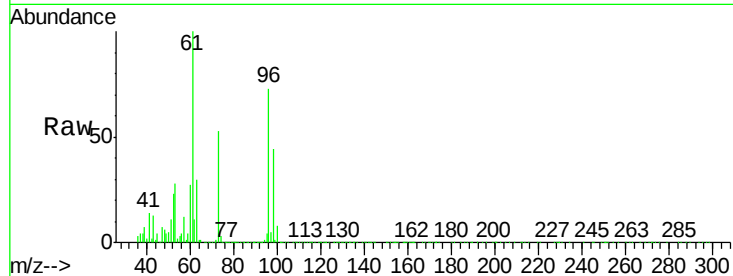
ClientSampleId :

VX0220WBS01

Tot Ion:	96	Resp:	81548
Ion Ratio	Lower	Upper	
96	100		
61	136.5	106.9	160.3
98	60.9	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.092 ug/l

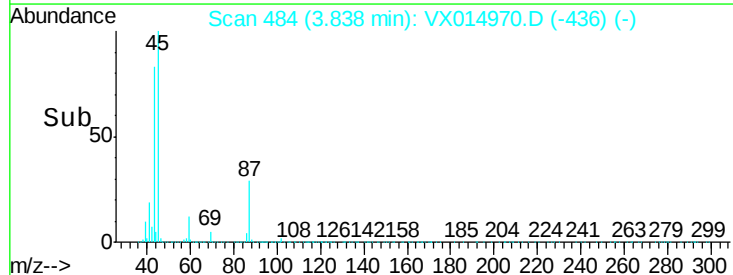
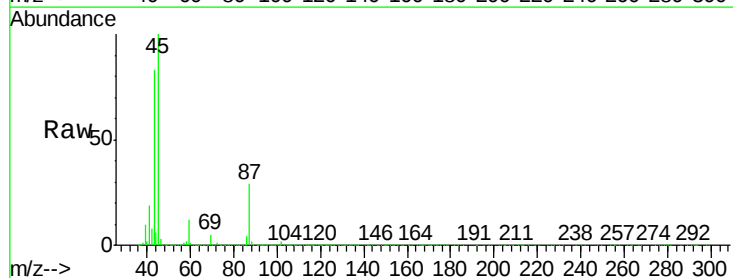
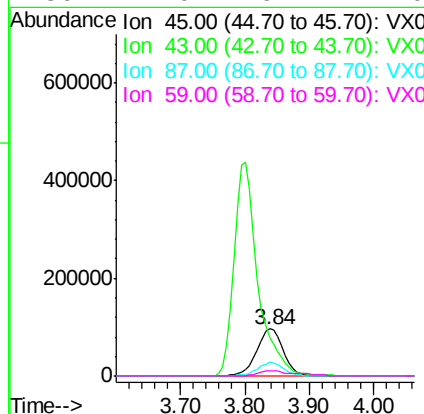
RT: 3.84 min Scan# 484

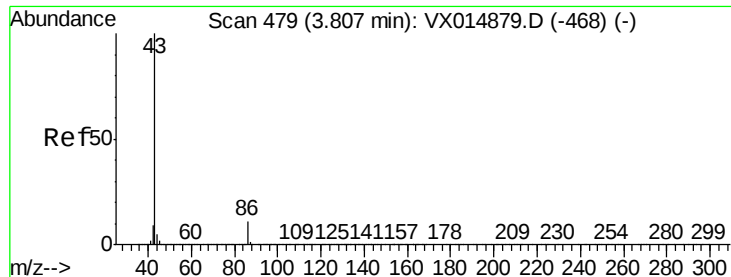
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	45	Resp:	273531
Ion Ratio	Lower	Upper	
45	100		
43	82.5	63.5	95.3
87	28.6	22.2	33.4
59	12.0	9.4	14.0





#23

Vinyl Acetate

Concen: 101.312 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0220WBS01

Tot Ion: 43 Resp: 1136984

Ion Ratio Lower Upper

43 100

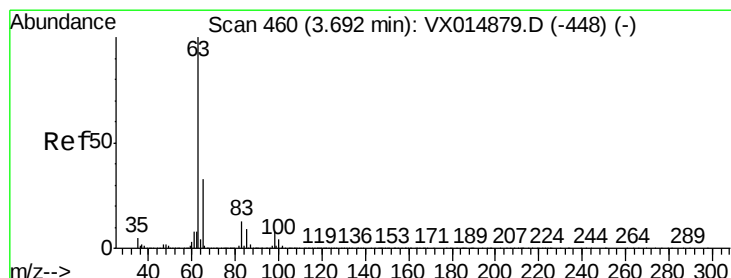
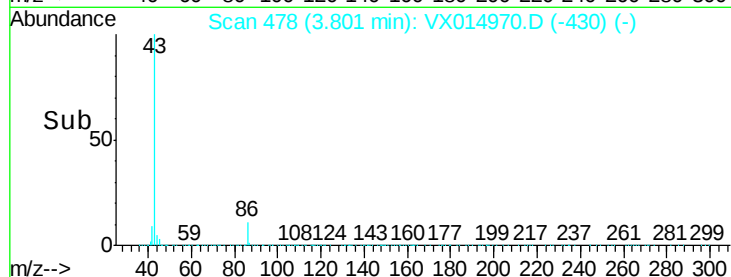
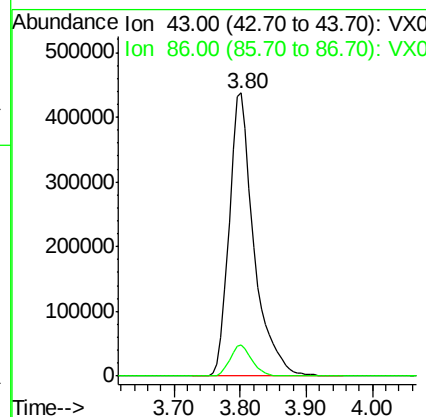
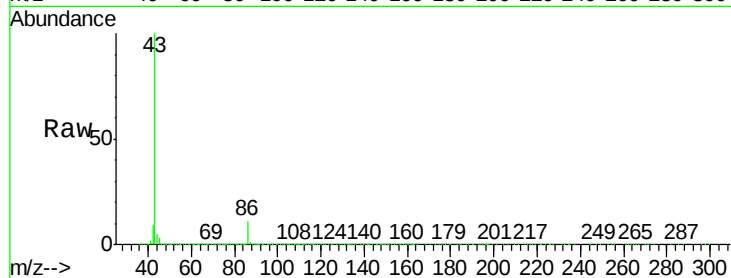
86 10.9 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.280 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

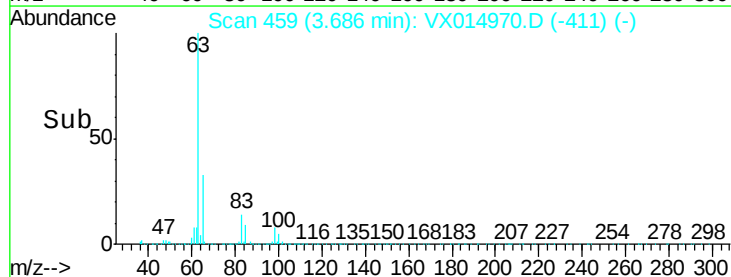
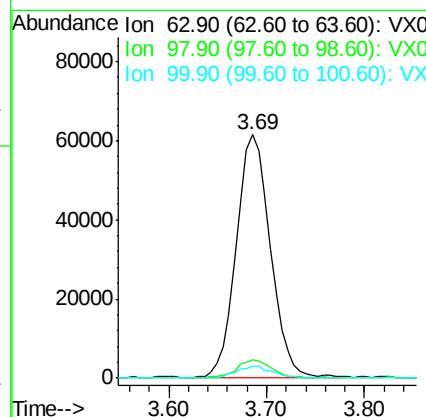
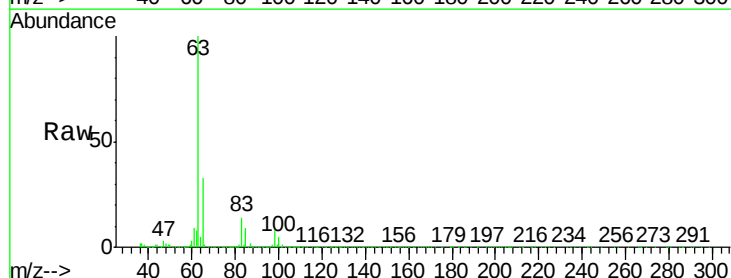
Tgt Ion: 63 Resp: 148134

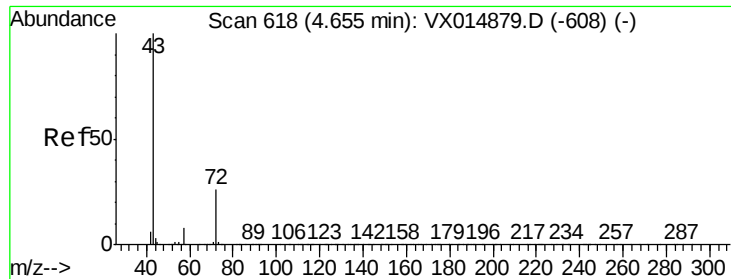
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 95.054 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 43 Resp: 320336

Ion Ratio Lower Upper

43 100

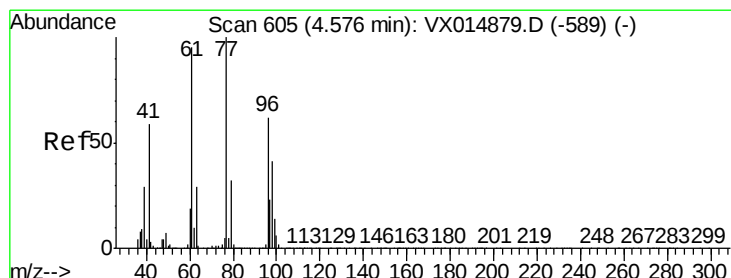
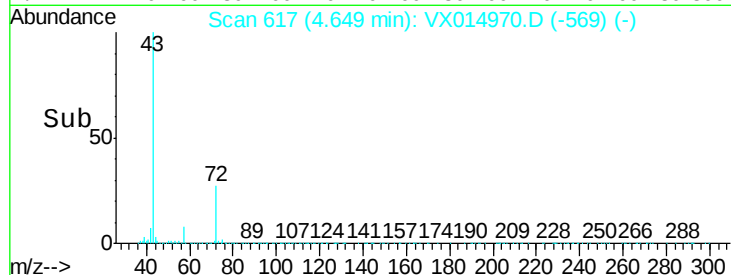
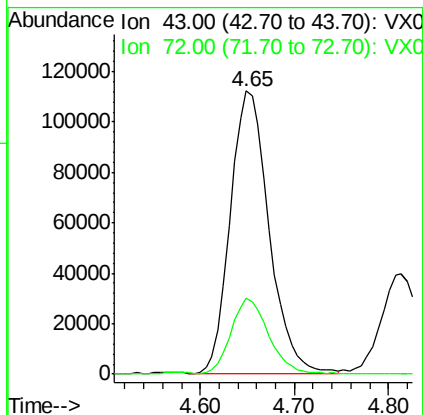
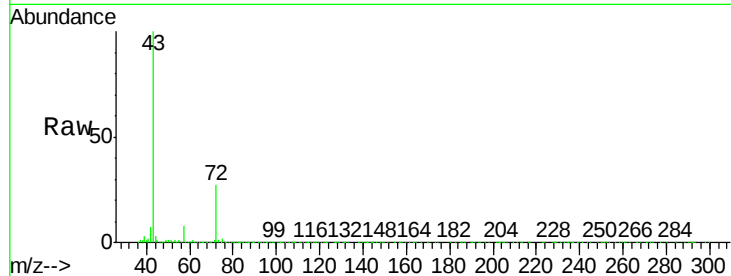
72 26.5 21.0 31.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 18.403 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014970.D

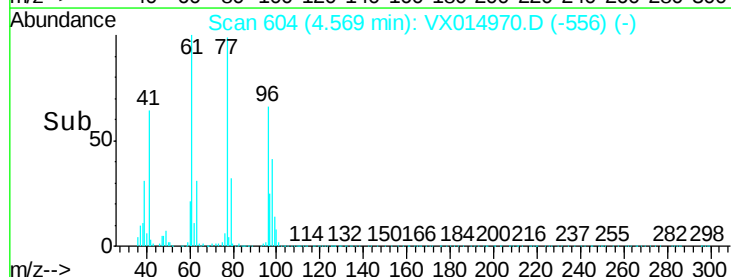
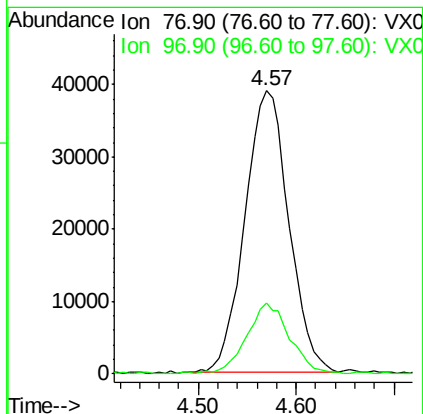
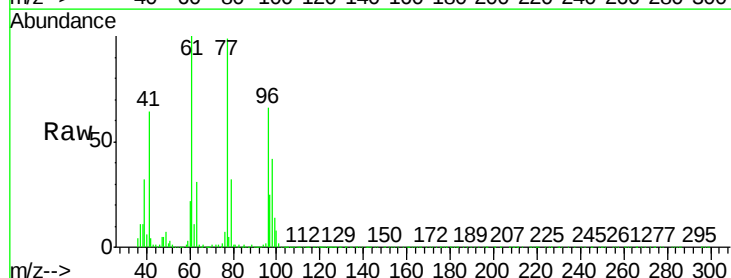
Acq: 20 Feb 2020 11:11

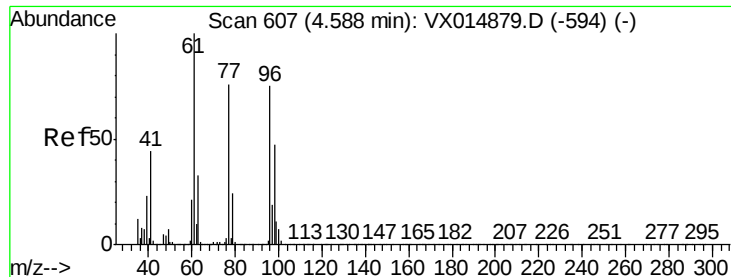
Tgt Ion: 77 Resp: 121855

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5





#27

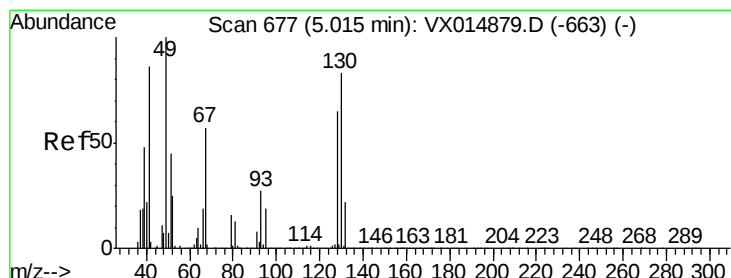
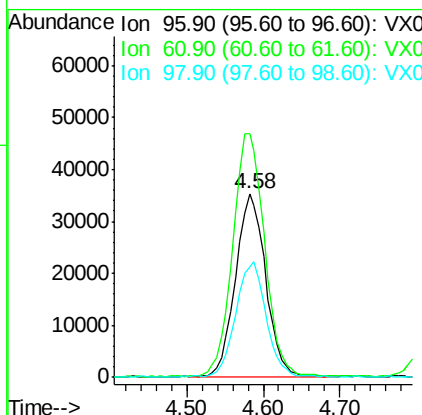
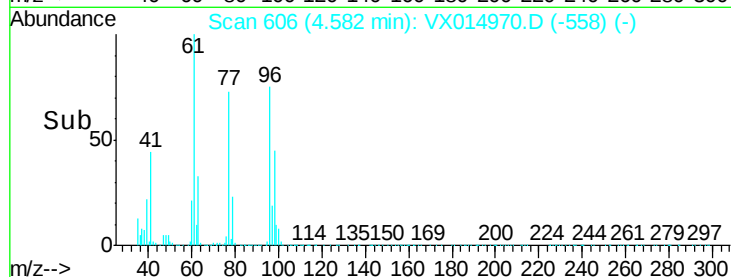
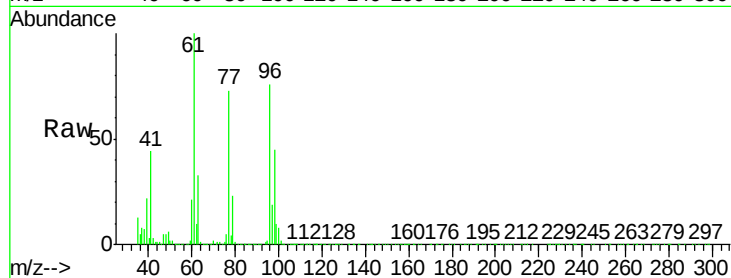
cis-1,2-Dichloroethene
Concen: 19.552 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	286.2
98	63.0	0.0	131.0

Manual Integrations
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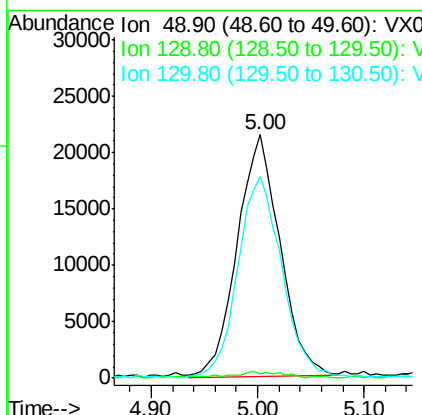
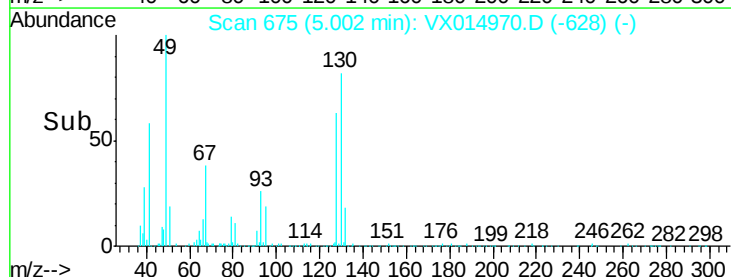
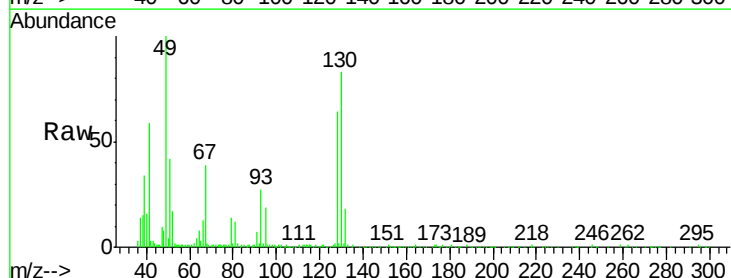
MMDadoda
2/21/2020 9:15:23 AM

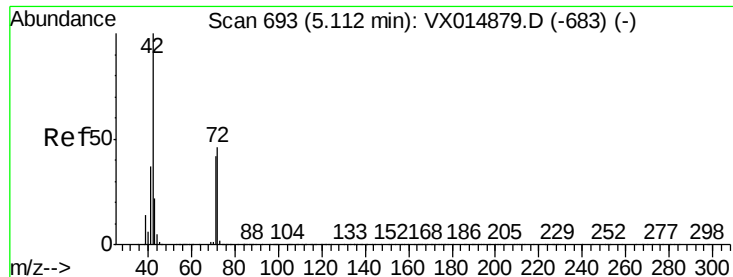


#28

Bromochloromethane
Concen: 20.385 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.2
130	84.8	67.4	101.2





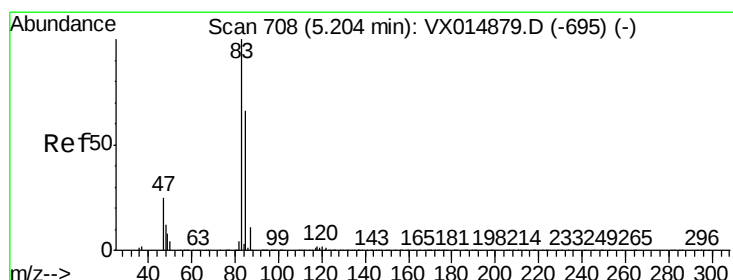
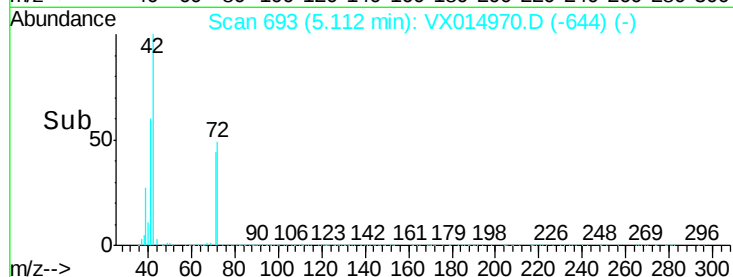
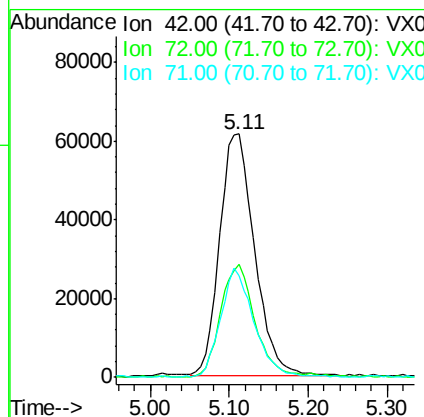
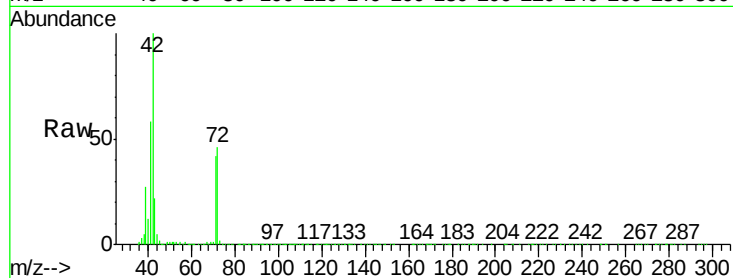
#29
Tetrahydrofuran
Concen: 99.059 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.9	55.3
71	42.5	34.1	51.1

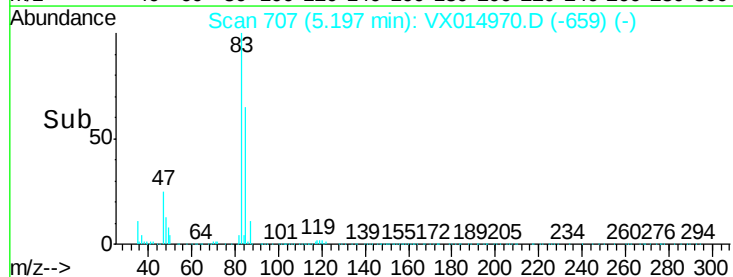
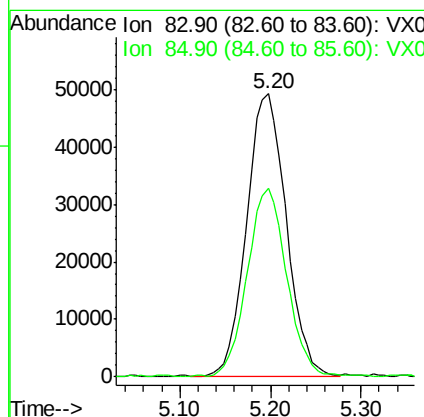
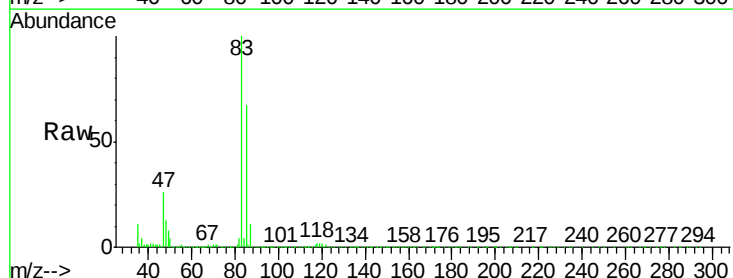
Manual Integrations
APPROVED

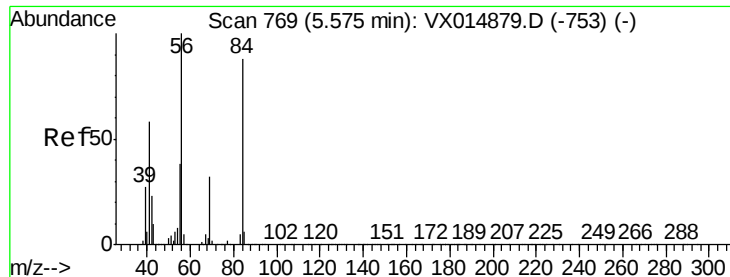
MMDadoda
2/21/2020 9:15:23 AM



#30
Chloroform
Concen: 19.454 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.9	79.3





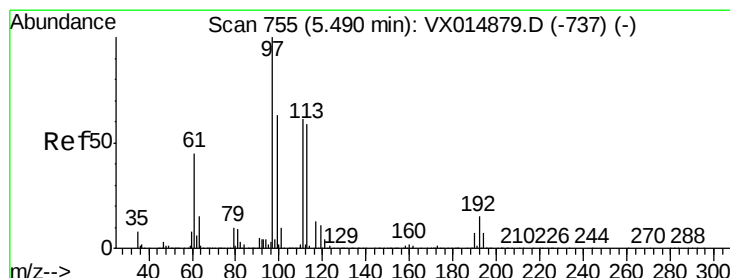
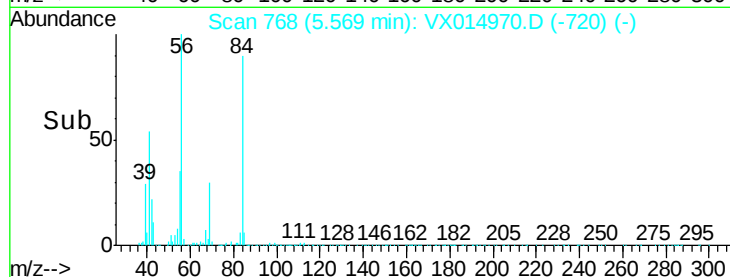
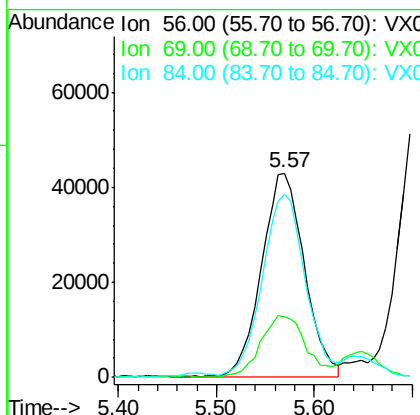
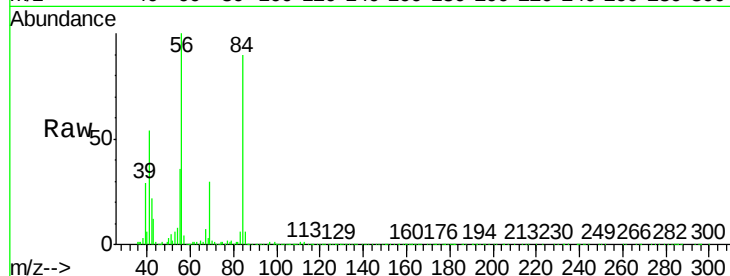
#31
Cyclohexane
Concen: 18.834 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.9	25.9	38.9	
84	88.0	70.4	105.6	

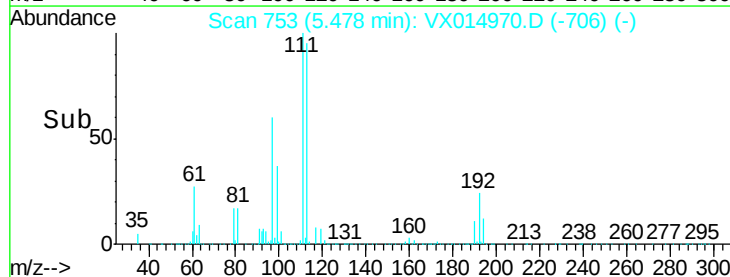
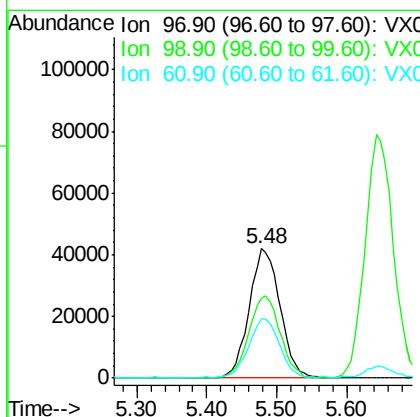
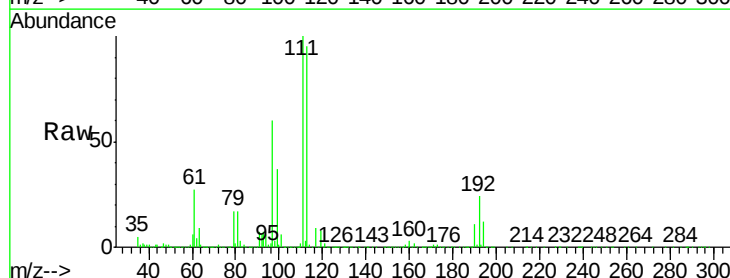
Manual Integrations
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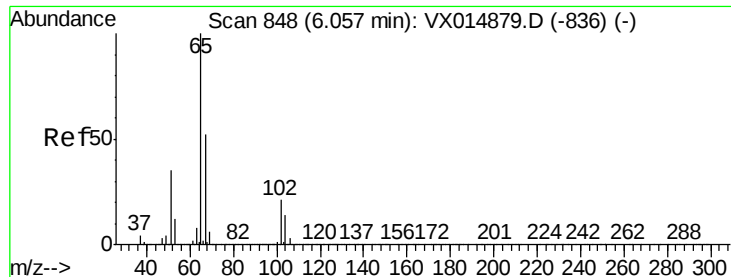
MMDadoda
2/21/2020 9:15:23 AM



#32
1,1,1-Trichloroethane
Concen: 19.283 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.0	76.6	
61	45.5	36.3	54.5	





#33

1,2-Dichloroethane-d4

Concen: 49.277 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0220WBS01

Tot Ion: 65 Resp: 243930

Ion Ratio Lower Upper

65 100

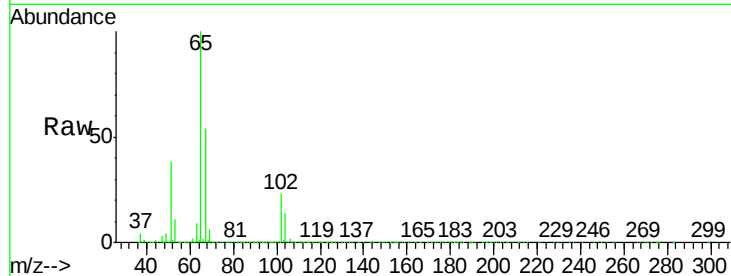
67 52.2 0.0 103.0

Manual Integrations

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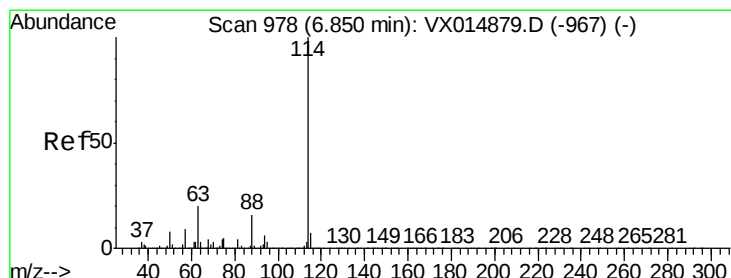
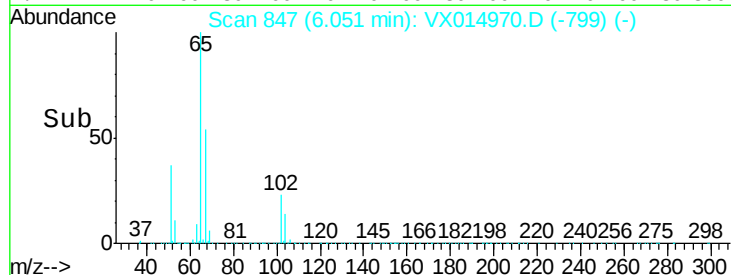
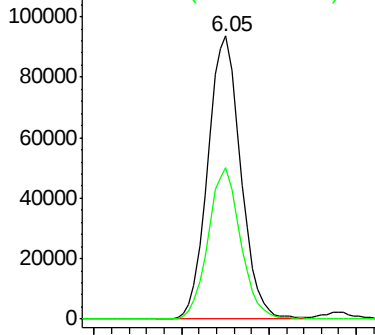
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

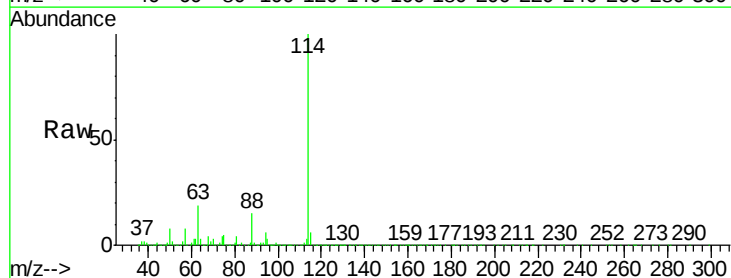
Tgt Ion: 114 Resp: 641886

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

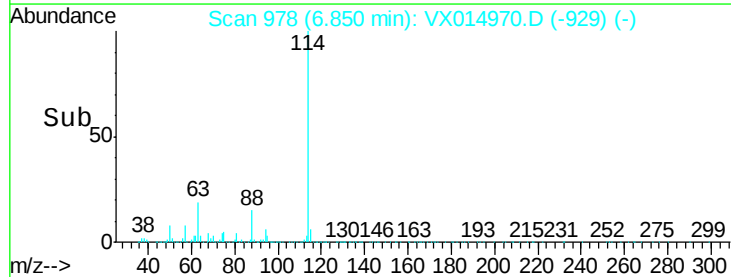
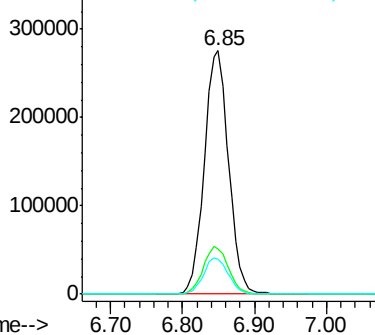
88 14.5 0.0 32.0

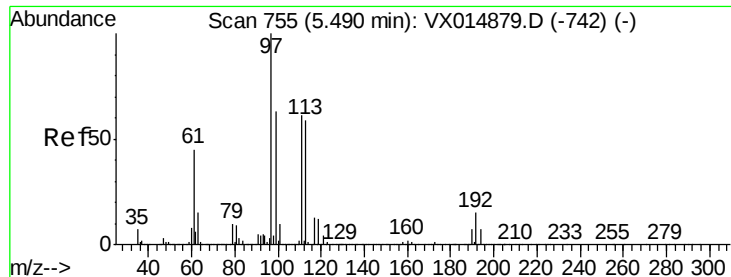


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.516 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

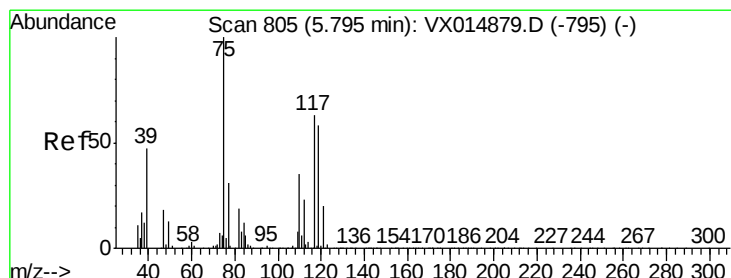
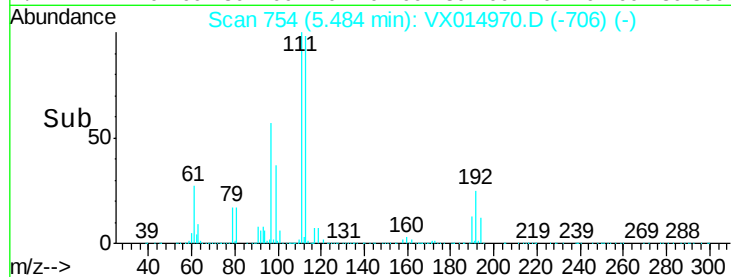
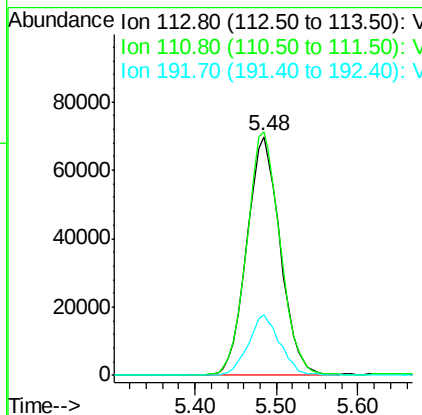
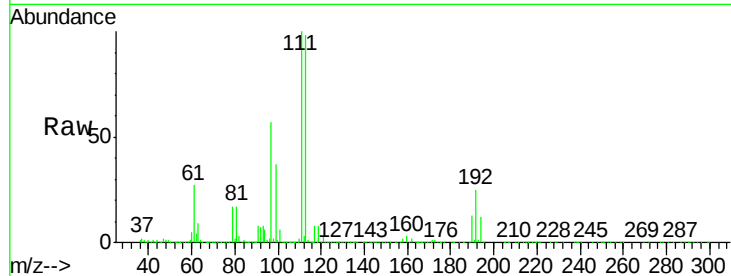
ClientSampleId :

VX0220WBS01

Tot Ion:	113	Resp:	199345
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	24.2	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.199 ug/l

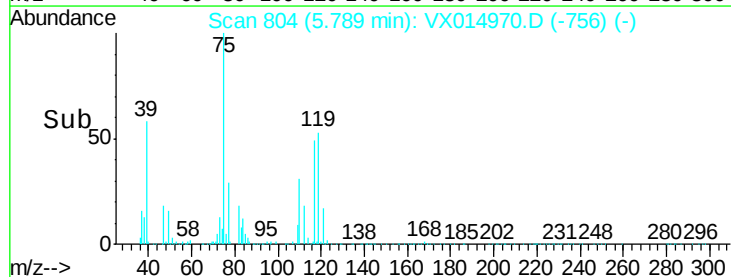
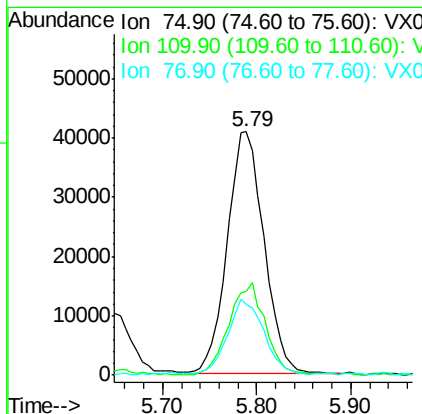
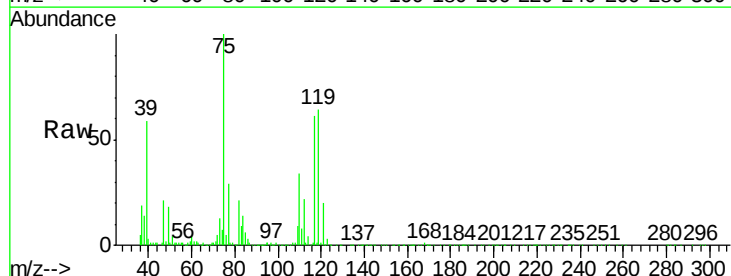
RT: 5.79 min Scan# 804

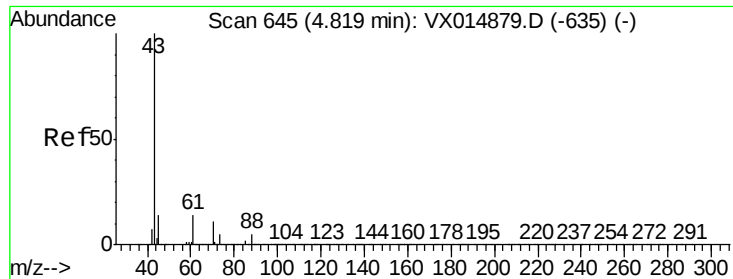
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	75	Resp:	110237
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.3	54.8
77	30.3	24.6	36.8





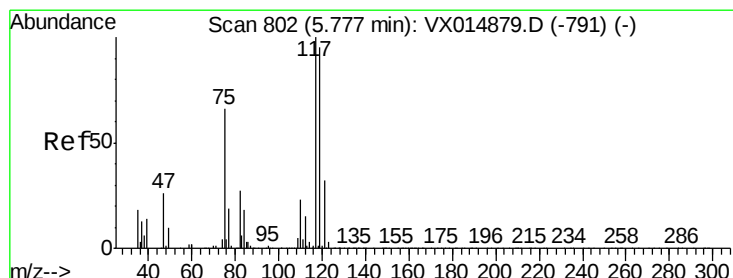
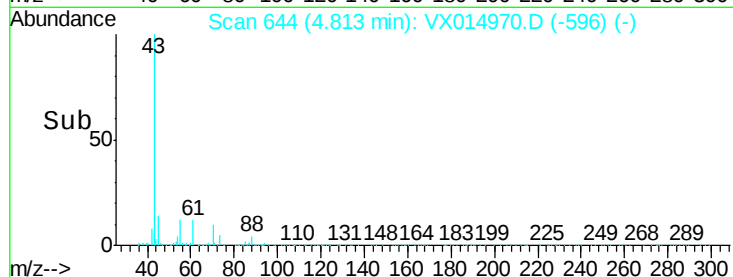
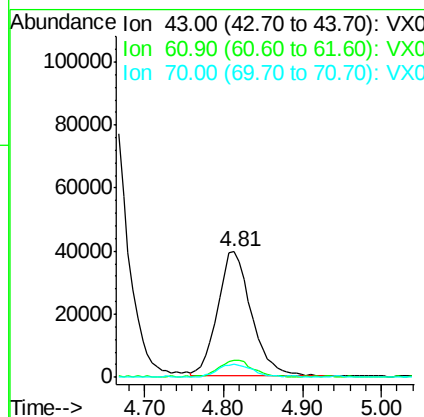
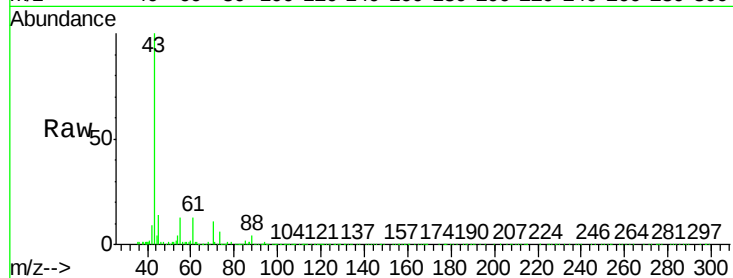
#37
Ethyl Acetate
Concen: 19.693 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.7	8.7	13.1

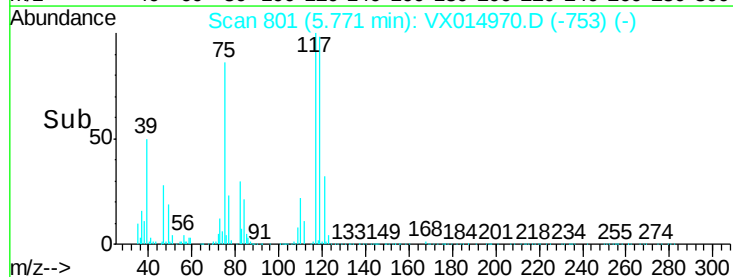
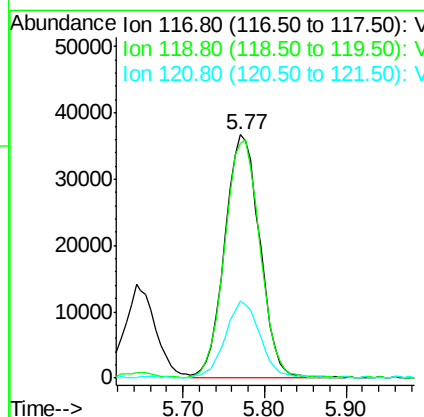
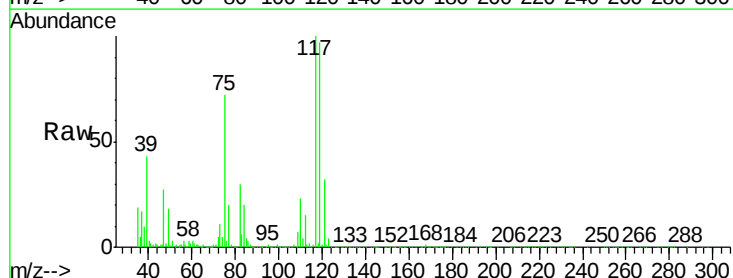
Manual Integrations
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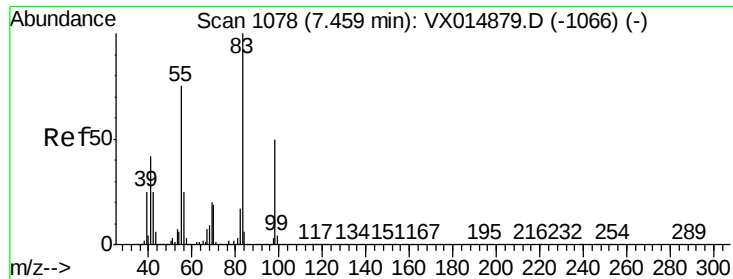
MMDadoda
2/21/2020 9:15:23 AM



#38
Carbon Tetrachloride
Concen: 19.428 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
121	31.5	25.4	38.2





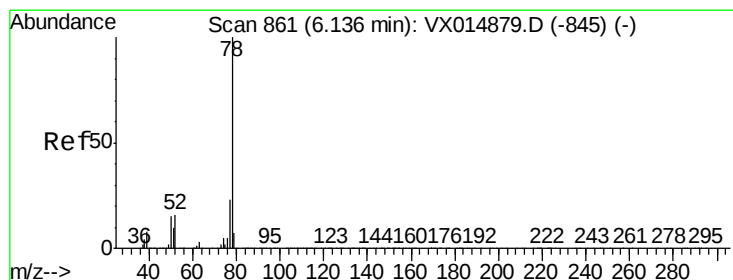
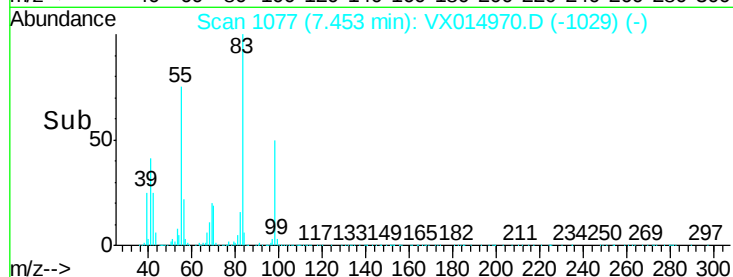
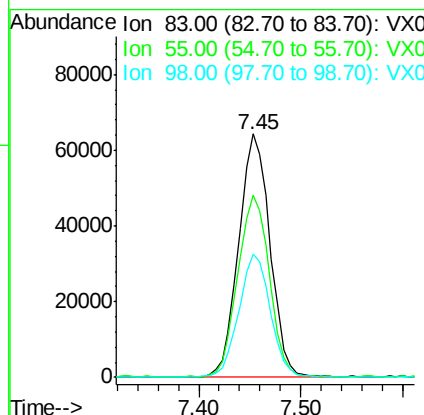
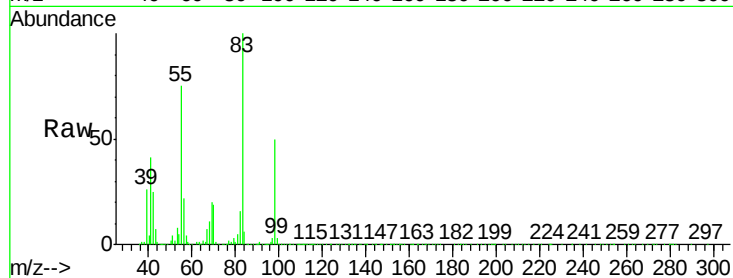
#39
Methvlcvclohexane
Concen: 18.931 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	83	Resp	135943
Ion Ratio	100	Lower	Upper
83	100		
55	74.8	60.0	90.0
98	50.5	39.6	59.4

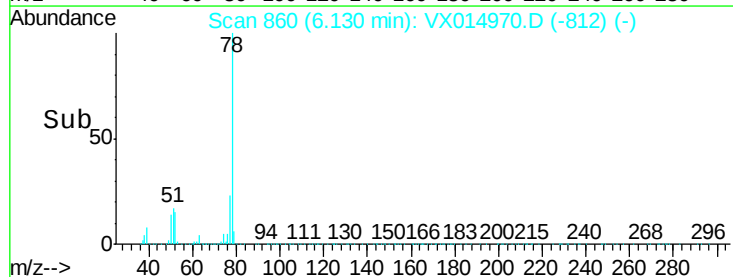
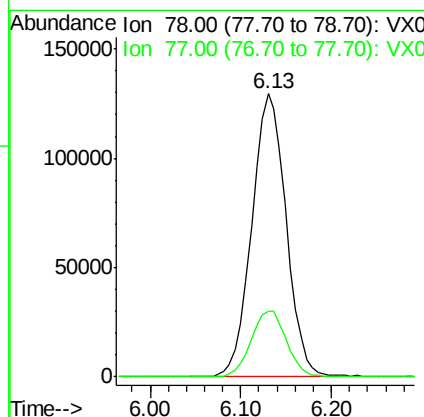
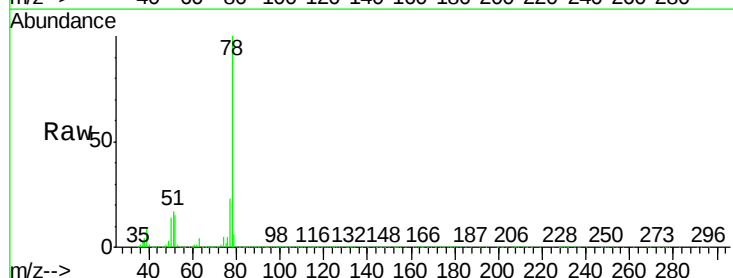
Manual Integrations
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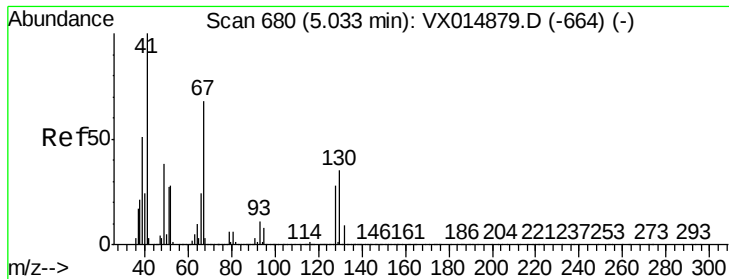
MMDadoda
2/21/2020 9:15:23 AM



#40
Benzene
Concen: 19.668 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	78	Resp	337410
Ion Ratio	100	Lower	Upper
78	100		
77	23.3	18.8	28.2





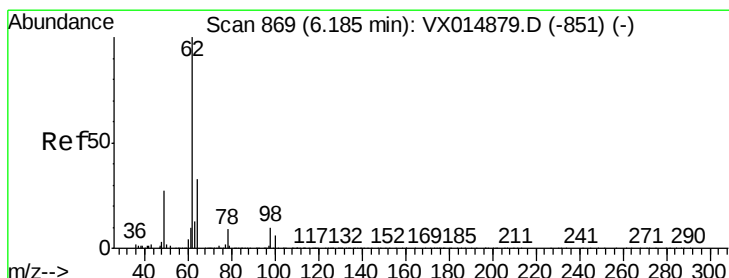
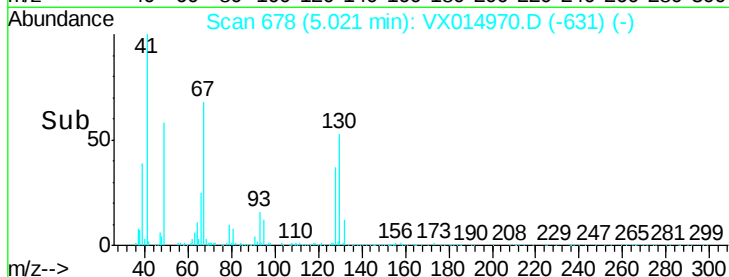
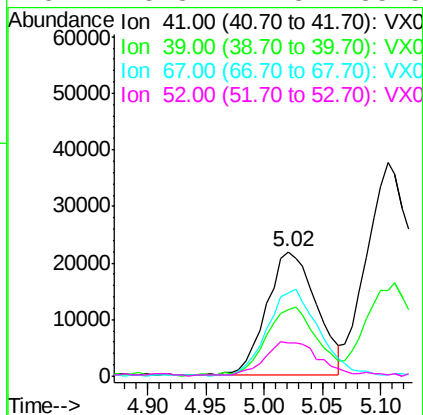
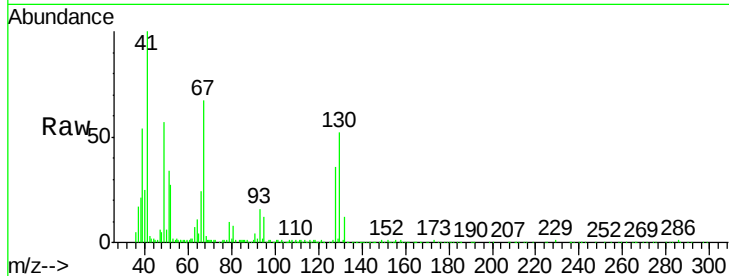
#41
Methacrylonitrile
Concen: 19.961 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.7	67.1
67	72.4	56.6	84.8
52	28.3	22.3	33.5

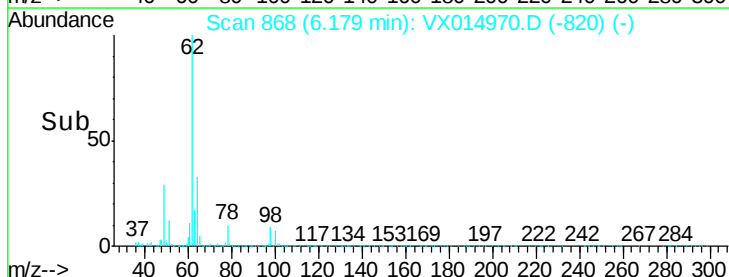
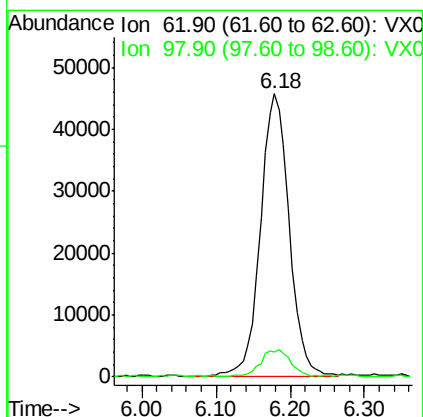
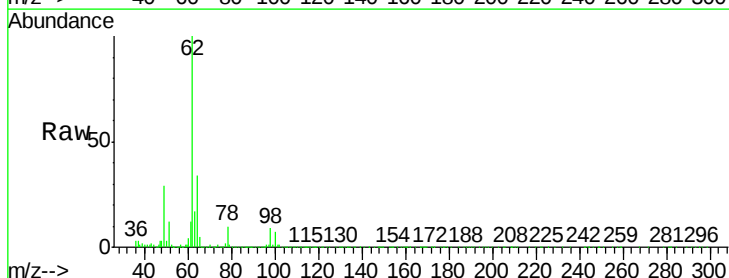
Manual Integrations
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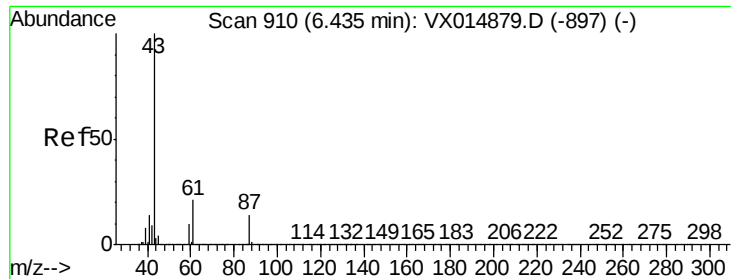
MMDadoda
2/21/2020 9:15:23 AM



#42
1,2-Dichloroethane
Concen: 20.020 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





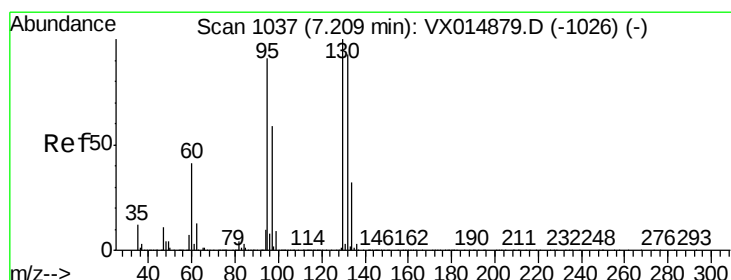
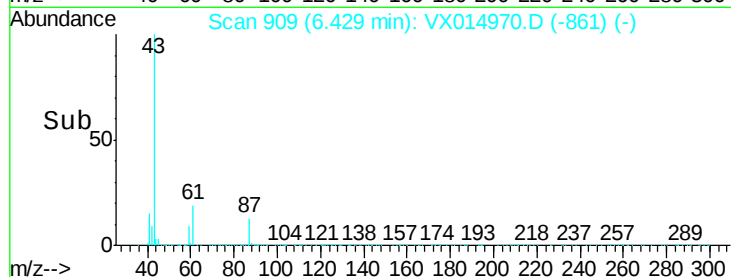
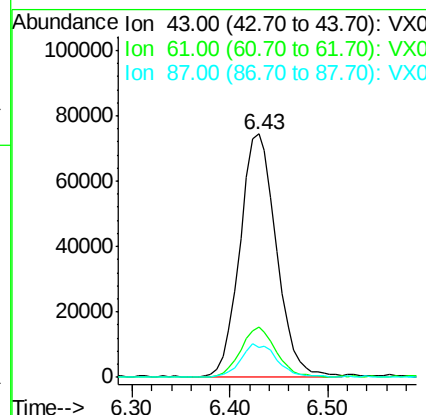
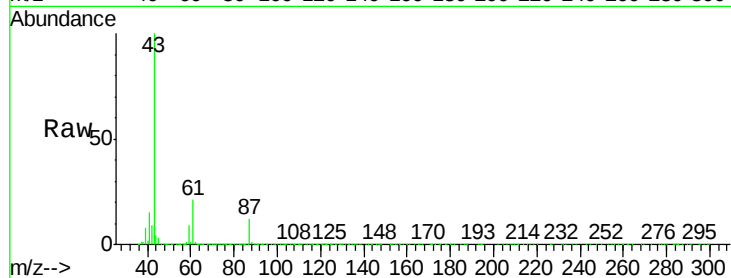
#43
Isopropyl Acetate
Concen: 19.384 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	43	Resp	191496
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.2	24.4
87	13.7	11.0	16.6

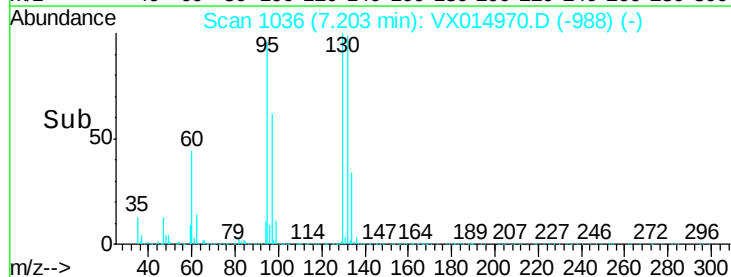
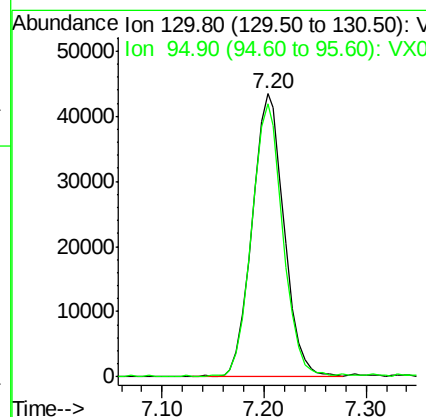
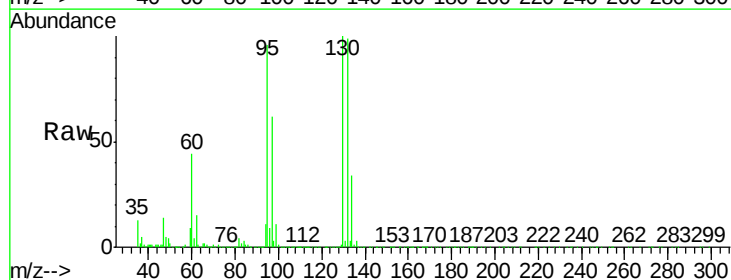
Manual Integrations
APPROVED

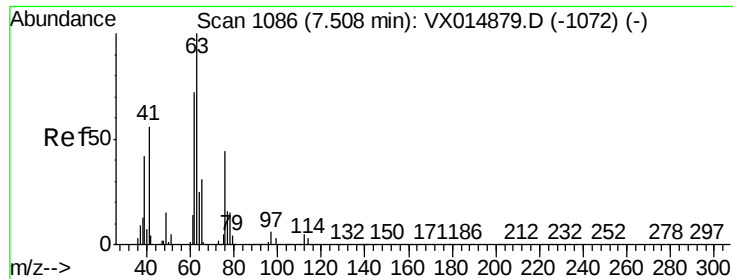
MMDadoda
2/21/2020 9:15:23 AM



#44
Trichloroethene
Concen: 19.006 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	130	Resp	94655
Ion Ratio	Lower	Upper	
130	100		
95	96.1	0.0	182.6





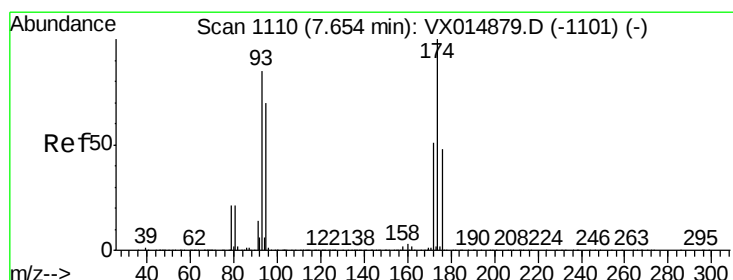
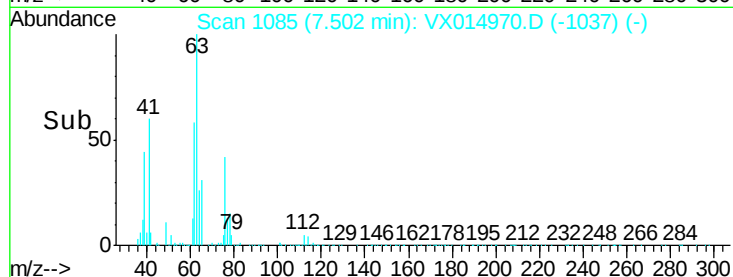
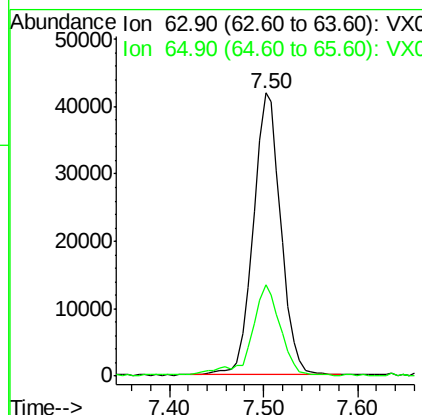
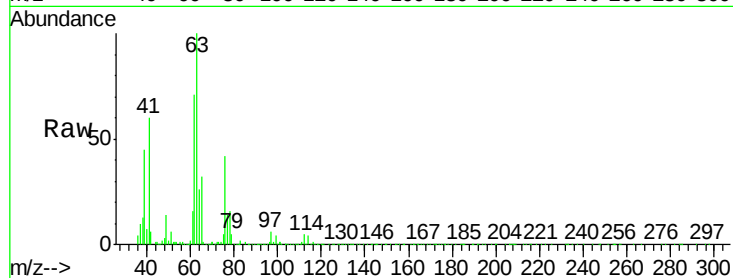
#45
 1,2-Dichloropropane
 Concen: 19.602 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.9	37.3

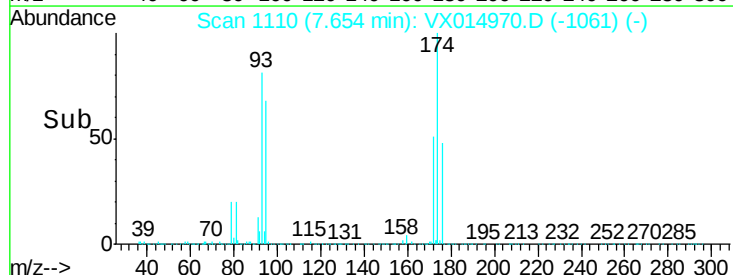
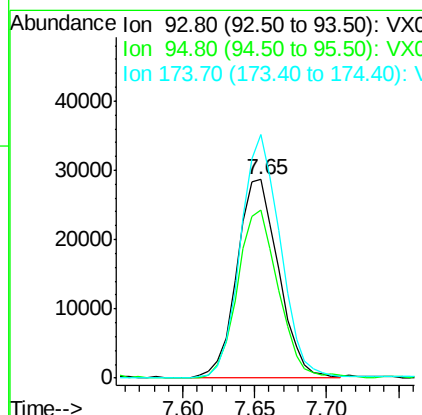
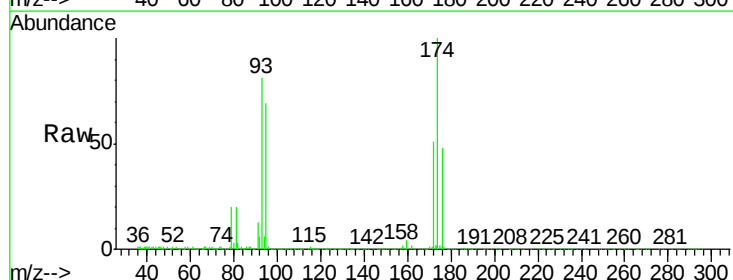
Manual Integrations
 APPROVED

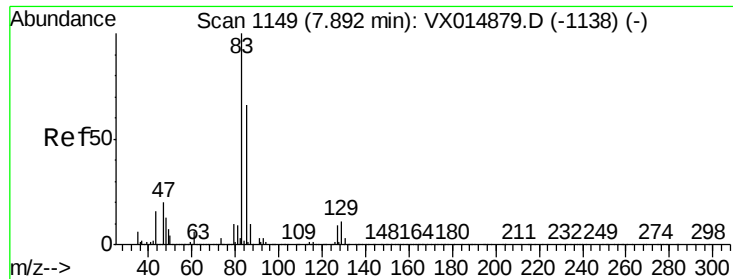
MMDadoda
 2/21/2020 9:15:23 AM



#46
 Dibromomethane
 Concen: 19.320 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	117.6	95.4	143.2





#47

Bromodichloromethane

Concen: 19.246 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

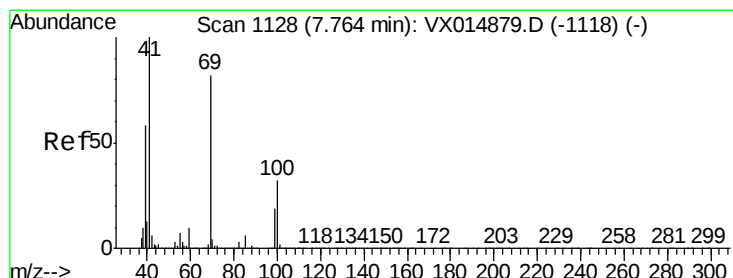
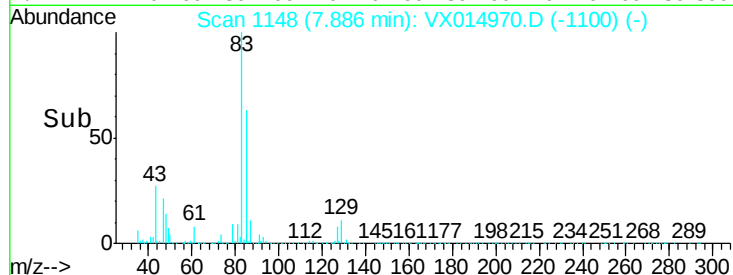
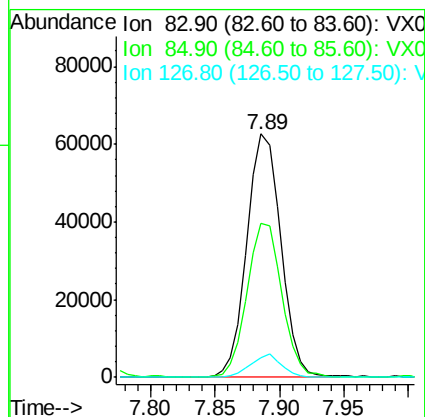
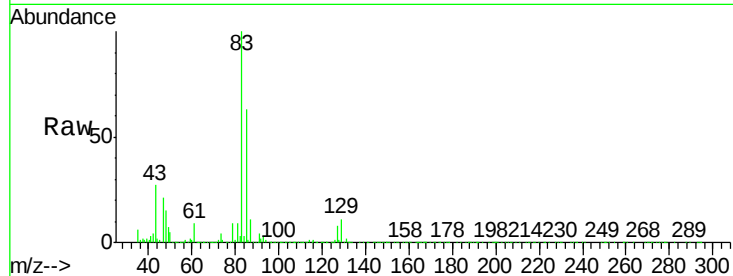
ClientSampleId :

VX0220WBS01

Tot Ion:	83	Resp:	114127
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.5	78.7
127	8.0	7.4	11.0

Manual Integrations
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MMDadoda
2/21/2020 9:15:23 AM



#48

Methyl methacrylate

Concen: 19.557 ug/l

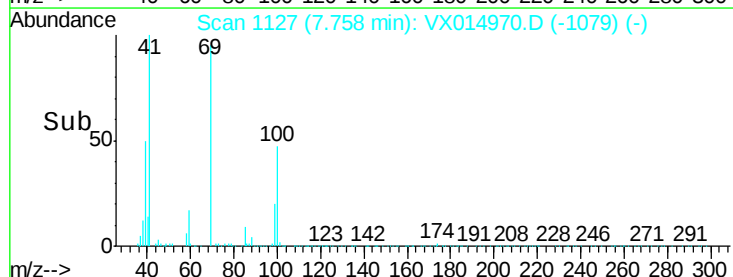
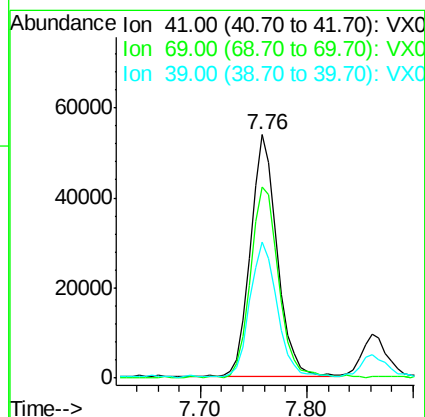
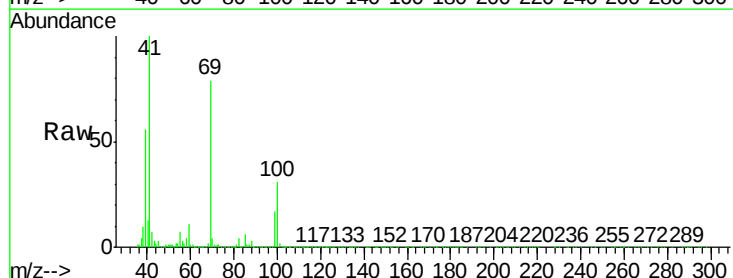
RT: 7.76 min Scan# 1127

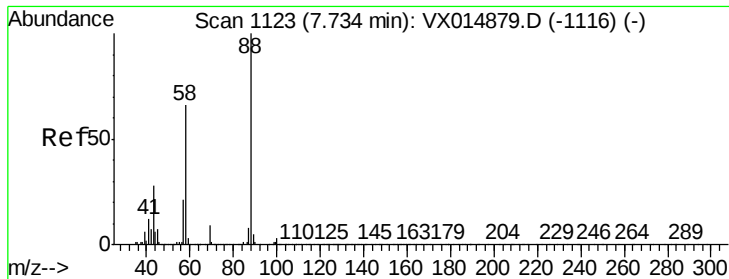
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	41	Resp:	95084
Ion Ratio	Lower	Upper	
41	100		
69	82.2	65.7	98.5
39	56.4	45.8	68.8





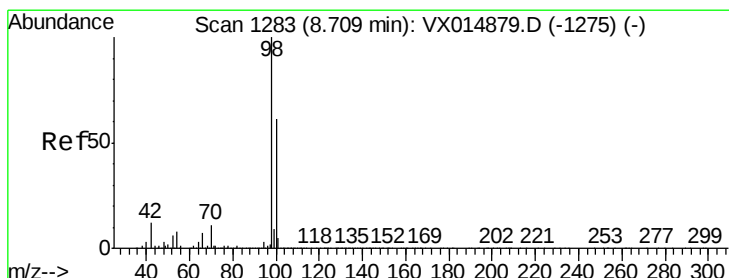
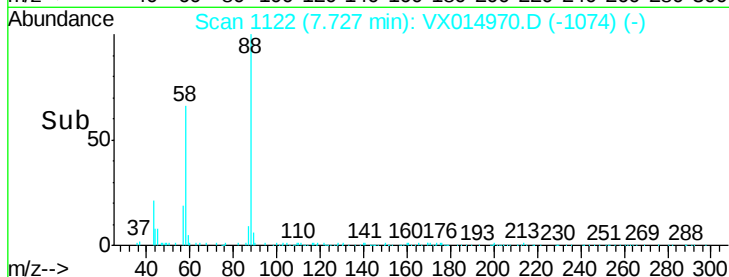
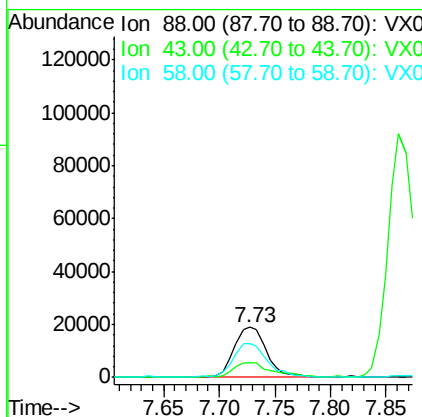
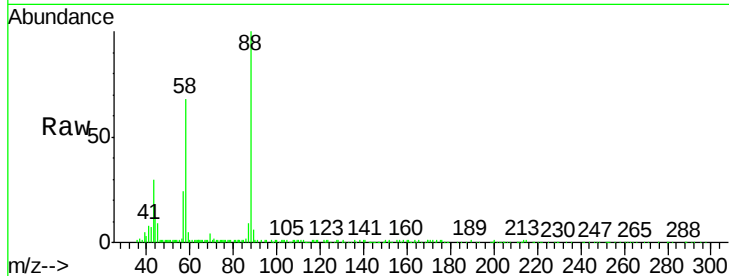
#49
1,4-Dioxane
Concen: 417.630 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.0	40.4
58	69.7	53.2	79.8

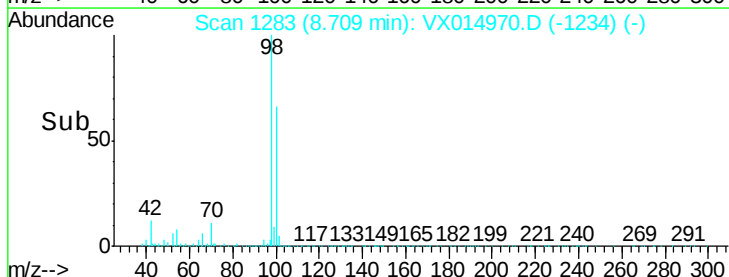
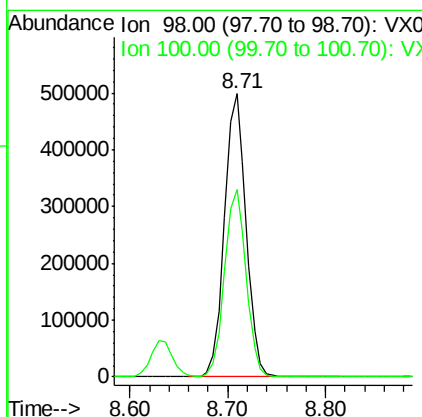
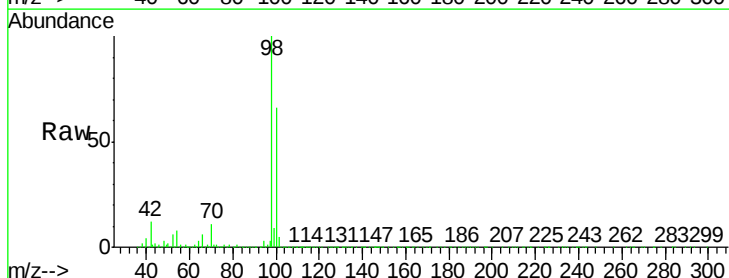
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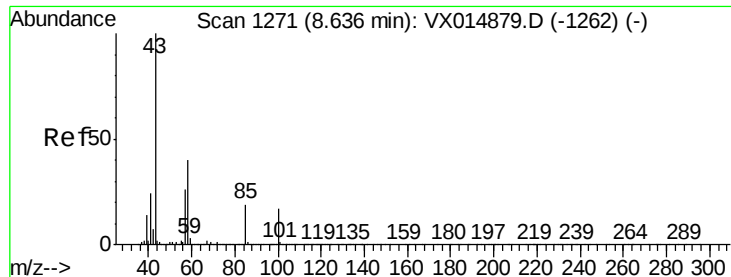
MMDadoda
2/21/2020 9:15:23 AM



#50
Toluene-d8
Concen: 50.522 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 101.313 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 43 Resp: 604352

Ion Ratio Lower Upper

43 100

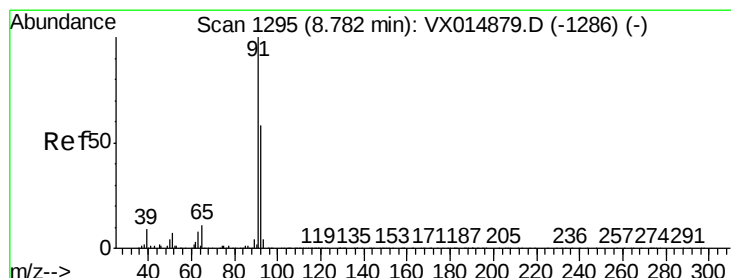
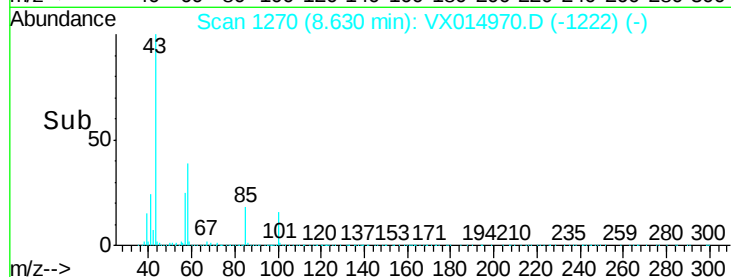
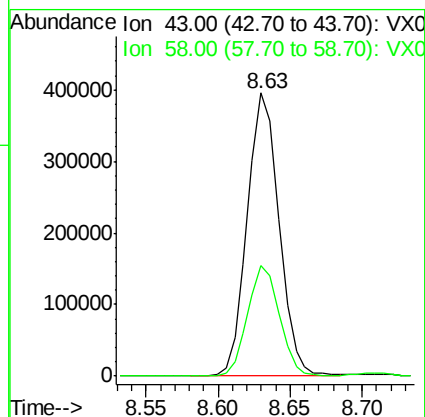
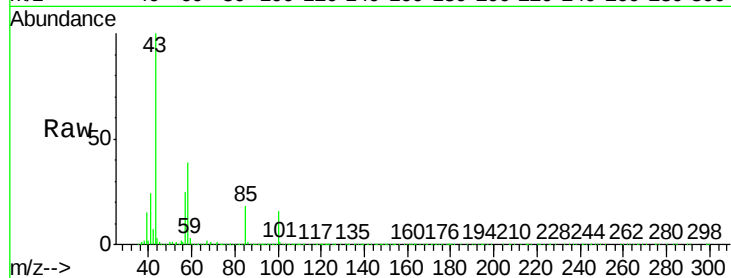
58 39.2 31.9 47.9

Manual Integrations

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MMDadoda

2/21/2020 9:15:23 AM



#52

Toluene

Concen: 19.527 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014970.D

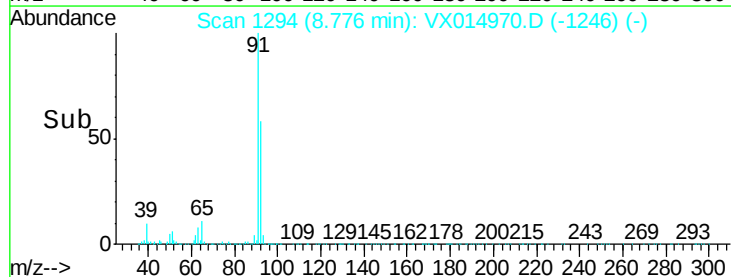
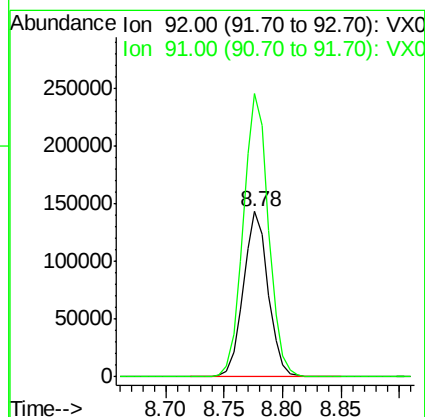
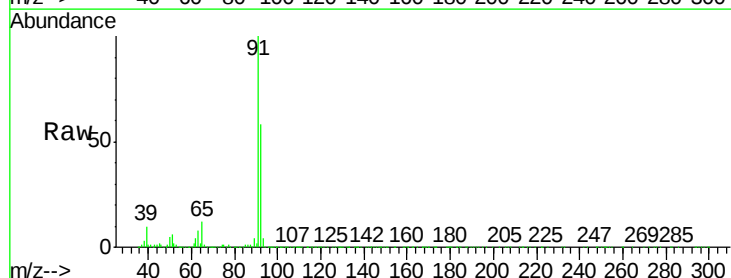
Acq: 20 Feb 2020 11:11

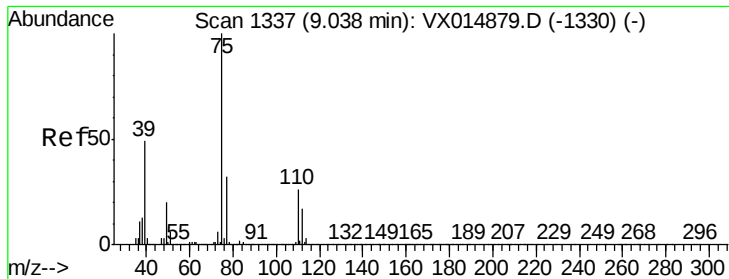
Tgt Ion: 92 Resp: 212775

Ion Ratio Lower Upper

92 100

91 174.6 137.0 205.4





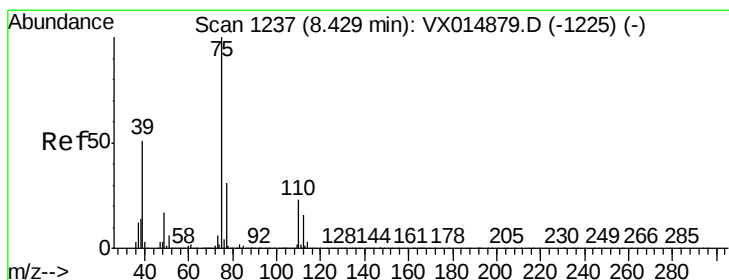
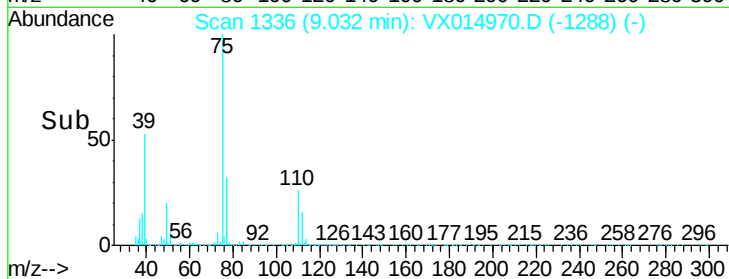
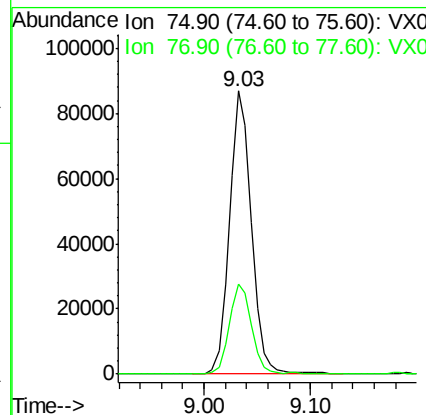
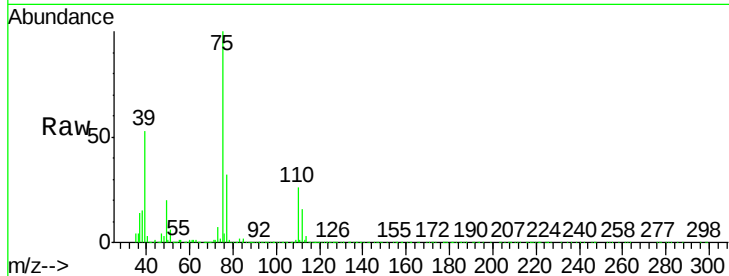
#53
t-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampled :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

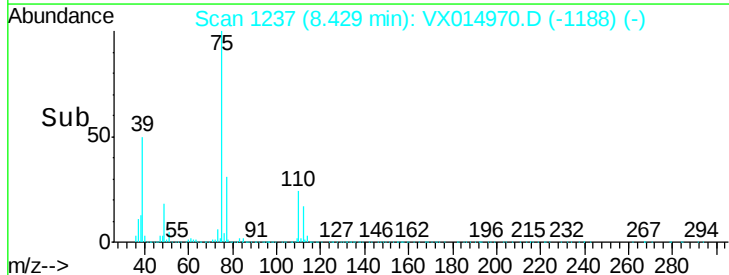
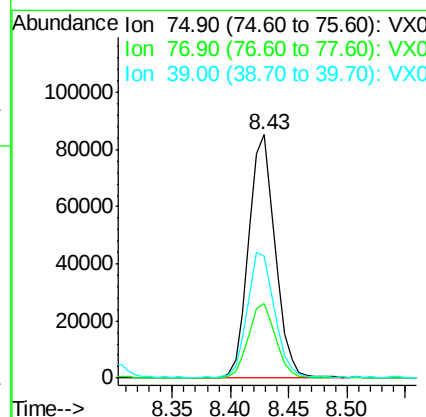
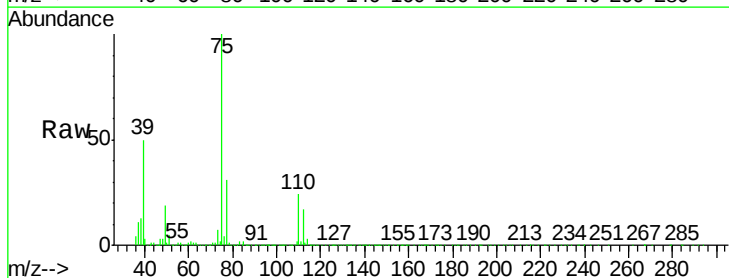
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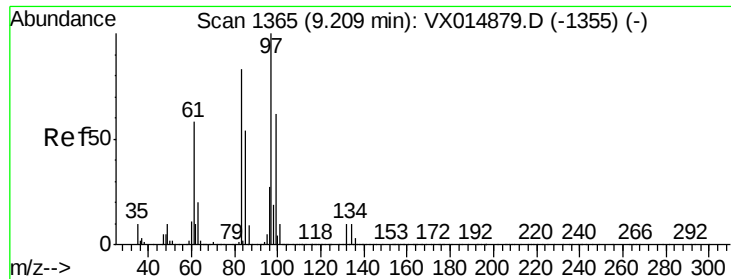
MMDadoda
2/21/2020 9:15:23 AM



#54
cis-1,3-Dichloropropene
Concen: 19.099 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	37.0
39	50.1	40.9	61.3





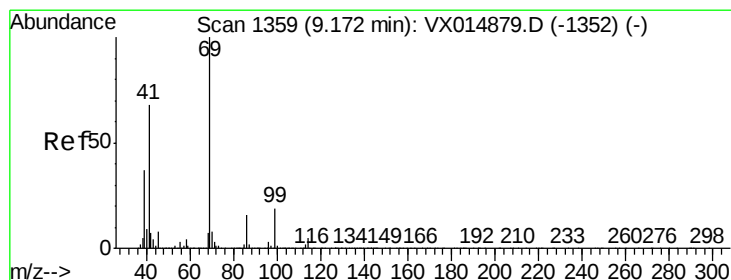
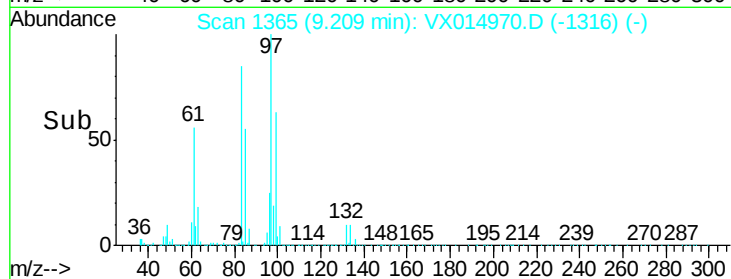
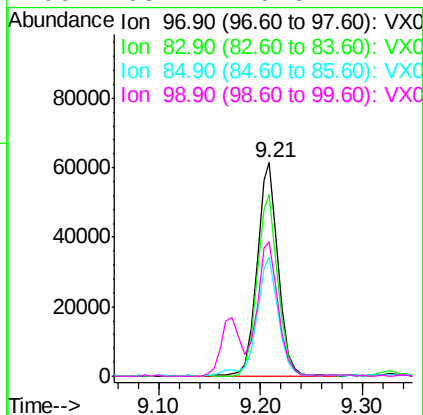
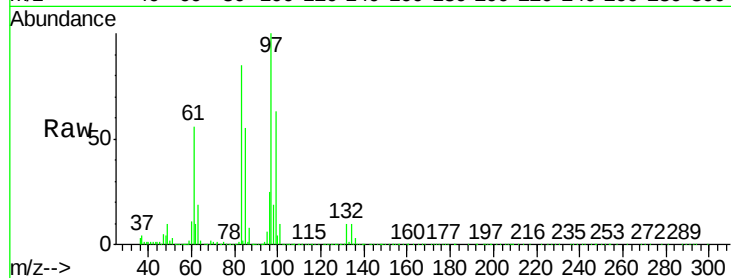
#55
 1,1,2-Trichloroethane
 Concen: 20.254 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		89290		
83	84.9	66.6	99.8		
85	55.2	43.5	65.3		
99	63.1	49.6	74.4		

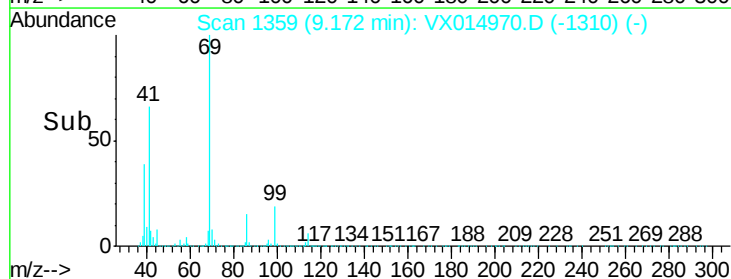
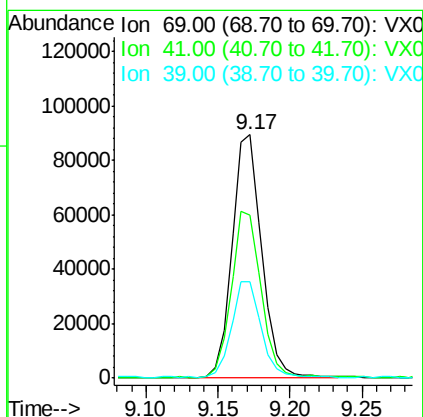
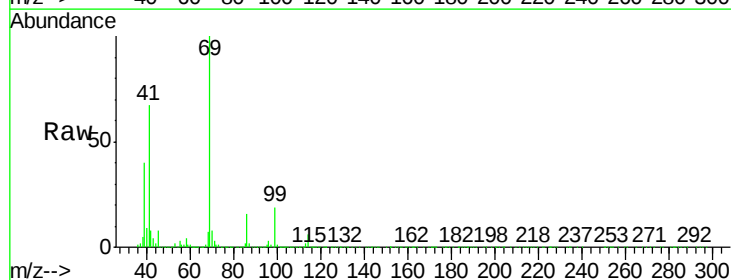
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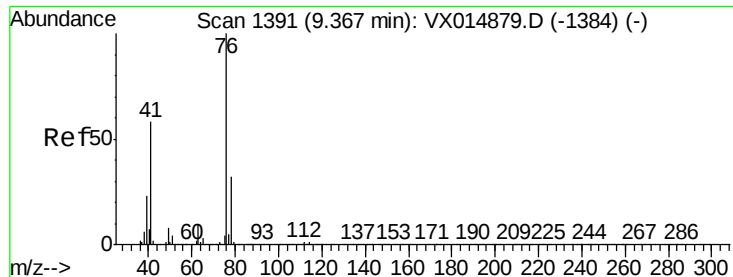
MMDadoda
 2/21/2020 9:15:23 AM



#56
 Ethyl methacrylate
 Concen: 19.264 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		127646		
41	69.0	54.8	82.2		
39	39.5	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 19.839 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 76 Resp: 147219

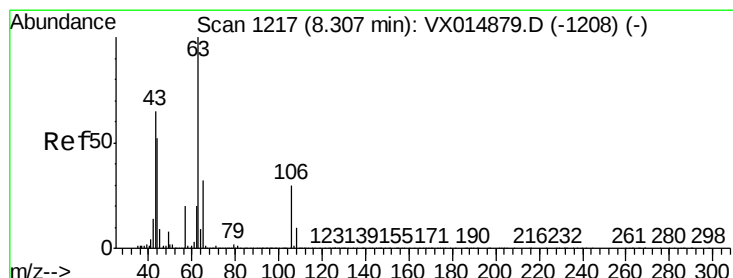
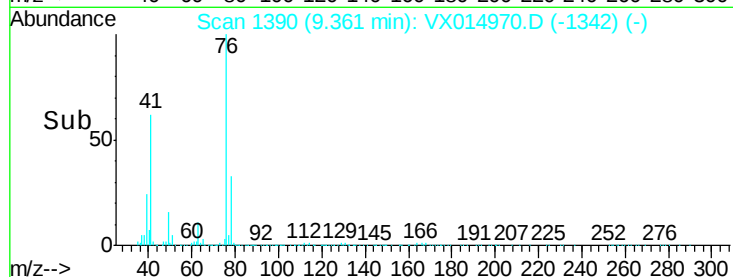
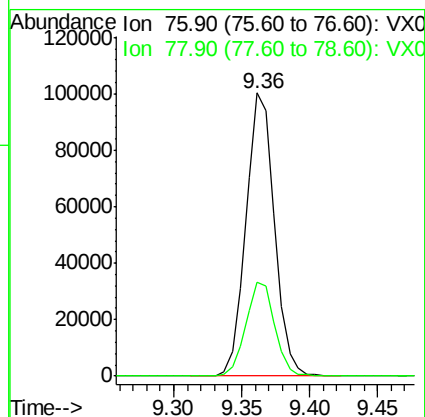
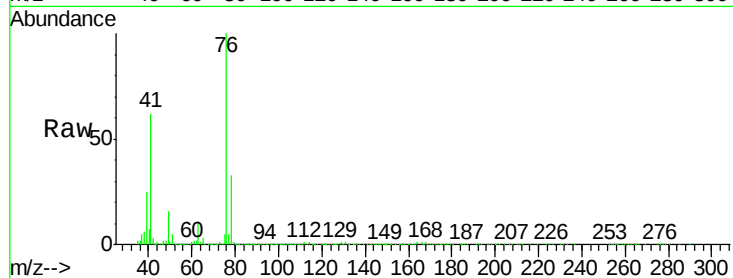
Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:23 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.097 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014970.D

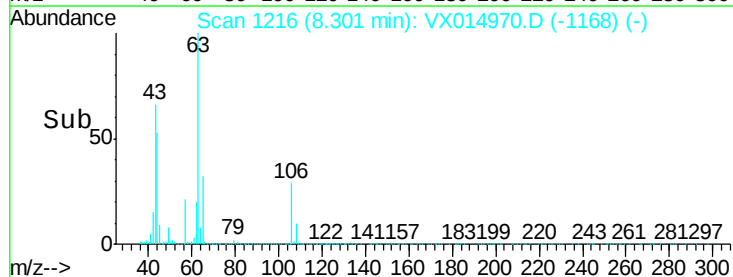
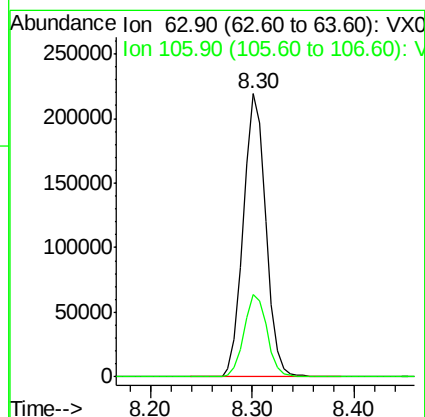
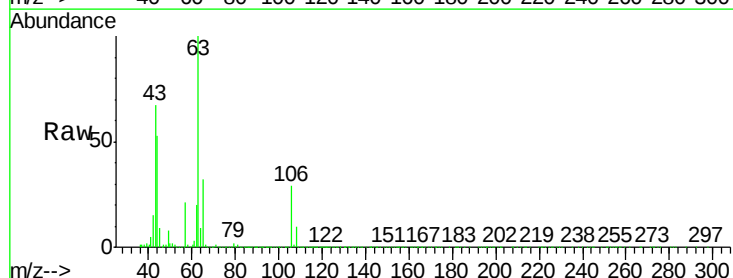
Acq: 20 Feb 2020 11:11

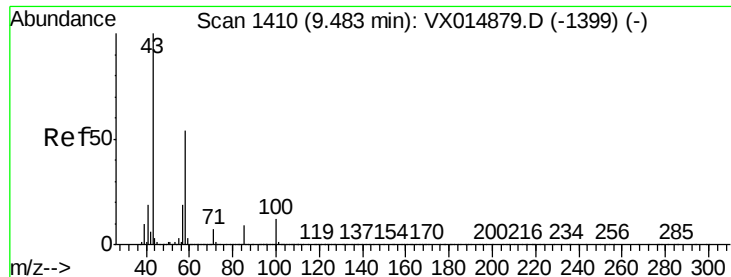
Tgt Ion: 63 Resp: 333015

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8





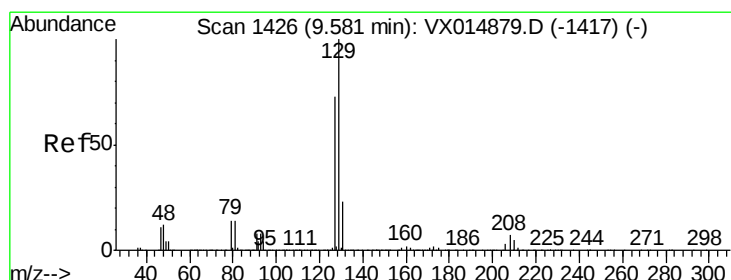
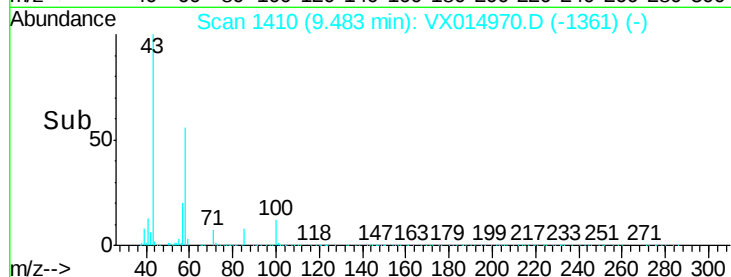
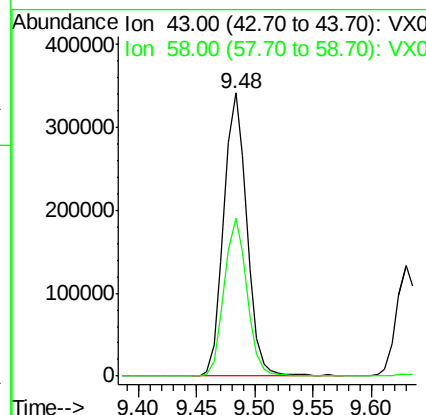
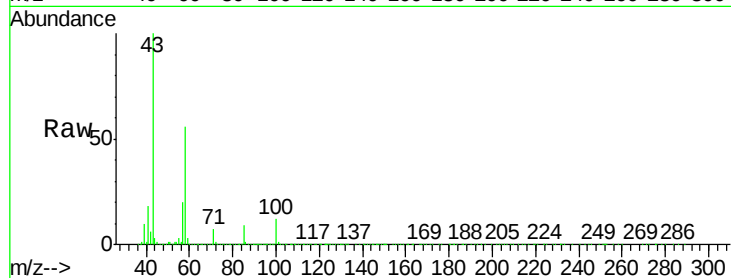
#59
2-Hexanone
Concen: 99.676 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	27.5	82.5

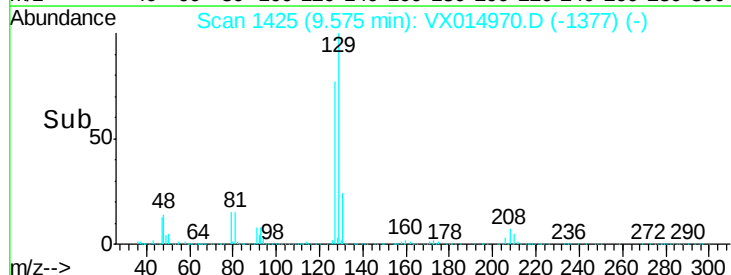
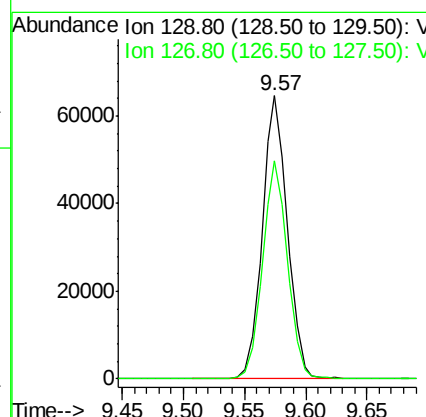
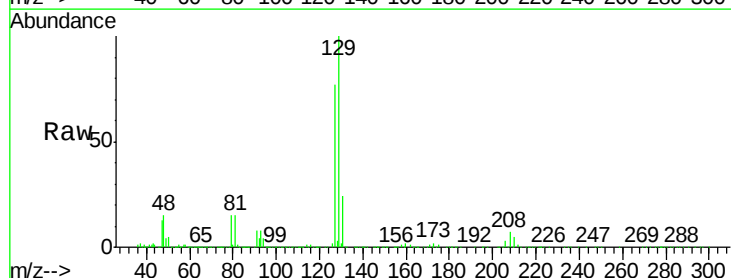
Manual Integrations
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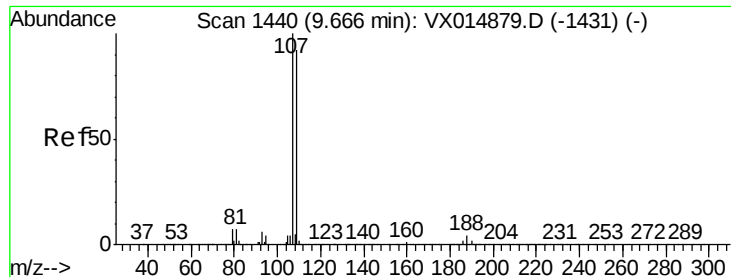
MMDadoda
2/21/2020 9:15:23 AM



#60
Dibromochloromethane
Concen: 19.495 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	37.8	113.3





#61

1,2-Dibromoethane

Concen: 19.576 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion: 107 Resp: 93116

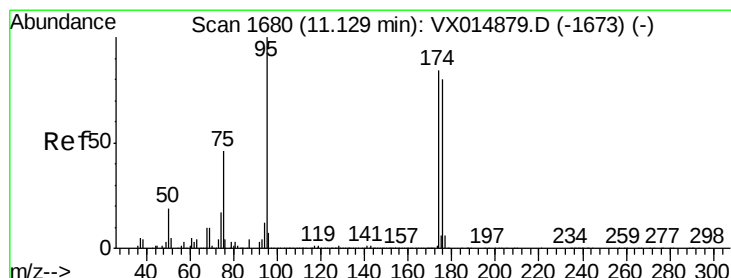
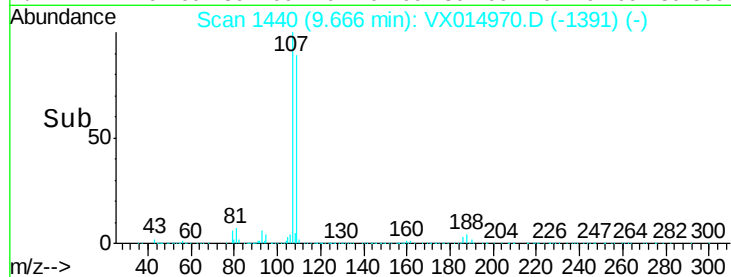
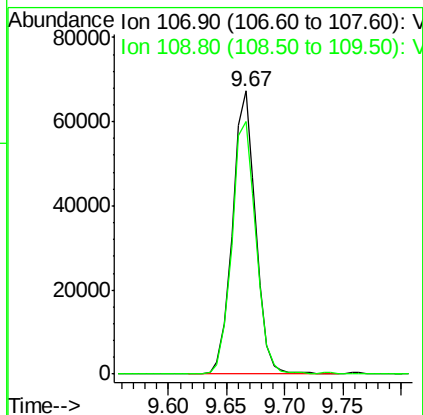
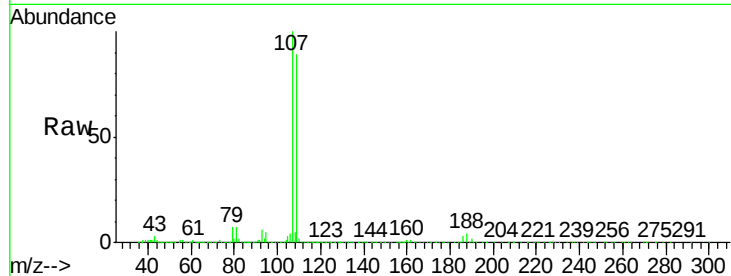
Ion Ratio Lower Upper

107 100

109 92.4 75.6 113.4

Manual Integrations
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MMDadoda
2/21/2020 9:15:23 AM



#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

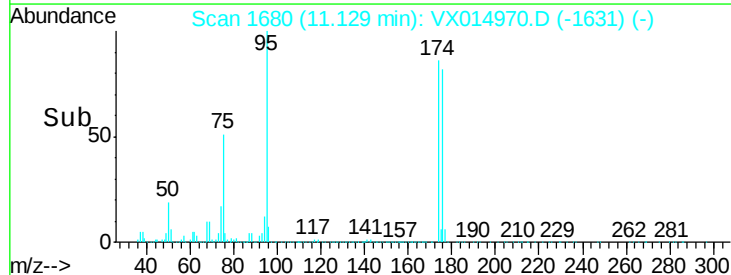
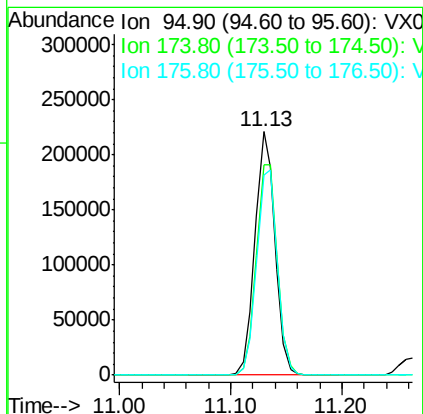
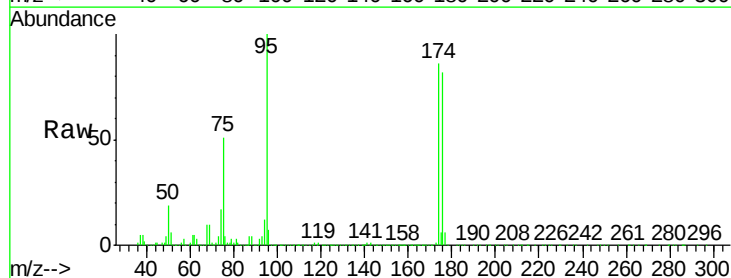
Tgt Ion: 95 Resp: 277198

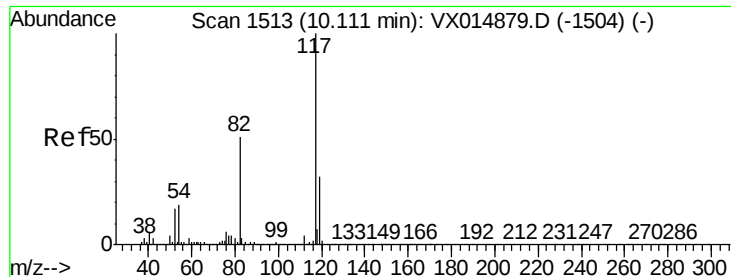
Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

176 87.7 0.0 178.0





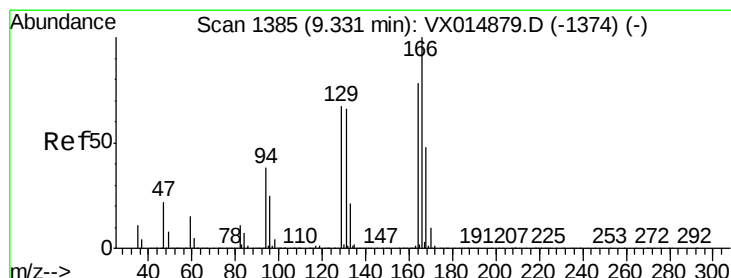
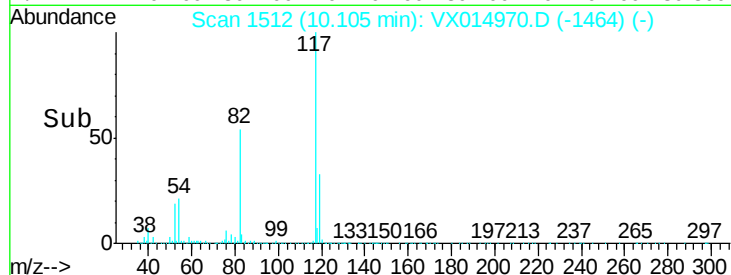
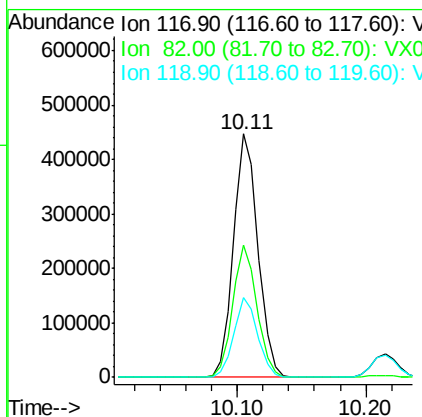
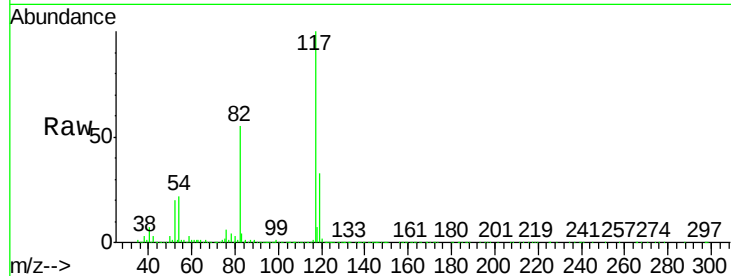
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	40.5	60.7
119	32.9	25.8	38.6

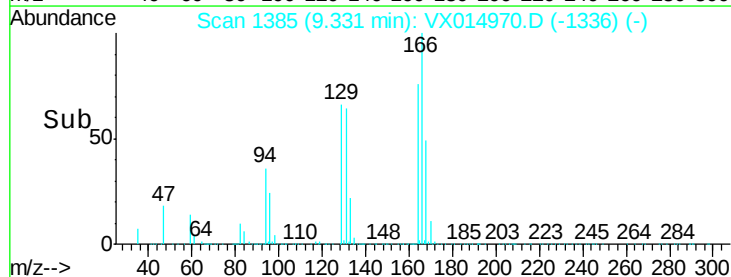
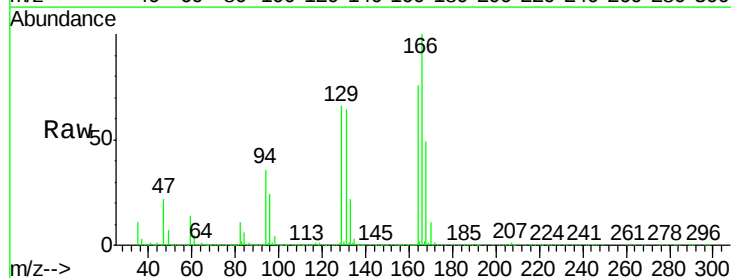
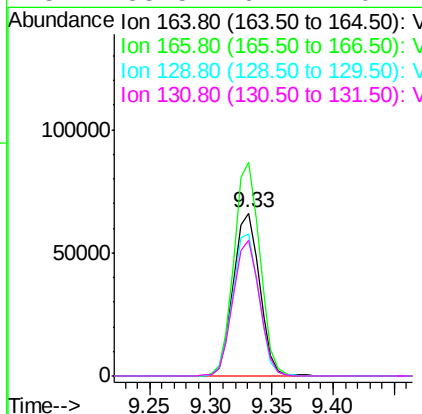
Manual Integrations
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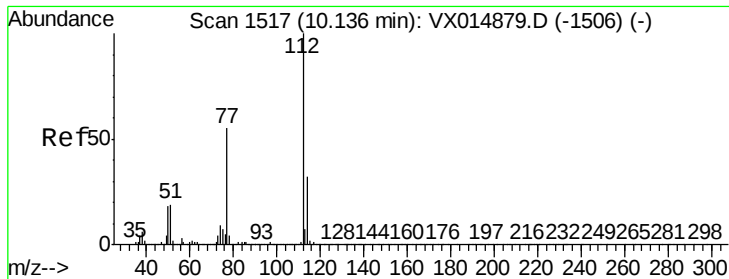
MMDadoda
2/21/2020 9:15:23 AM



#64
Tetrachloroethene
Concen: 17.635 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	131.1	102.6	153.8
129	87.0	68.3	102.5
131	83.5	67.4	101.2





#65

Chlorobenzene

Concen: 19.473 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion:112 Resp: 234339

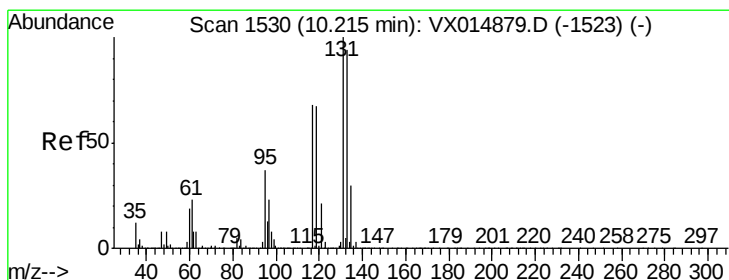
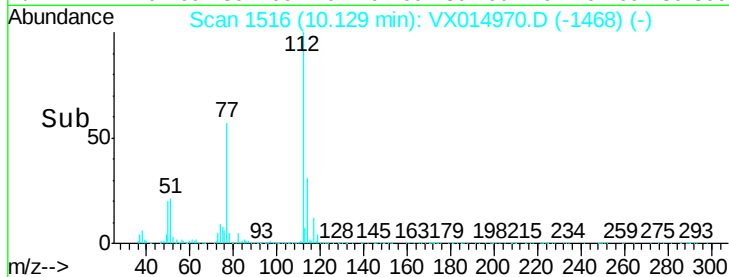
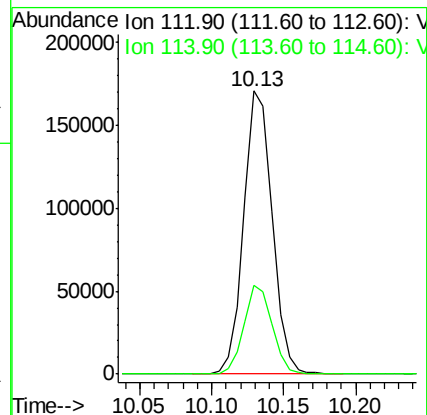
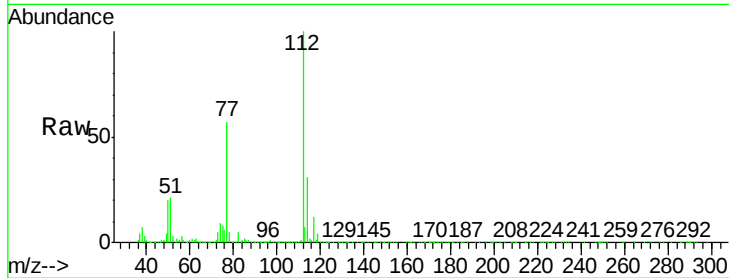
Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:23 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.878 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

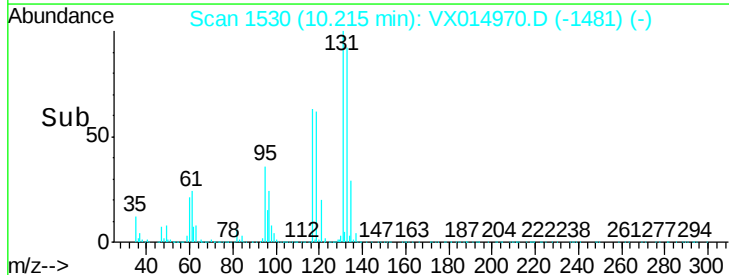
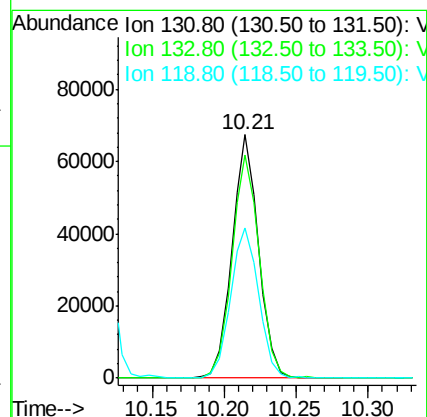
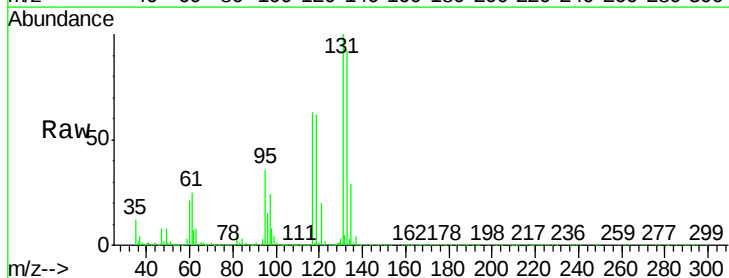
Tgt Ion:131 Resp: 86842

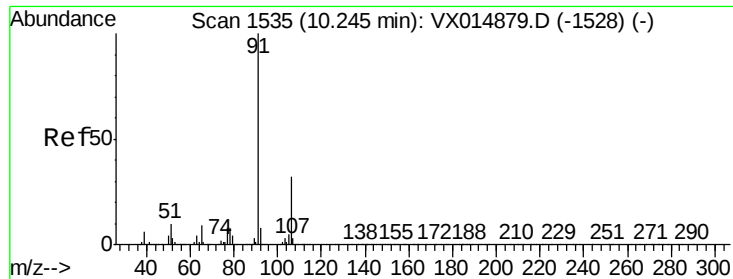
Ion Ratio Lower Upper

131 100

133 94.3 48.1 144.4

119 65.1 33.0 99.0





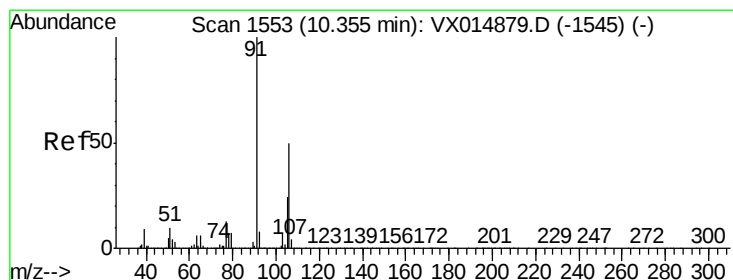
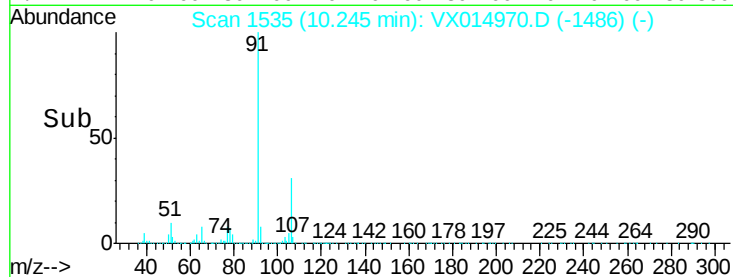
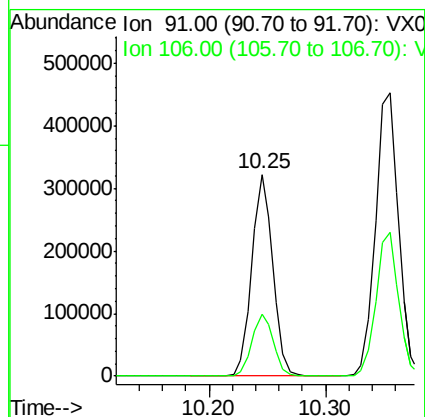
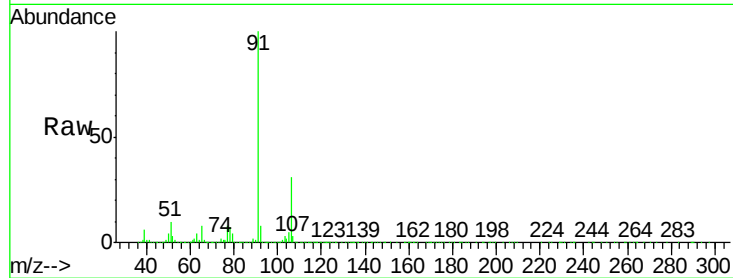
#67
Ethyl Benzene
Concen: 19.887 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampled :
VX0220WBS01

Tot Ion: 91 Resp: 406999
Ion Ratio Lower Upper
91 100
106 31.0 25.3 37.9

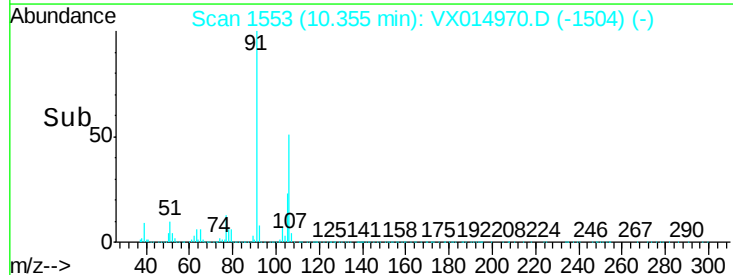
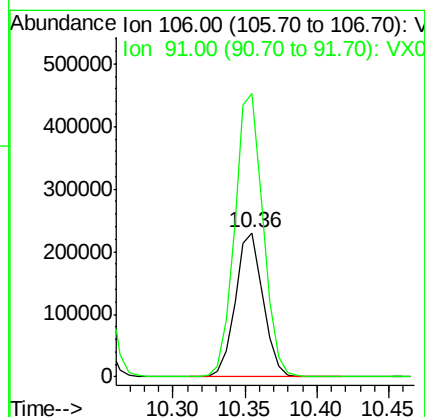
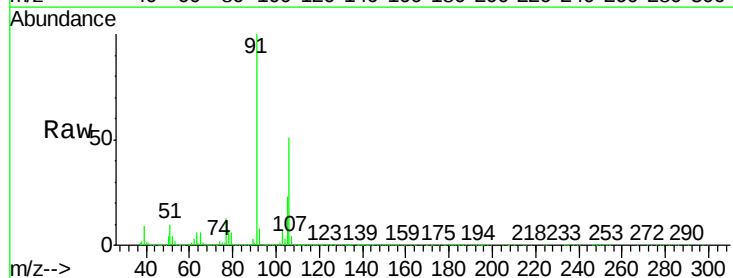
Manual Integrations
APPROVED

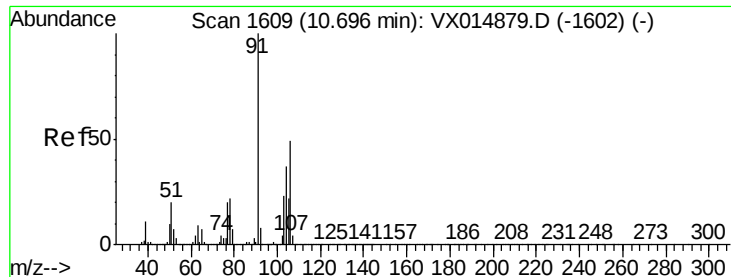
MMDadoda
2/21/2020 9:15:23 AM



#68
m/p-Xylenes
Concen: 39.254 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion: 106 Resp: 309485
Ion Ratio Lower Upper
106 100
91 200.7 160.6 240.8





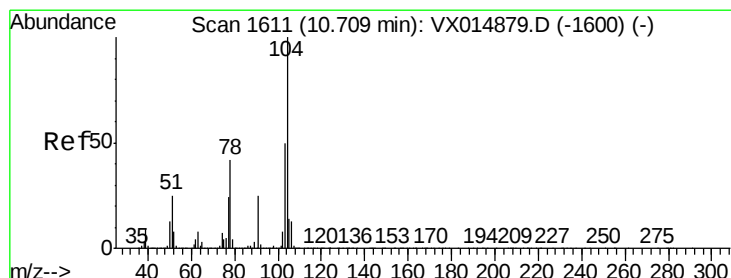
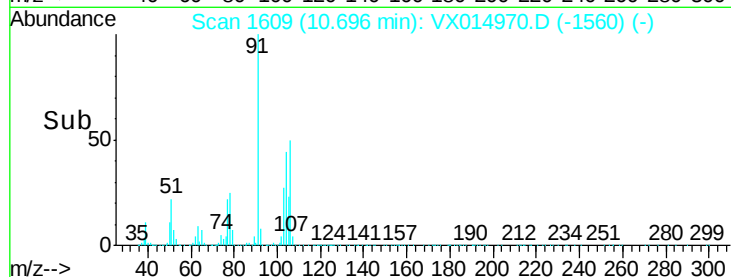
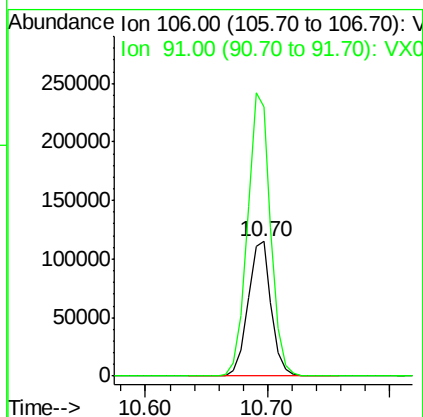
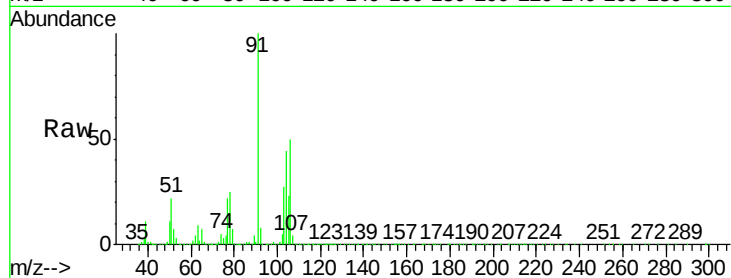
#69
o-Xylene
Concen: 19.869 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	150586		
91	209.1	105.1	315.3	

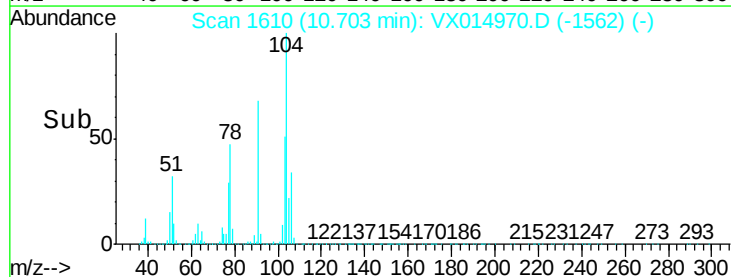
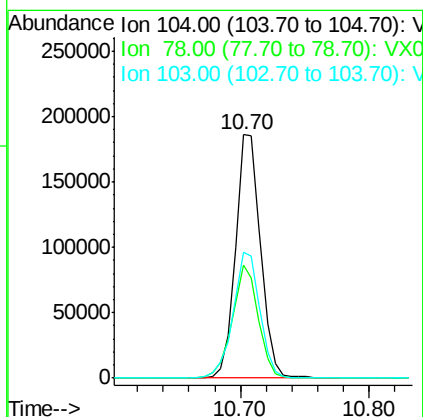
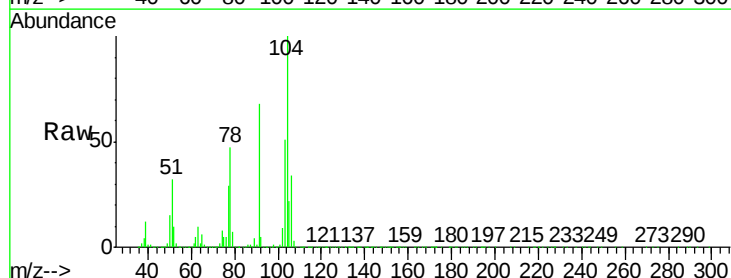
Manual Integrations
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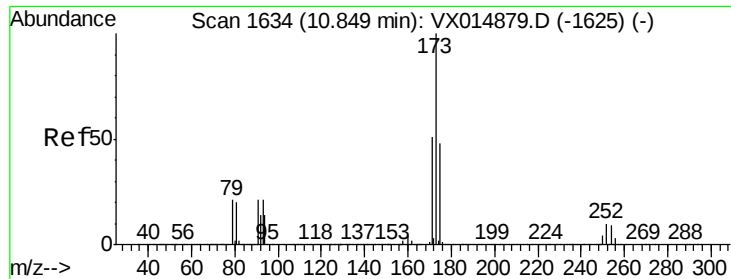
MMDadoda
2/21/2020 9:15:23 AM



#70
Styrene
Concen: 19.598 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	251268		
78	48.9	39.0	58.4	
103	55.2	43.4	65.0	





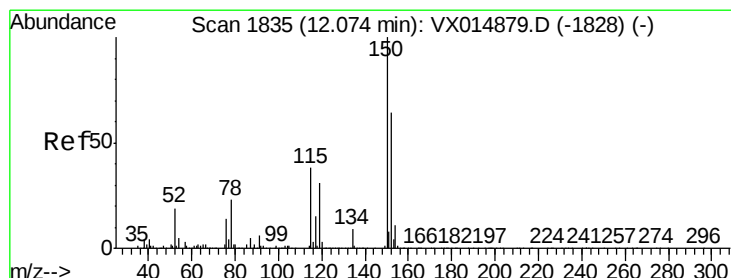
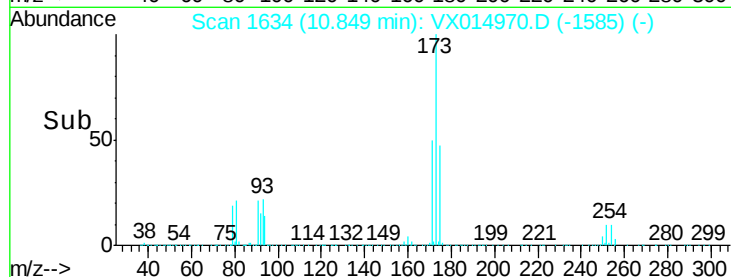
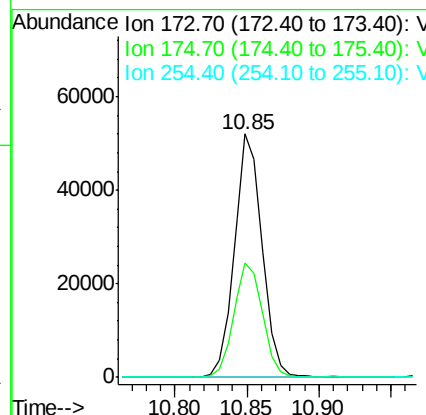
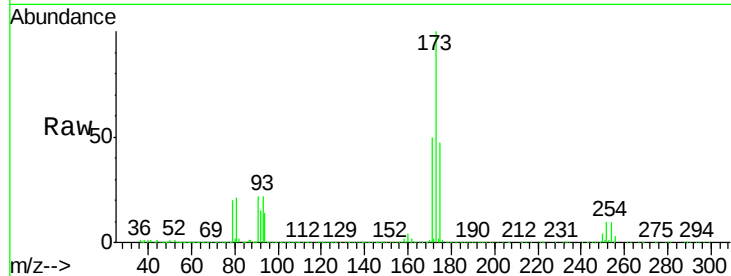
#71
Bromoform
Concen: 19.157 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.0	0.2	0.2

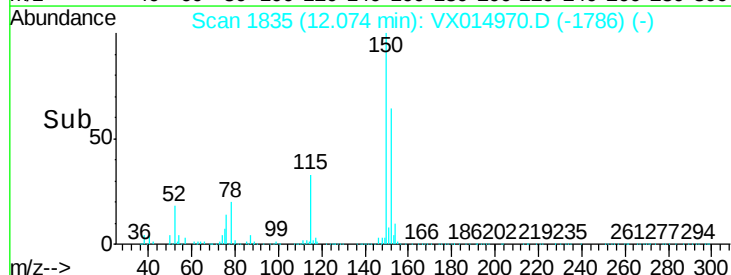
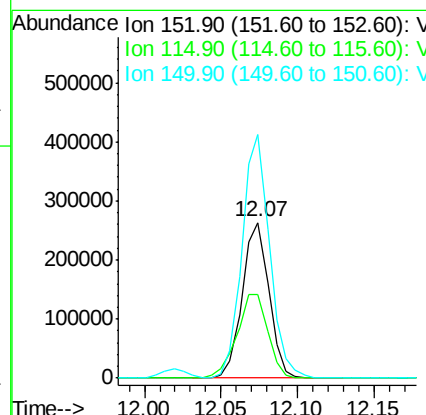
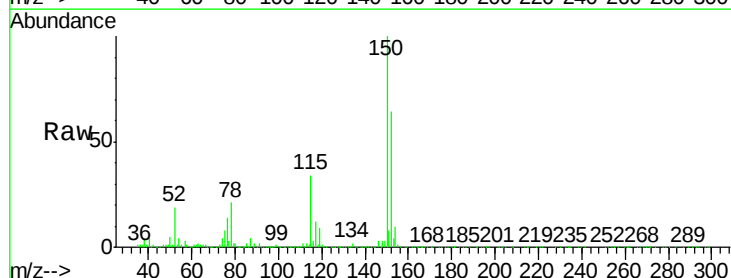
Manual Integrations
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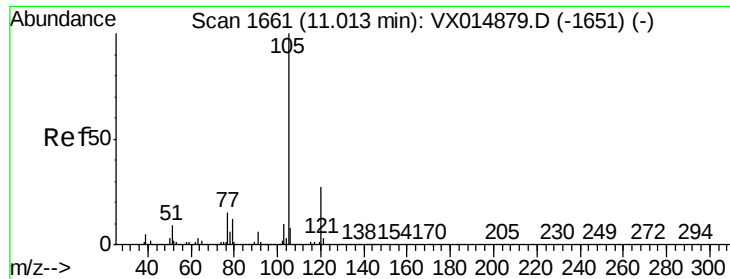
MMDadoda
2/21/2020 9:15:23 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	38.6	116.0
150	161.7	0.0	349.0





#73

Isopropylbenzene

Concen: 20.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion:105 Resp: 406714

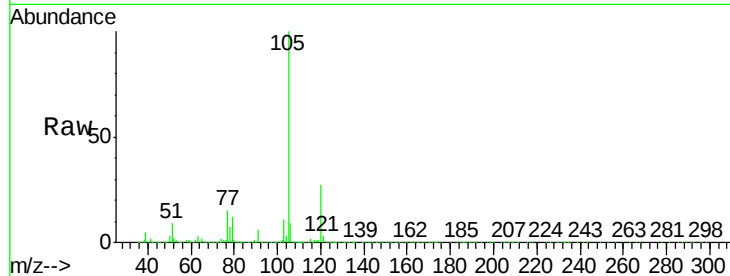
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8

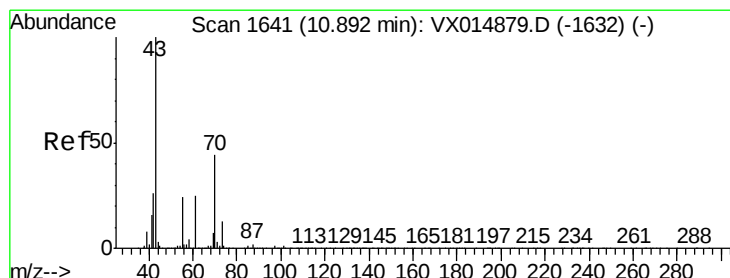
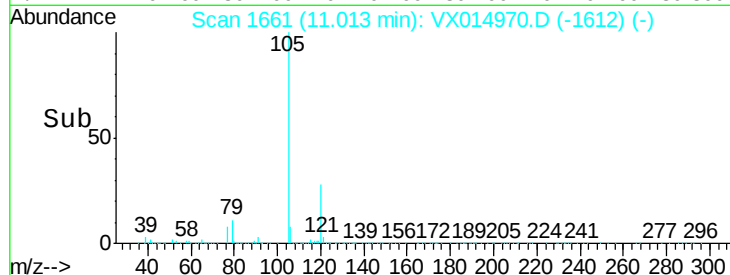
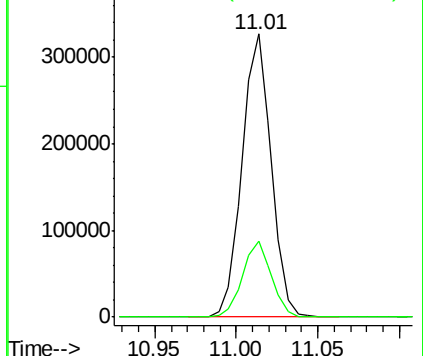
Manual Integrations
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MMDadoda
2/21/2020 9:15:23 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.805 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion: 43 Resp: 163835

Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 24.4 19.4 29.2

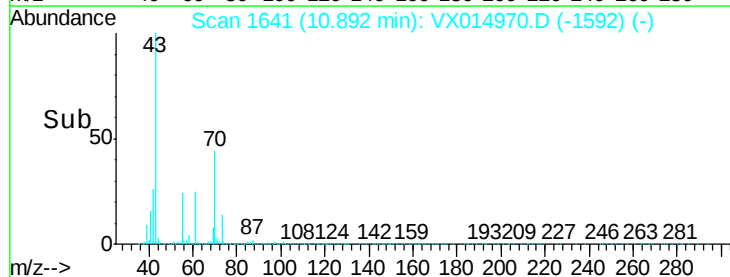
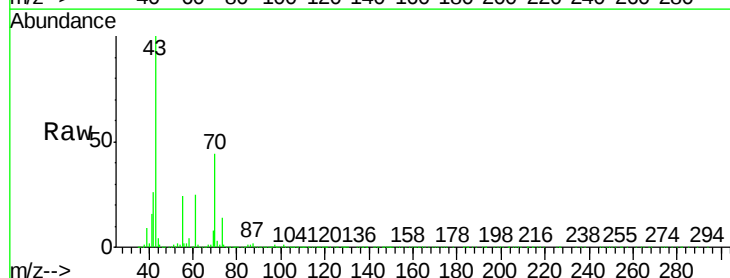
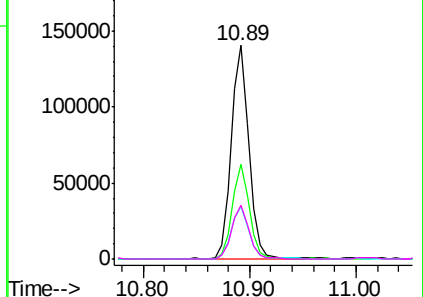
61 25.3 19.8 29.6

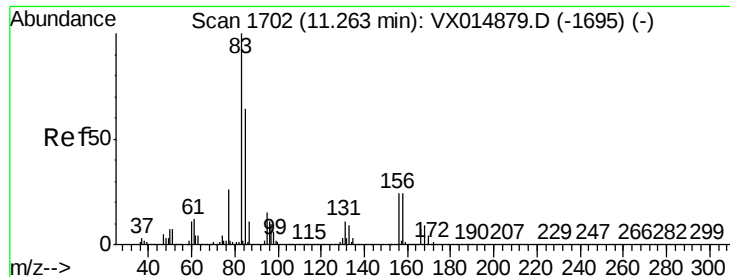
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.909 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

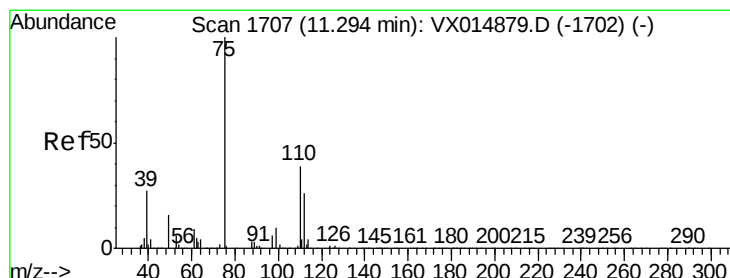
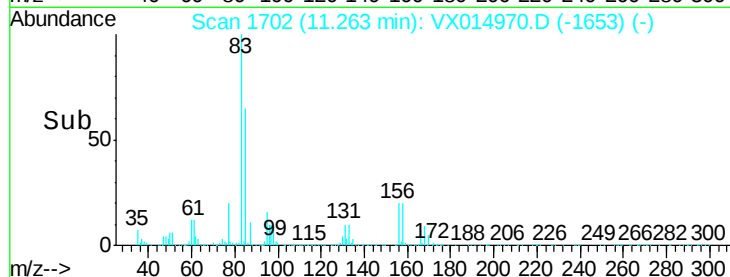
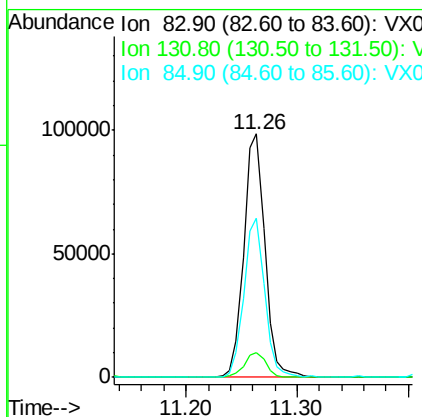
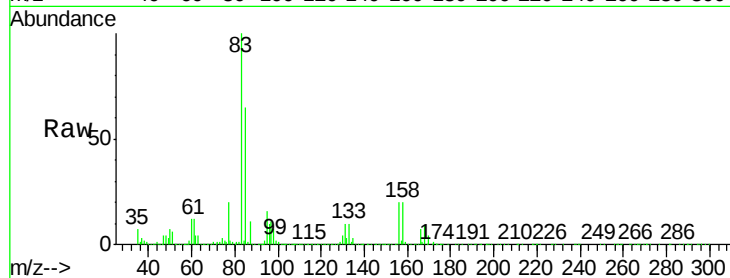
ClientSampleId :

VX0220WBS01

Tot Ion:	83	Resp:	129571
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.1	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.462 ug/l m

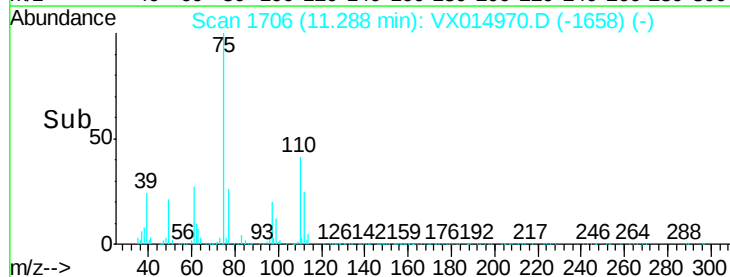
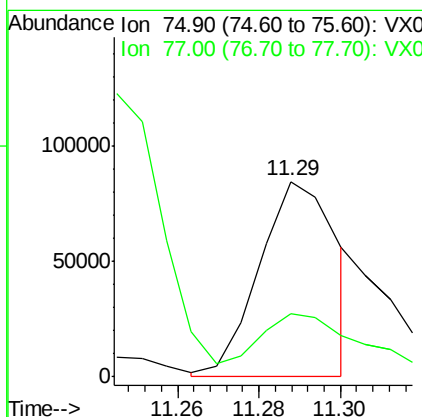
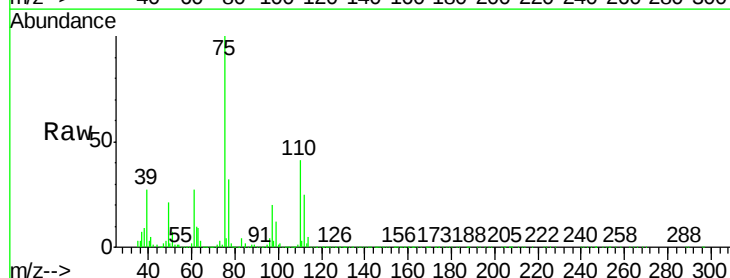
RT: 11.29 min Scan# 1706

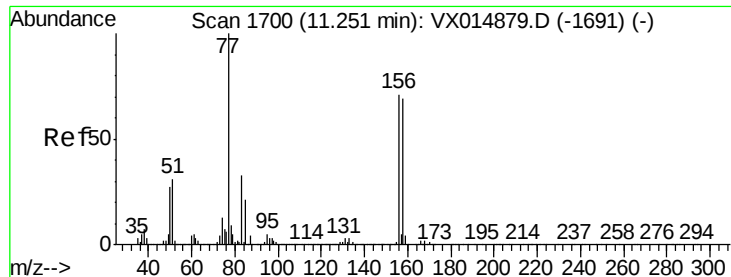
Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	75	Resp:	111733
Ion Ratio	Lower	Upper	
75	100		
77	43.4	18.4	55.0





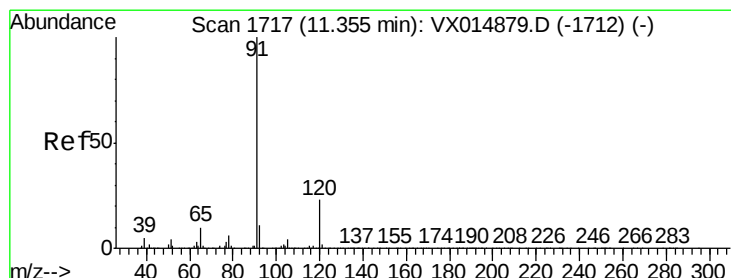
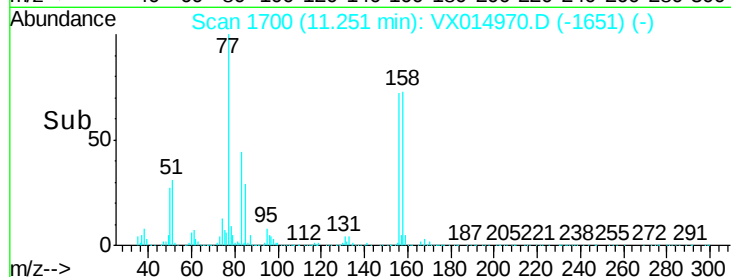
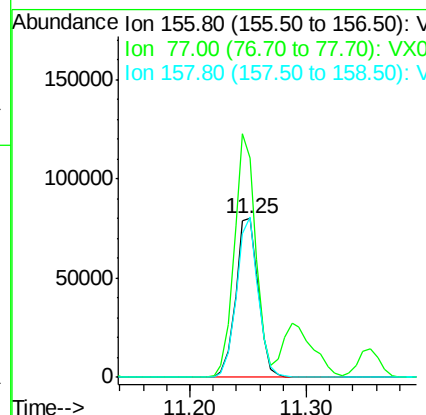
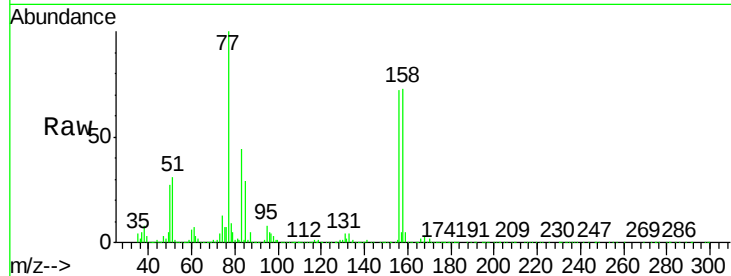
#77
Bromobenzene
Concen: 19.405 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.7	74.0	222.0
158	96.8	48.9	146.6

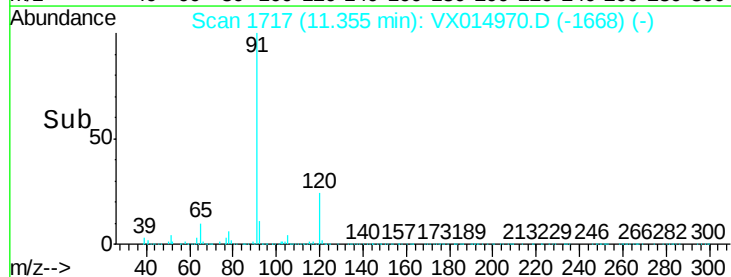
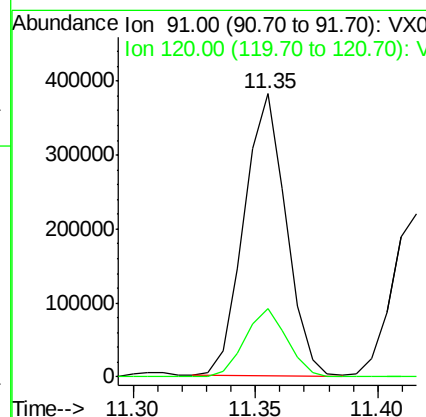
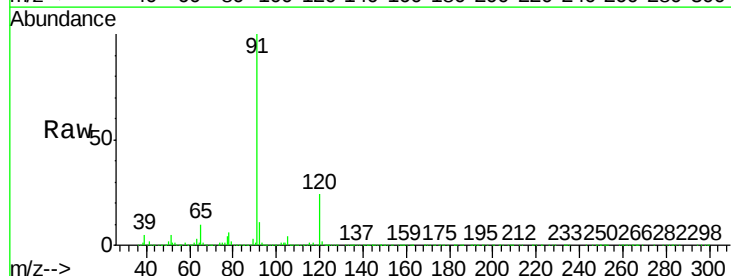
Manual Integrations
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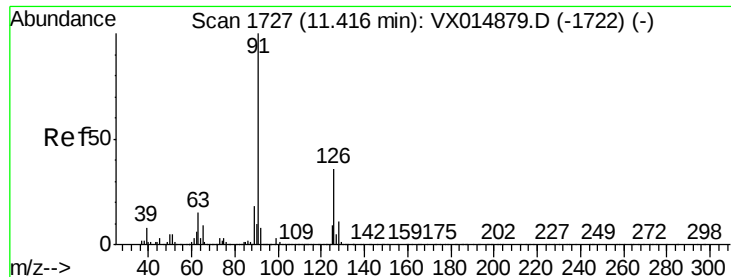
MMDadoda
2/21/2020 9:15:23 AM



#78
n-propylbenzene
Concen: 19.756 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.880 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampled :

VX0220WBS01

Tot Ion: 91 Resp: 269124

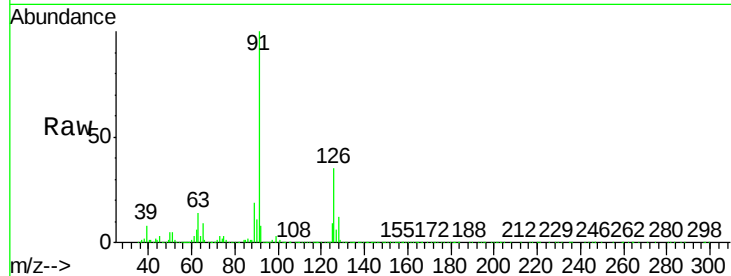
Ion Ratio Lower Upper

91 100

126 35.0 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014879.D (-1722) (-)

400000

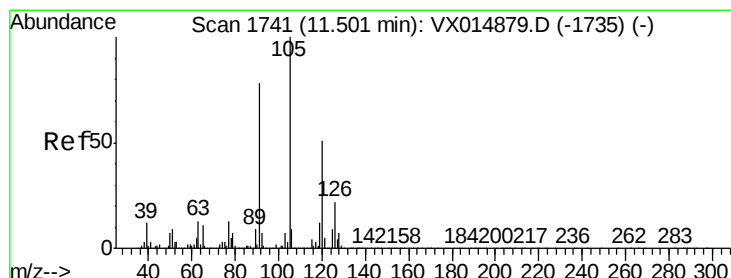
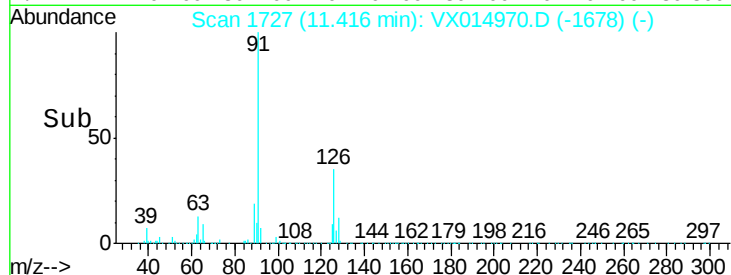
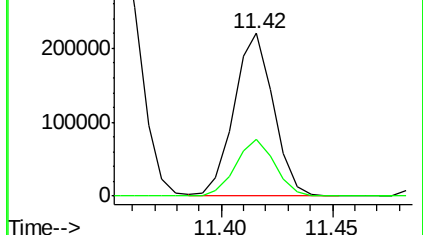
300000

200000

100000

0

11.40 11.42 11.45



#80

1,3,5-Trimethylbenzene

Concen: 20.285 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014970.D

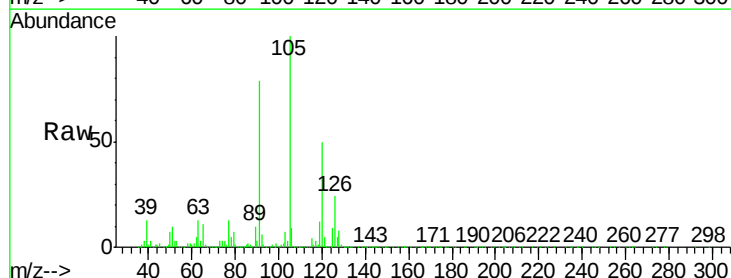
Acq: 20 Feb 2020 11:11

Tgt Ion: 105 Resp: 337441

Ion Ratio Lower Upper

105 100

120 50.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014879.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014879.D (-1735) (-)

300000

250000

200000

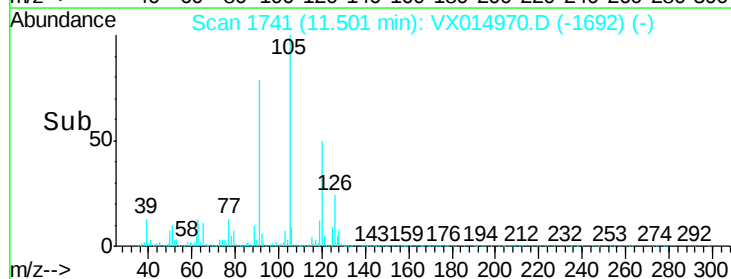
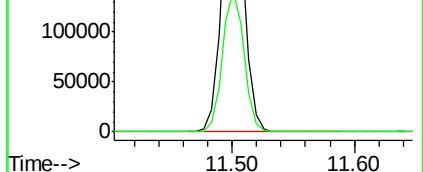
150000

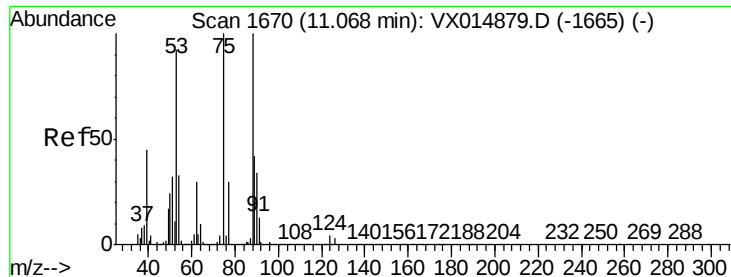
100000

50000

0

11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 18.022 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

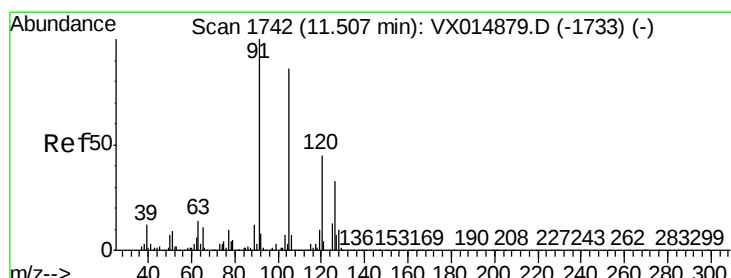
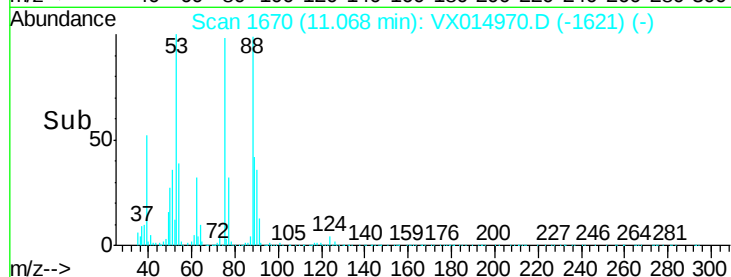
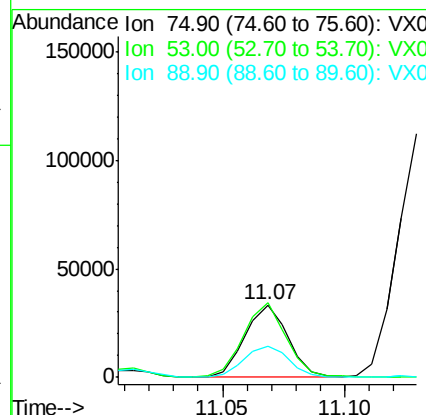
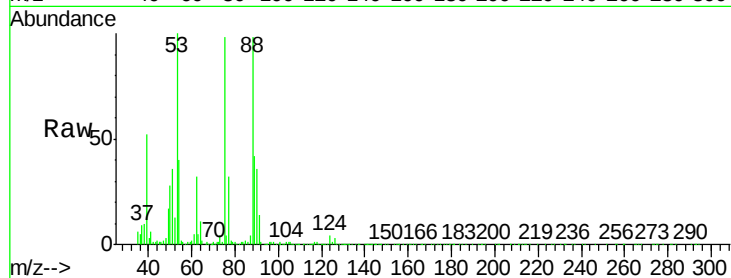
ClientSampleId :

VX0220WBS01

Tot Ion:	75	Resp:	40420
Ion Ratio	Lower	Upper	
75	100		
53	102.1	76.2	114.2
89	44.8	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.364 ug/l

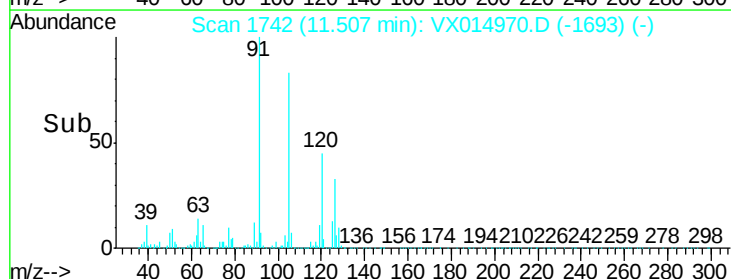
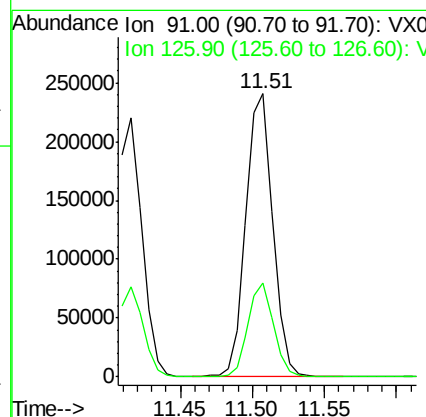
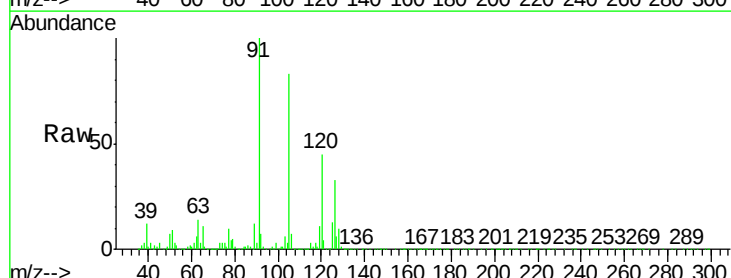
RT: 11.51 min Scan# 1742

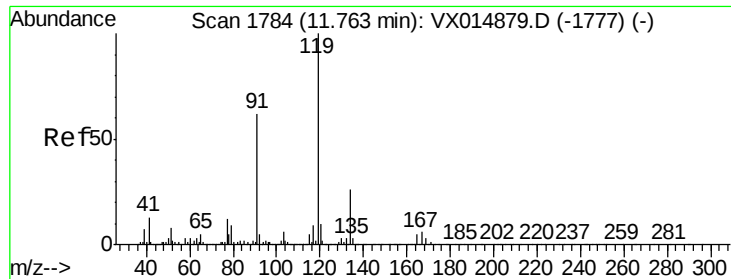
Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Tgt Ion:	91	Resp:	310435
Ion Ratio	Lower	Upper	
91	100		
126	31.3	15.7	47.0





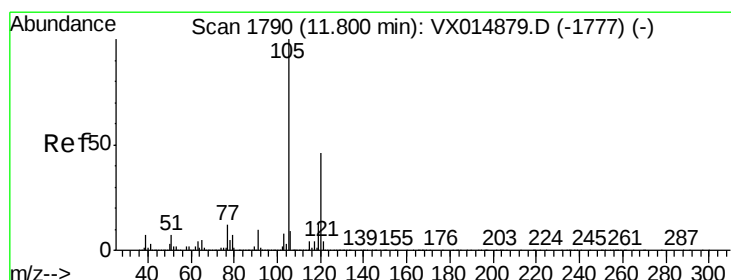
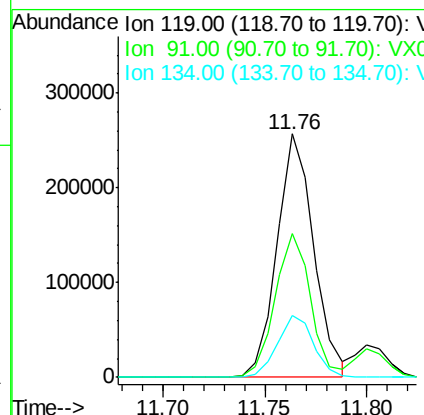
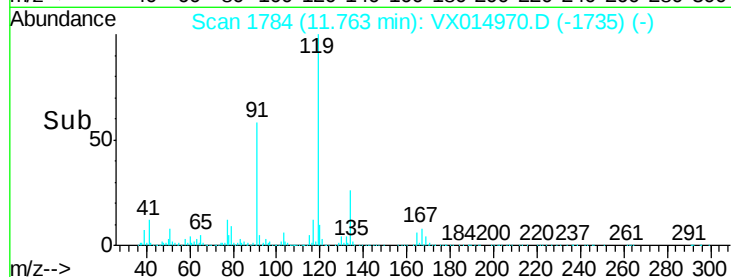
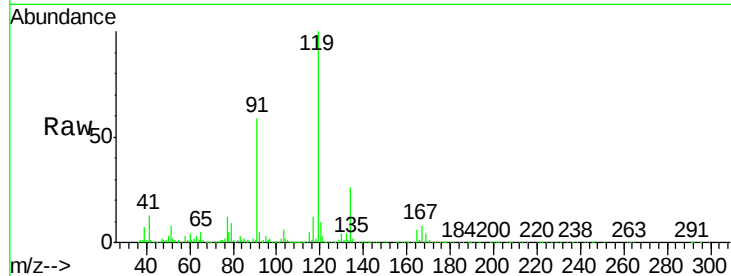
#83
tert-Butylbenzene
Concen: 20.485 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	322692		
91	56.7	29.5	88.6	
134	24.9	12.6	37.6	

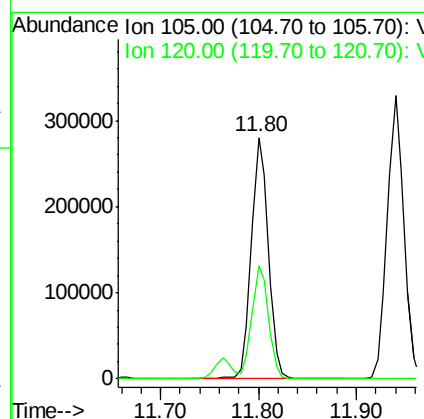
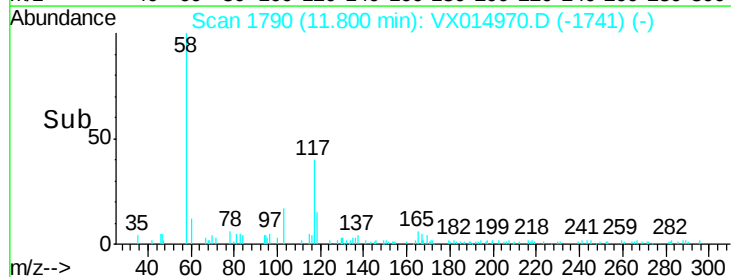
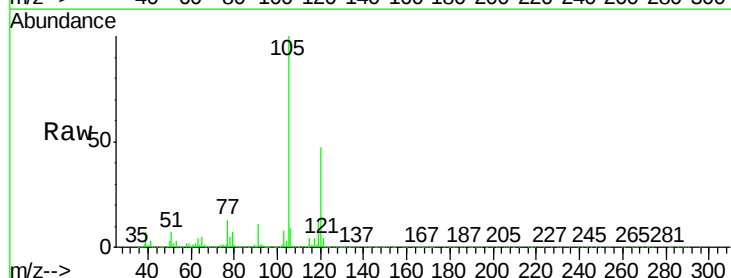
Manual Integrations
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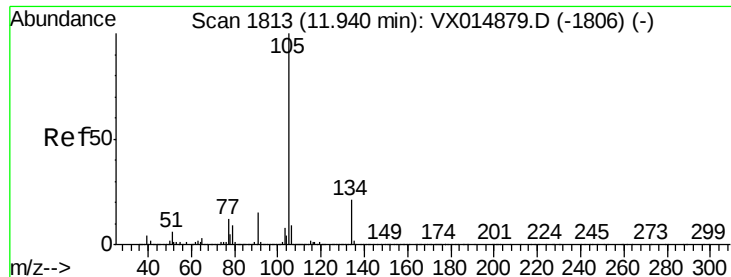
MMDadoda
2/21/2020 9:15:23 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.212 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	338850		
120	45.8	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.919 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tot Ion:105 Resp: 389795

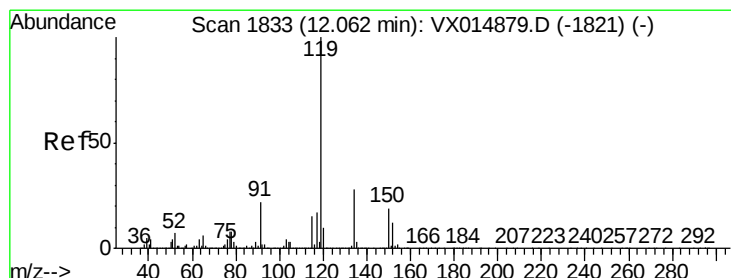
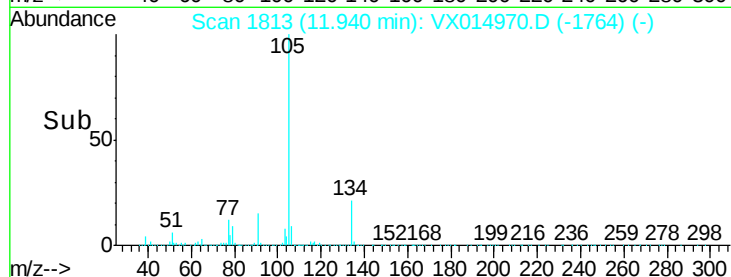
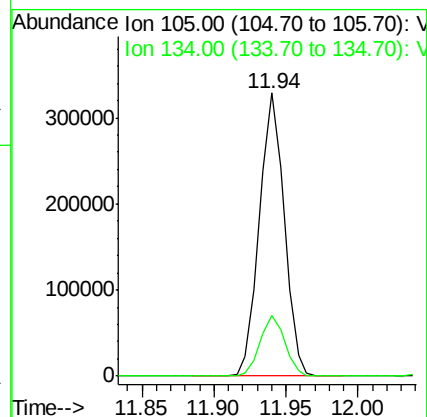
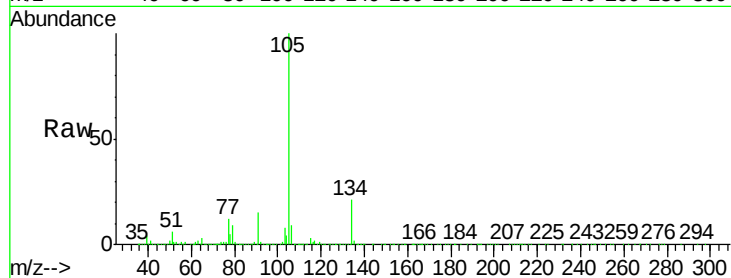
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.955 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014970.D

Acq: 20 Feb 2020 11:11

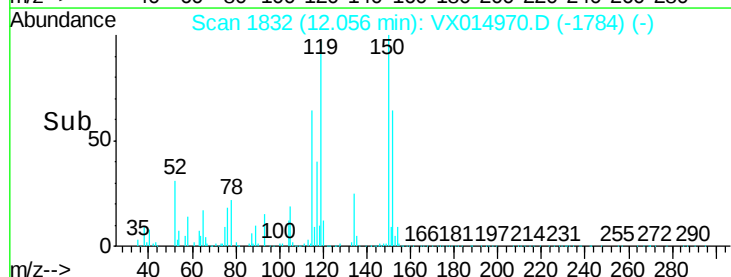
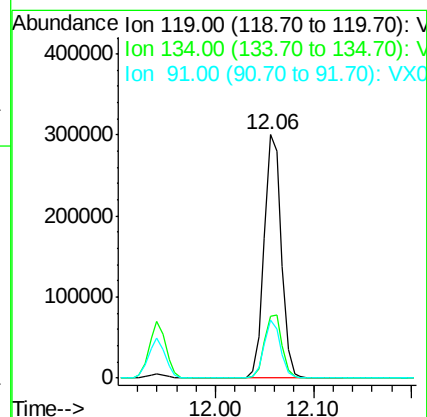
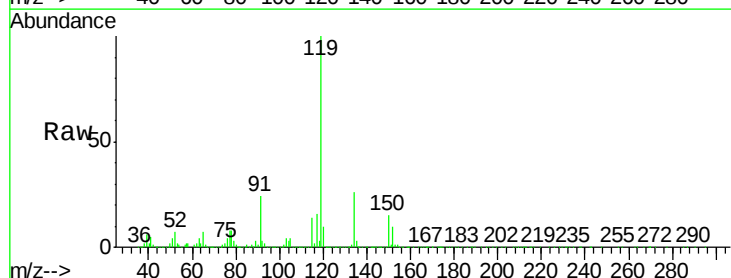
Tgt Ion:119 Resp: 365430

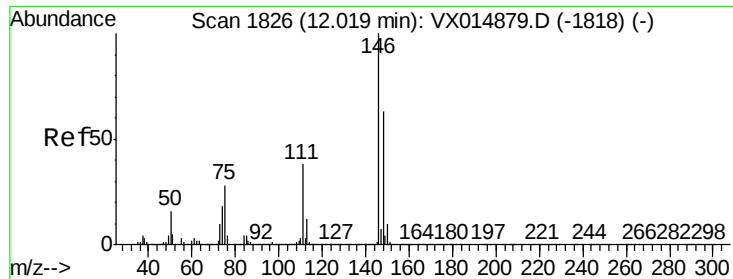
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.7 11.4 34.1





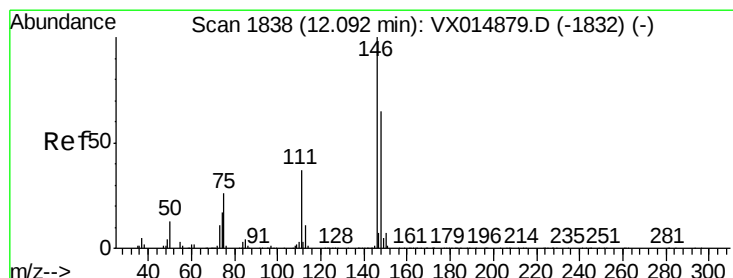
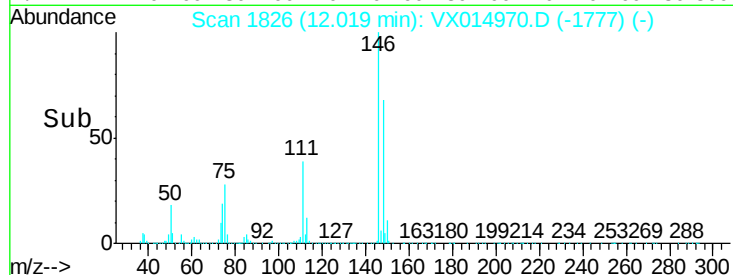
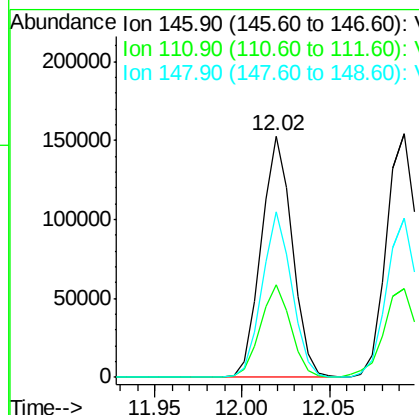
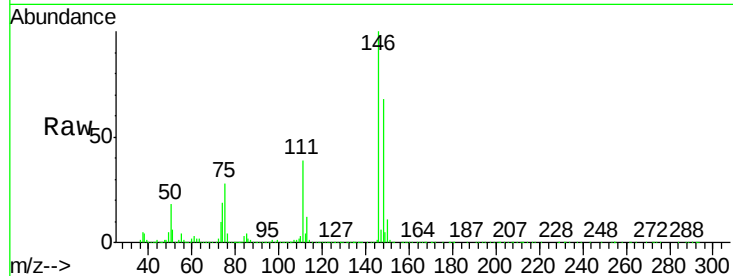
#87
 1,3-Dichlorobenzene
 Concen: 18.923 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	56.0
148	65.7	31.8	95.4

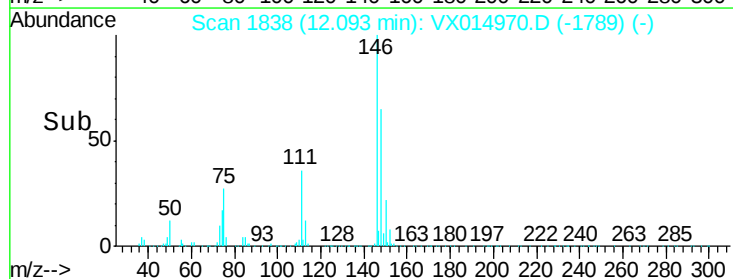
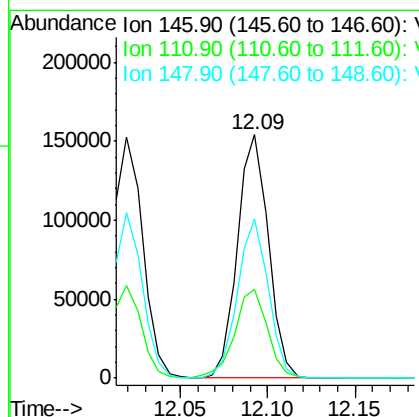
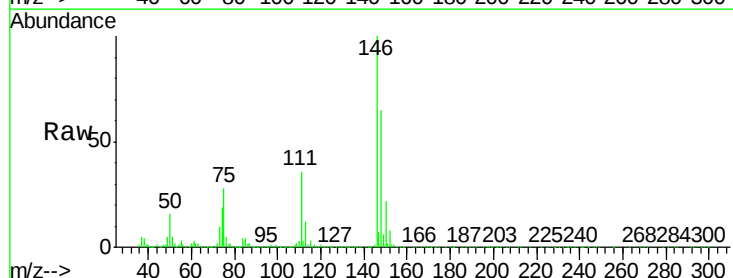
Manual Integrations
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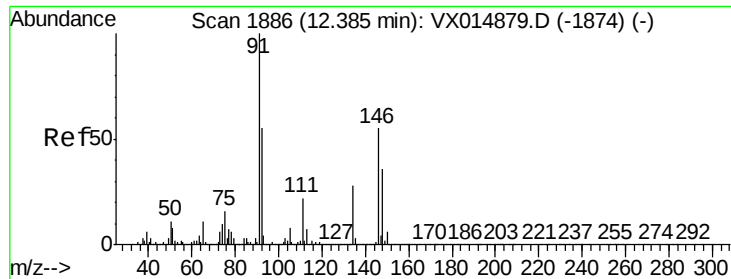
MMDadoda
 2/21/2020 9:15:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.620 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.6
148	64.8	32.4	97.0





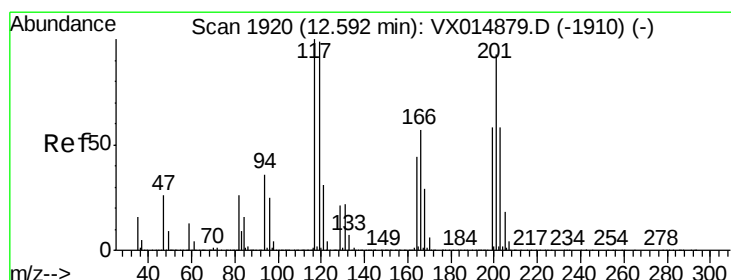
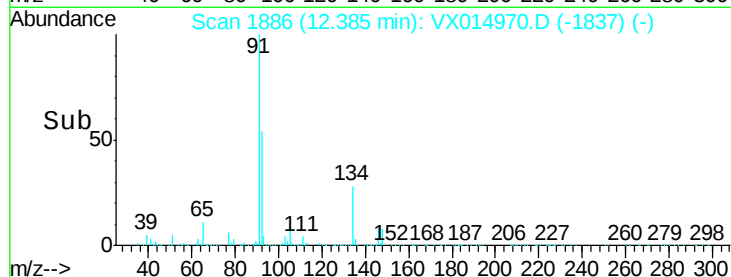
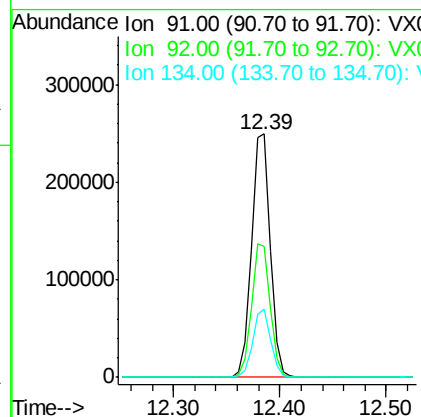
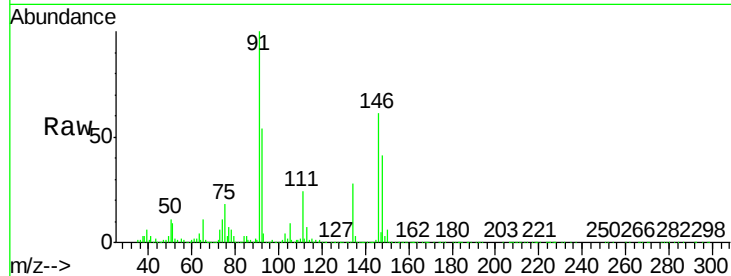
#89
n-Butylbenzene
Concen: 18.762 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.8
134	27.2	13.8	41.4

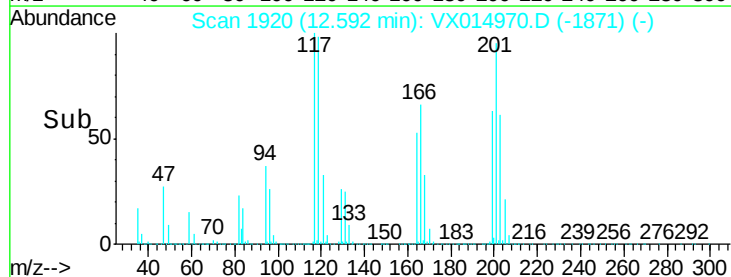
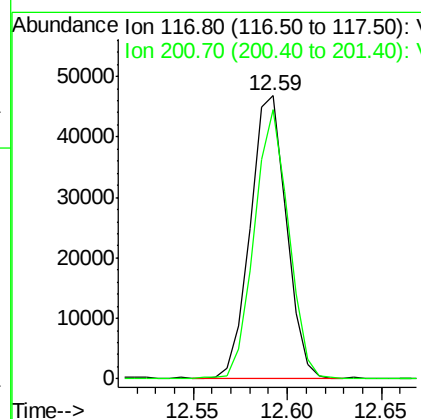
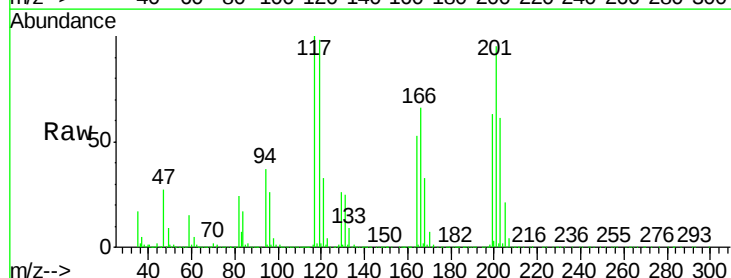
Manual Integrations
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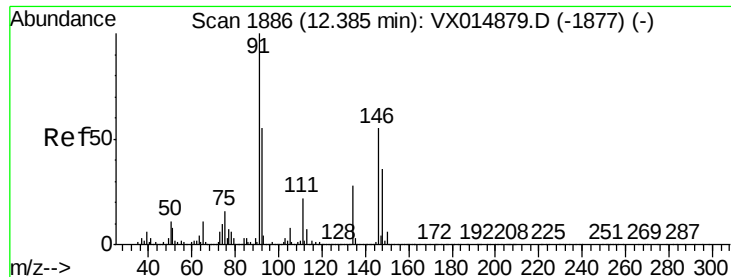
MMDadoda
2/21/2020 9:15:23 AM



#90
Hexachloroethane
Concen: 19.384 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.9	44.8	134.3





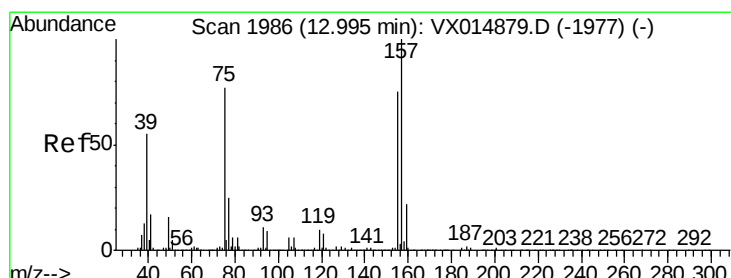
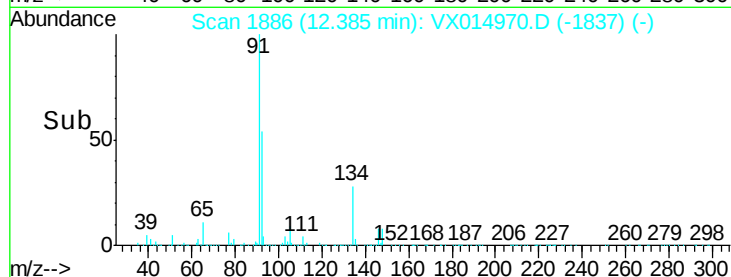
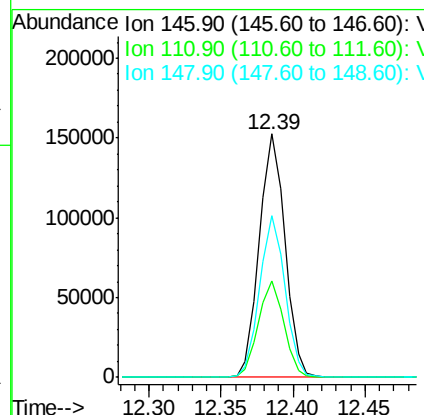
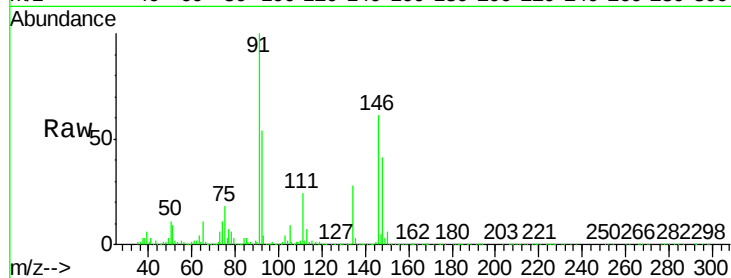
#91
 1,2-Dichlorobenzene
 Concen: 19.151 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	65.5	32.4	97.2

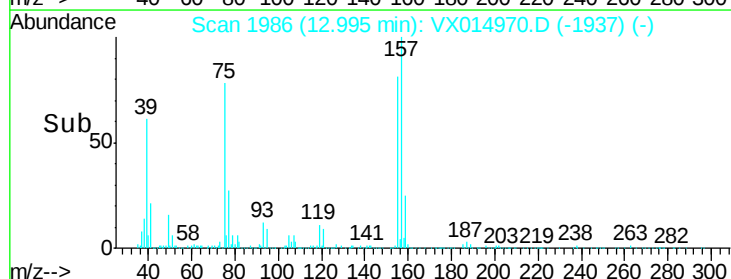
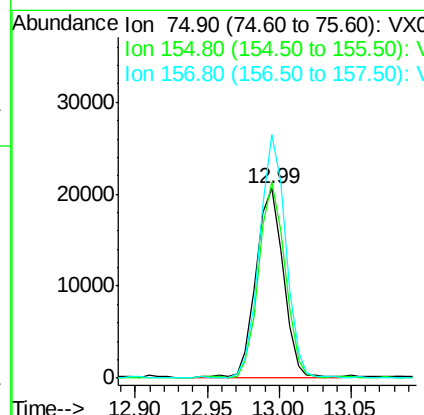
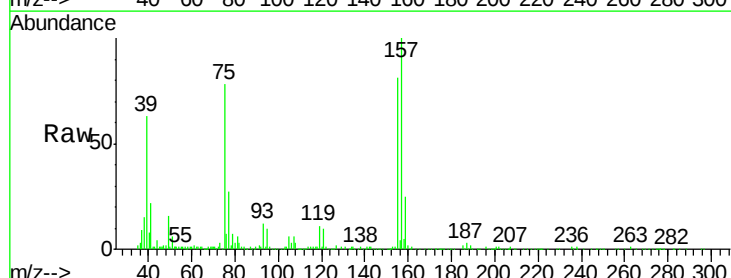
Manual Integrations
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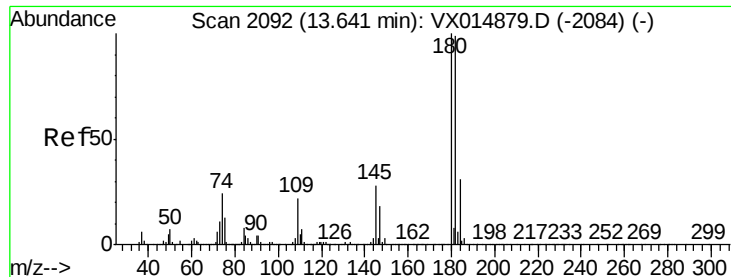
MMDadoda
 2/21/2020 9:15:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.538 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	48.6	145.9
157	124.2	62.0	186.0





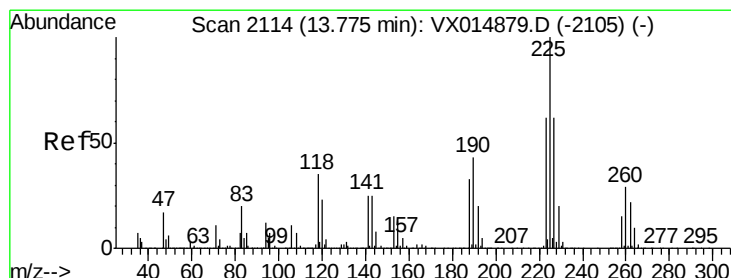
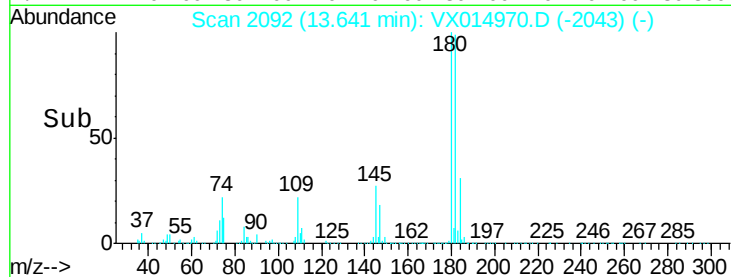
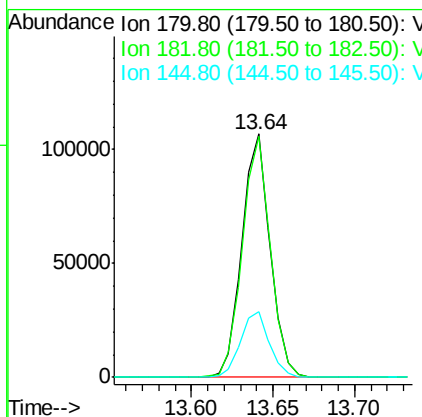
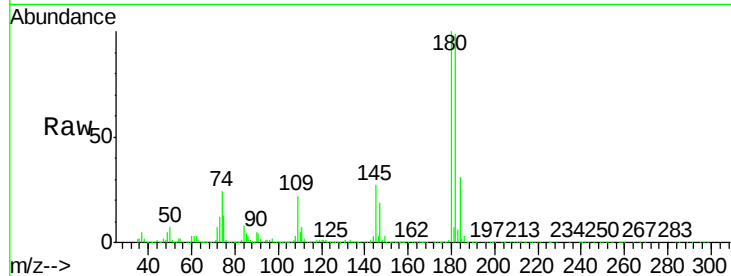
#93
 1,2,4-Trichlorobenzene
 Concen: 17.822 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0220WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128598		
182	98.7	48.4	145.3	
145	27.7	14.1	42.4	

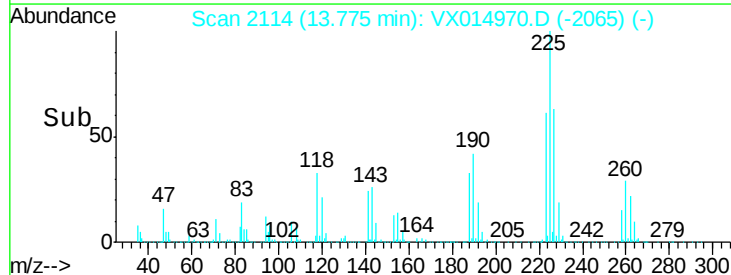
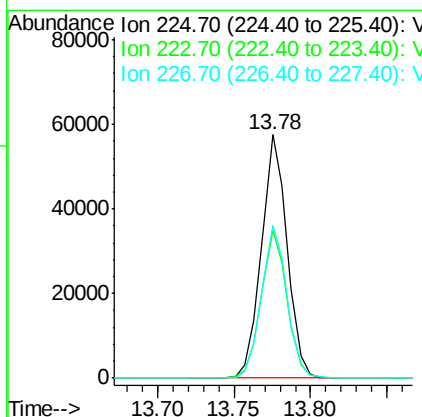
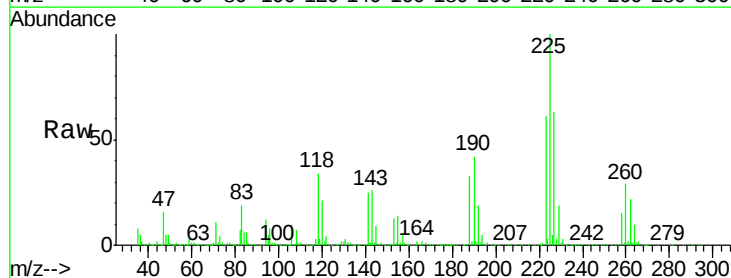
Manual Integrations
 APPROVED

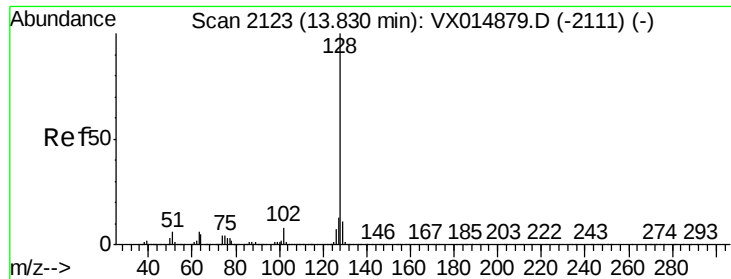
MMDadoda
 2/21/2020 9:15:23 AM



#94
 Hexachlorobutadiene
 Concen: 19.444 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014970.D
 Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67863		
223	60.8	31.1	93.2	
227	62.5	30.9	92.5	





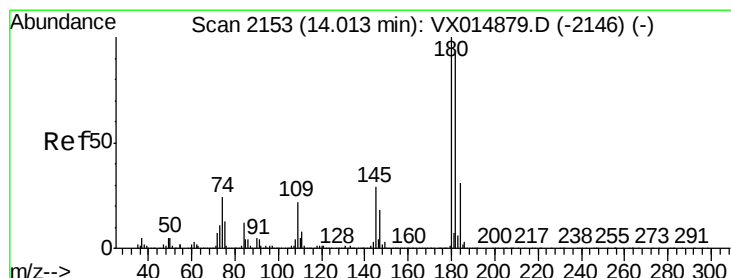
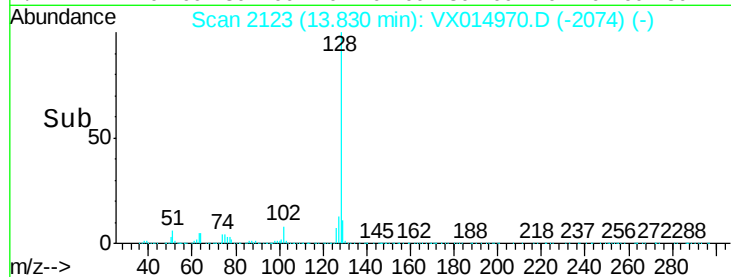
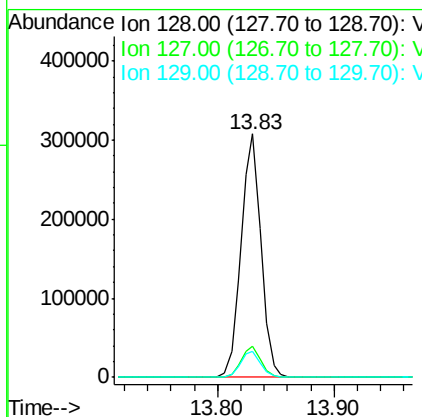
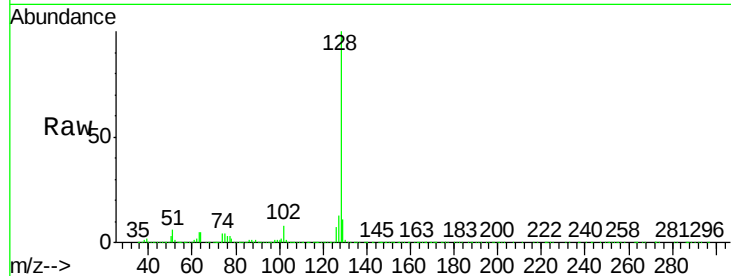
#95
Naphthalene
Concen: 19.198 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/21/2020 9:15:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.060 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014970.D
Acq: 20 Feb 2020 11:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	47.5	142.6
145	29.6	14.5	43.5

