

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014886.D
 Acq On : 10 Feb 2020 14:31
 Operator : JC/SP
 Sample : VX0210MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:45 AM

Quant Time: Feb 11 07:05:09 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	452342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	248735	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.48	113	200854	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	781212	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	86858	20.276	ug/l	100
3) Chloromethane	1.32	50	95303	19.623	ug/l	99
4) Vinyl Chloride	1.40	62	97118	18.563	ug/l	99
5) Bromomethane	1.64	94	63976	18.891	ug/l	100
6) Chloroethane	1.72	64	62324	18.617	ug/l	97
7) Trichlorofluoromethane	1.93	101	138236	18.911	ug/l	99
8) Diethyl Ether	2.18	74	58345	19.248	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81911	19.305	ug/l	98
10) Methyl Iodide	2.50	142	76426	19.114	ug/l	99
11) Tert butyl alcohol	3.01	59	92494	102.616	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78275	18.879	ug/l	98
13) Acrolein	2.28	56	62951	91.634	ug/l	98
14) Allyl chloride	2.72	41	133738	18.193	ug/l	99
15) Acrylonitrile	3.13	53	222564	97.401	ug/l	99
16) Acetone	2.43	43	240602	80.321	ug/l	99
17) Carbon Disulfide	2.56	76	216471	18.686	ug/l	99
18) Methyl Acetate	2.76	43	98519	19.161	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	261171	19.355	ug/l	100
20) Methylene Chloride	2.85	84	88563	18.034	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	85922	18.781	ug/l	98
22) Diisopropyl ether	3.84	45	267554	19.057	ug/l	90
23) Vinyl Acetate	3.80	43	1113229	96.186	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151020	19.059	ug/l	98
25) 2-Butanone	4.65	43	328389	94.487	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124091	18.172	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	94921	18.561	ug/l	100
28) Bromochloromethane	5.00	49	63199	20.577	ug/l	98
29) Tetrahydrofuran	5.11	42	194772	98.584	ug/l	98
30) Chloroform	5.20	83	151731	19.300	ug/l	96
31) Cyclohexane	5.57	56	136559	18.922	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129727	18.864	ug/l	99
36) 1,1-Dichloropropene	5.79	75	112646	19.031	ug/l	99
37) Ethyl Acetate	4.81	43	122711	19.877	ug/l	99
38) Carbon Tetrachloride	5.78	117	110301	19.122	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141638	19.134	ug/l	95
40) Benzene	6.13	78	339164	19.178	ug/l	98
41) Methacrylonitrile	5.02	41	67928	20.425	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126426	19.779	ug/l	100
43) Isopropyl Acetate	6.43	43	202058	19.841	ug/l	99
44) Trichloroethene	7.20	130	99144	19.311	ug/l	95
45) 1,2-Dichloropropane	7.50	63	86747	19.233	ug/l	99
46) Dibromomethane	7.65	93	59792	19.394	ug/l	99
47) Bromodichloromethane	7.89	83	114847	18.788	ug/l	97
48) Methyl methacrylate	7.76	41	99688	19.890	ug/l	99
49) 1,4-Dioxane	7.73	88	41391	441.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	613955	99.842	ug/l	100
52) Toluene	8.78	92	214582	19.104	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	128314	19.153	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142345	19.234	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	86974	19.138	ug/l	98
56) Ethyl methacrylate	9.17	69	135518	19.840	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148501	19.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	339765	95.110	ug/l	99
59) 2-Hexanone	9.48	43	483468	100.026	ug/l	100
60) Dibromochloromethane	9.57	129	93753	19.170	ug/l	97
61) 1,2-Dibromoethane	9.67	107	94258	19.223	ug/l	100
64) Tetrachloroethene	9.33	164	119152	20.757	ug/l	95
65) Chlorobenzene	10.13	112	241388	19.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87853	19.433	ug/l	99
67) Ethyl Benzene	10.25	91	417307	19.704	ug/l	99
68) m/p-Xylenes	10.36	106	320408	39.273	ug/l	97
69) o-Xylene	10.70	106	150520	19.193	ug/l	98
70) Styrene	10.71	104	258029	19.448	ug/l	99
71) Bromoform	10.85	173	71890	19.051	ug/l #	98
73) Isopropylbenzene	11.01	105	406716	19.592	ug/l	100
74) N-amyl acetate	10.89	43	168831	19.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130145	19.178	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113927m	19.032	ug/l	
77) Bromobenzene	11.25	156	112488	19.414	ug/l	96
78) n-propylbenzene	11.35	91	464967	19.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	273388	19.368	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	339839	19.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42454	18.154	ug/l	94
82) 4-Chlorotoluene	11.50	91	323004	19.323	ug/l	100
83) tert-Butylbenzene	11.76	119	311627	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	346300	19.811	ug/l	100
85) sec-Butylbenzene	11.94	105	400666	19.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	368835	19.316	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197971	19.046	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	199011	18.748	ug/l	99
89) n-Butylbenzene	12.38	91	320039	18.714	ug/l	99
90) Hexachloroethane	12.59	117	61043	18.306	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194547	19.085	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29057	18.251	ug/l	99

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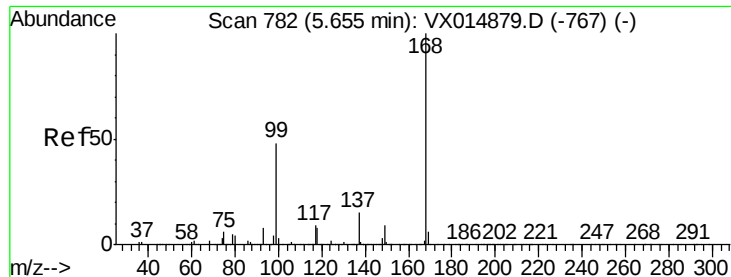
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141703	18.833	ug/l	99
94) Hexachlorobutadiene	13.78	225	71014	19.514	ug/l	99
95) Naphthalene	13.83	128	403332	20.161	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141923	19.524	ug/l	98

(#) = 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: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion:168 Resp: 452342

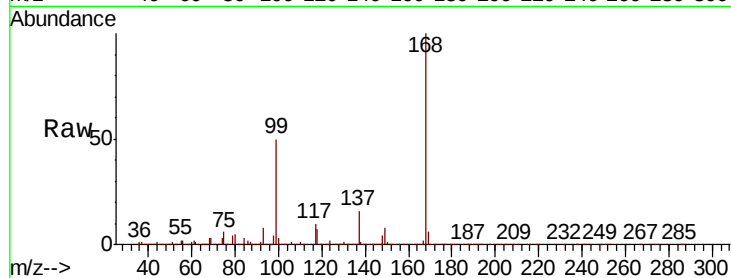
Ion Ratio Lower Upper

168 100

99 49.6 38.7 58.1

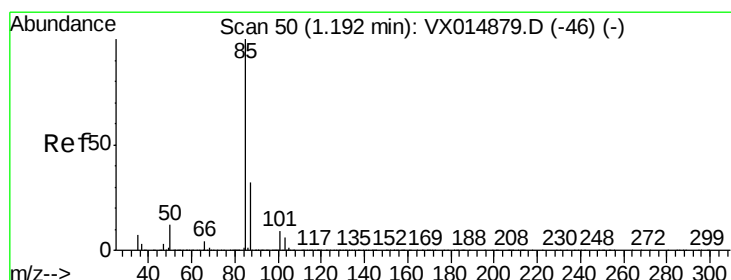
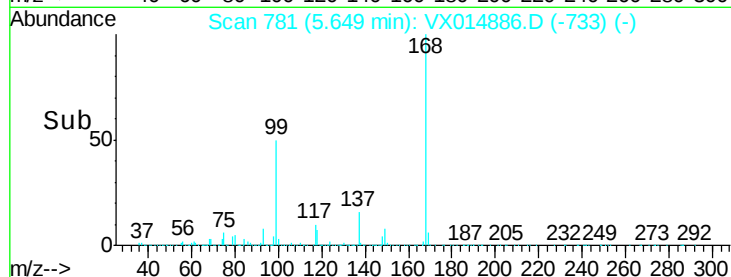
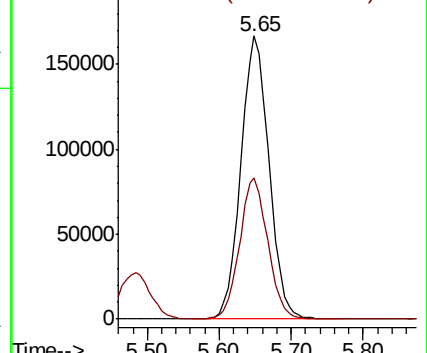
Manual Integrations
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2/11/2020 10:35:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.276 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014886.D

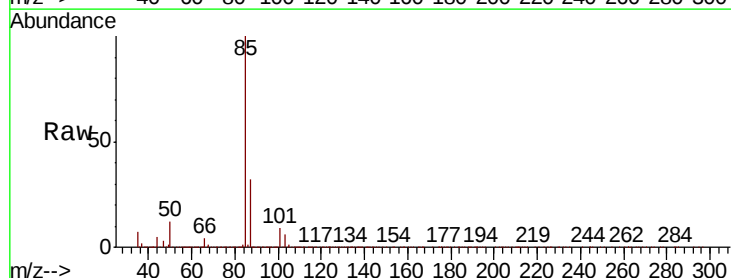
Acq: 10 Feb 2020 14:31

Tgt Ion: 85 Resp: 86858

Ion Ratio Lower Upper

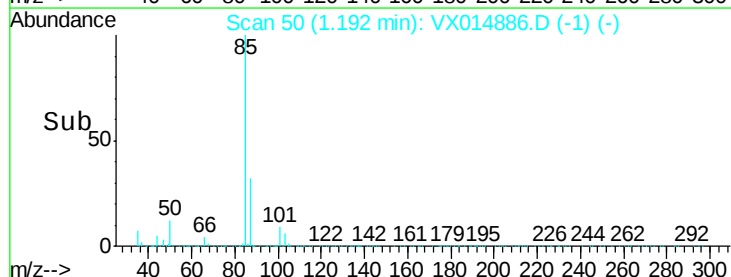
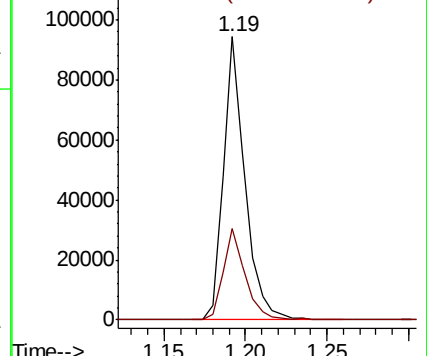
85 100

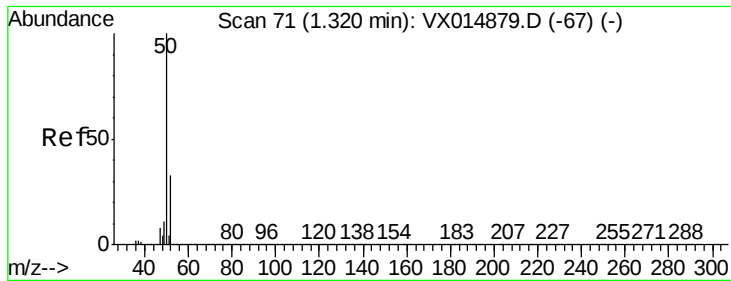
87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.623 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion: 50 Resp: 95303

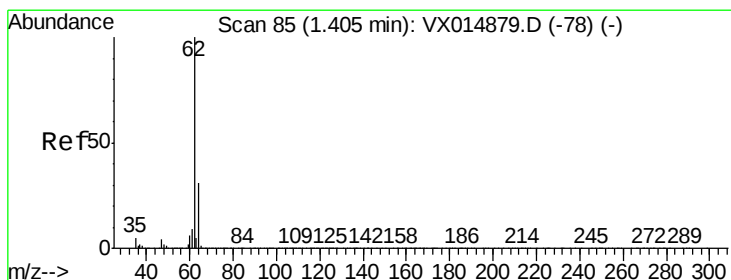
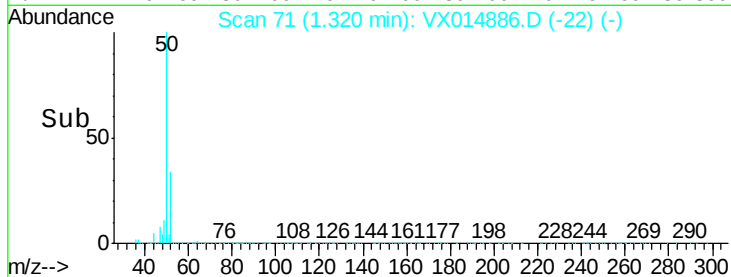
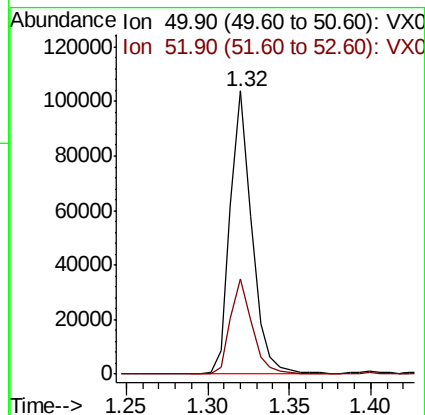
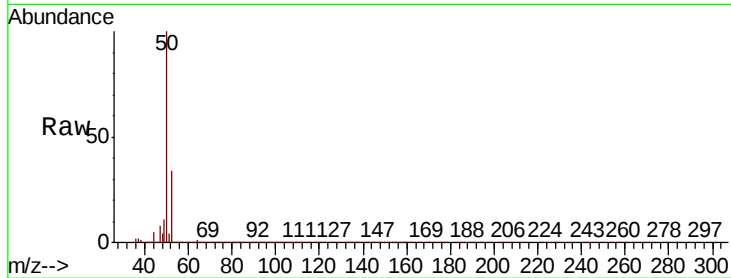
Ion Ratio Lower Upper

50 100

52 33.5 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.563 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014886.D

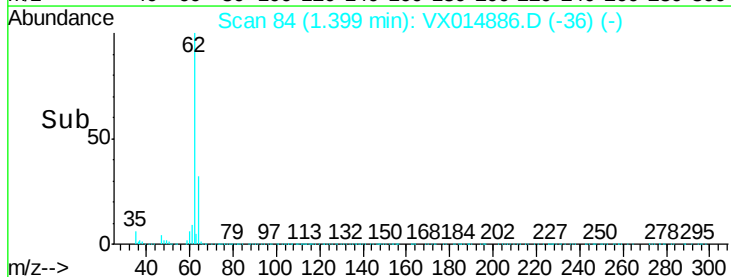
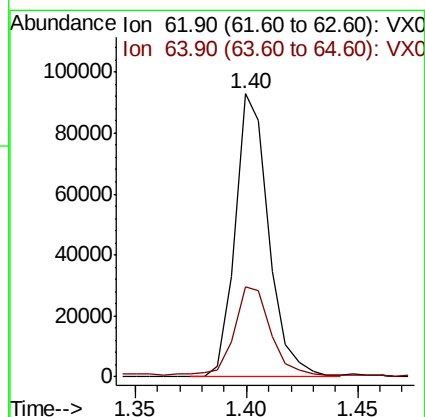
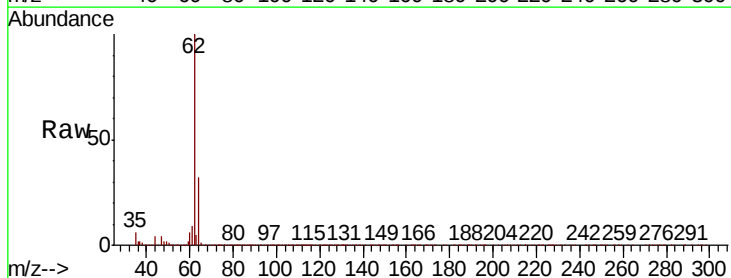
Acq: 10 Feb 2020 14:31

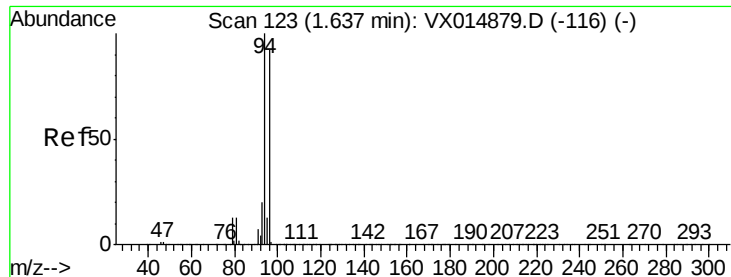
Tgt Ion: 62 Resp: 97118

Ion Ratio Lower Upper

62 100

64 31.3 24.8 37.2





#5

Bromomethane

Concen: 18.891 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion: 94 Resp: 63976

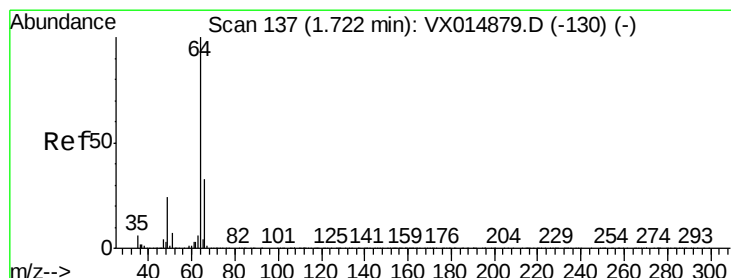
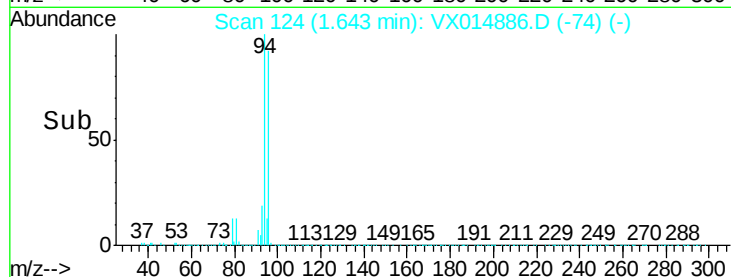
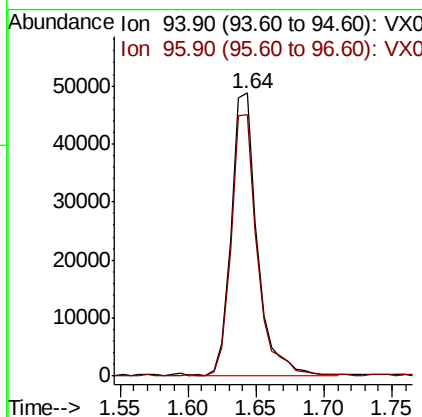
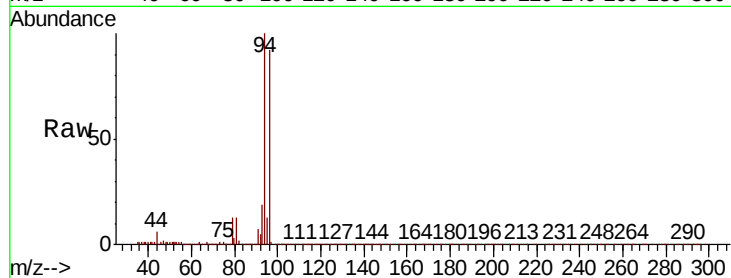
Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 18.617 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014886.D

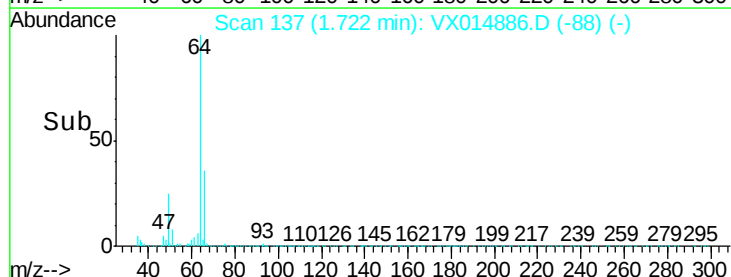
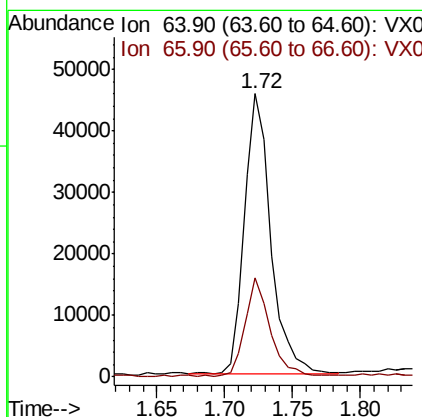
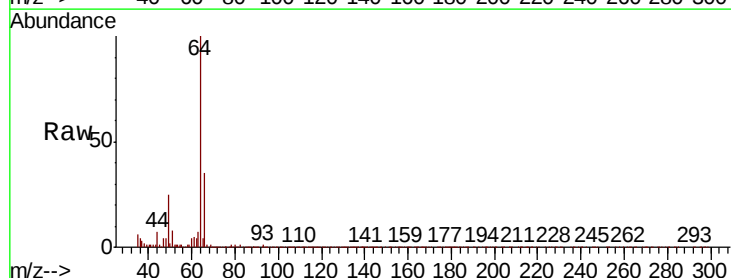
Acq: 10 Feb 2020 14:31

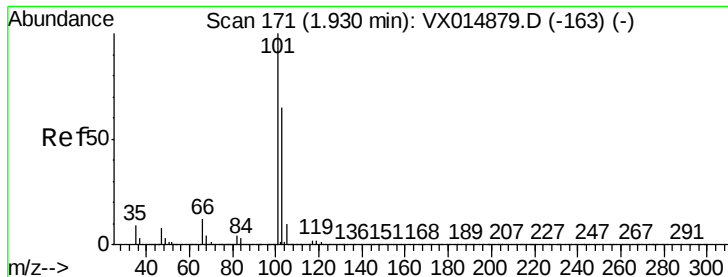
Tgt Ion: 64 Resp: 62324

Ion Ratio Lower Upper

64 100

66 34.7 26.2 39.4





#7

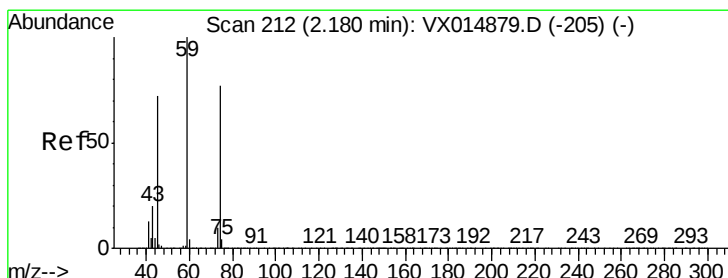
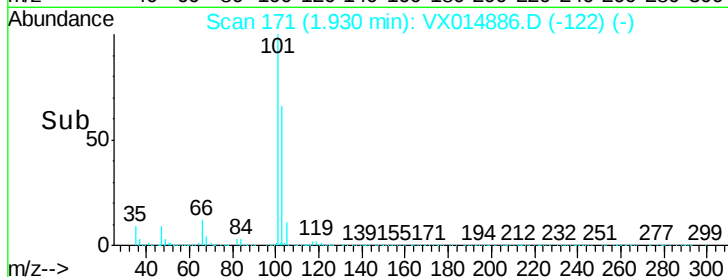
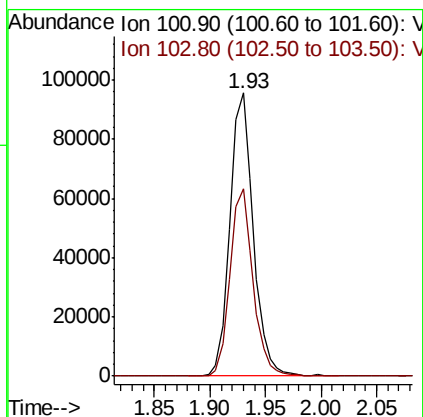
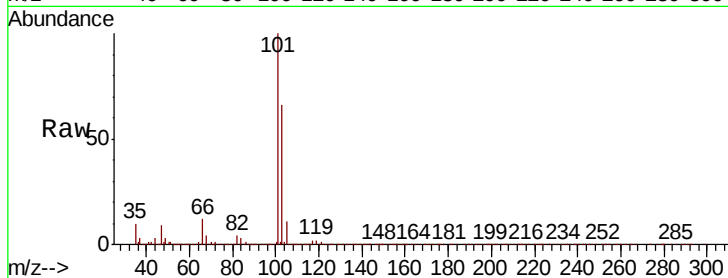
Trichlorofluoromethane
Concen: 18.911 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
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ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.2	78.4

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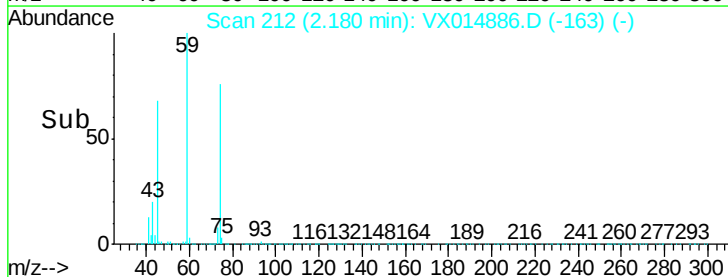
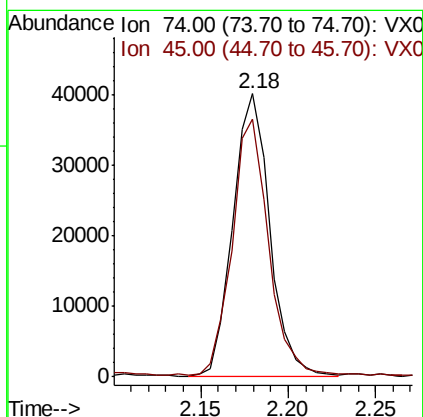
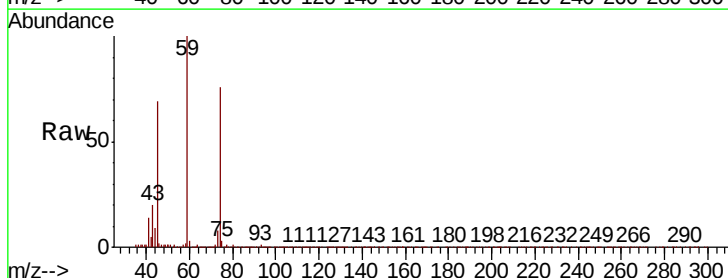
MMDadoda
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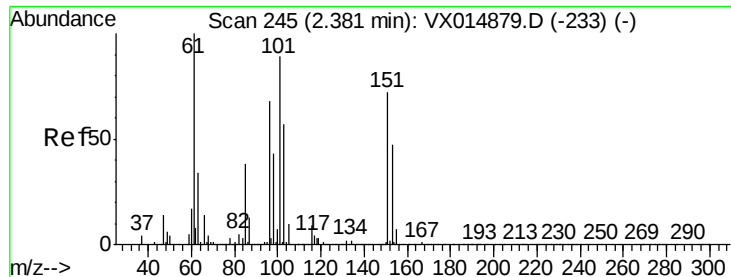


#8

Diethyl Ether
Concen: 19.248 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	46.6	139.8





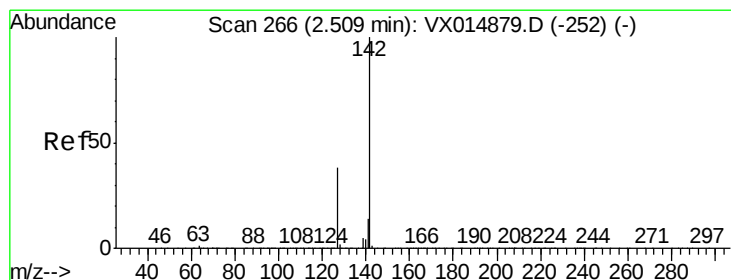
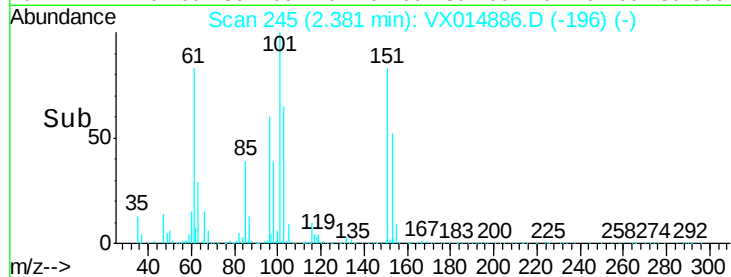
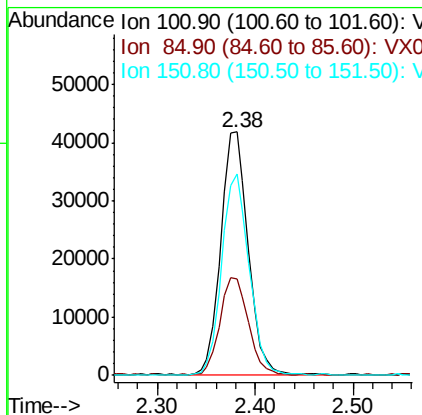
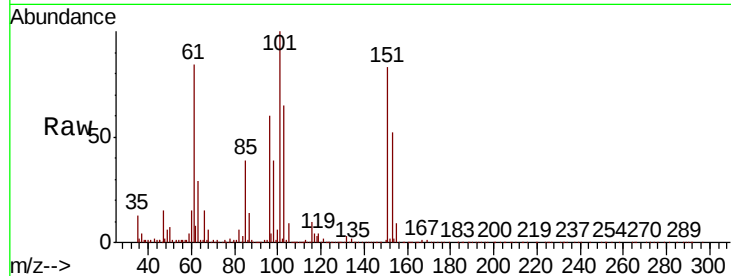
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.305 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	40.6	34.1	51.1
151	82.5	67.3	100.9

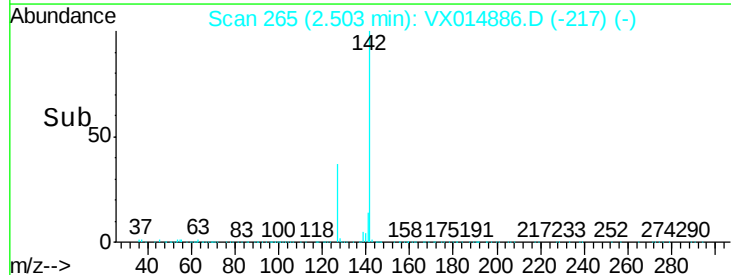
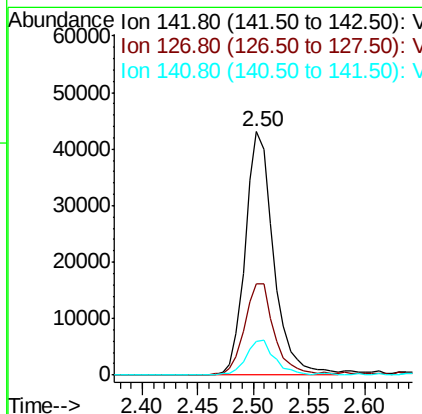
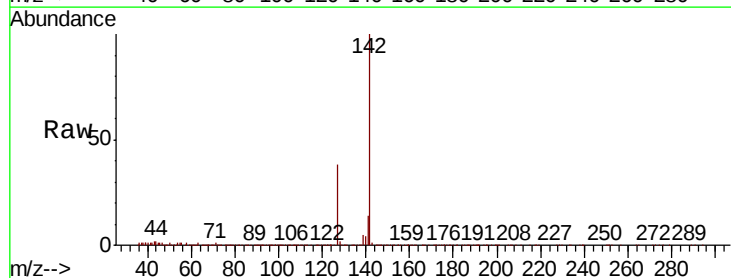
Manual Integrations
APPROVED

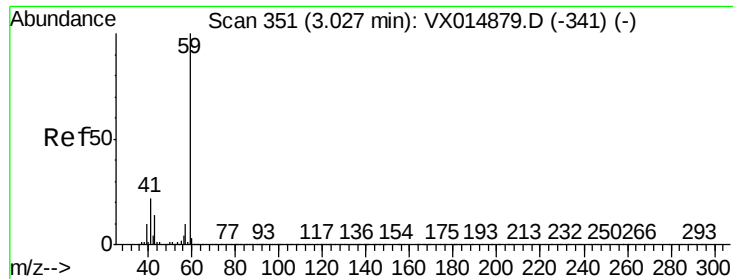
MMDadoda
2/11/2020 10:35:45 AM



#10
Methyl Iodide
Concen: 19.114 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.2	31.1	46.7
141	14.6	11.3	16.9





#11

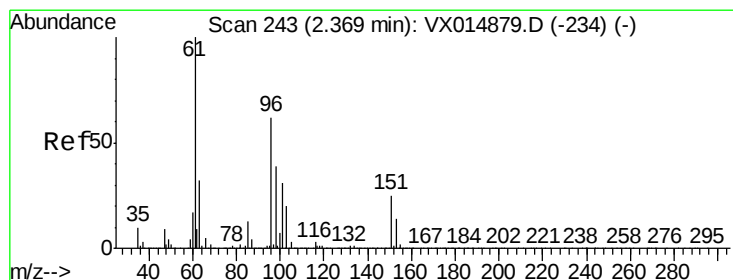
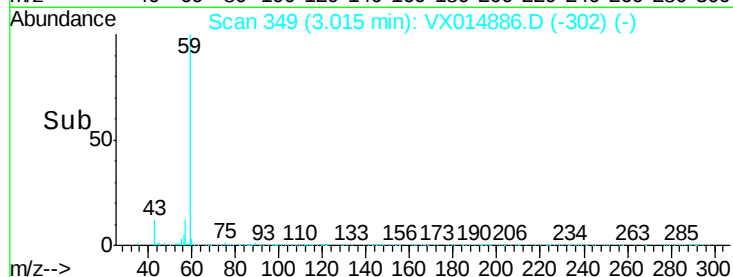
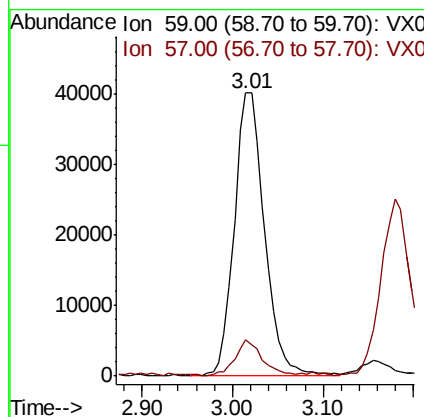
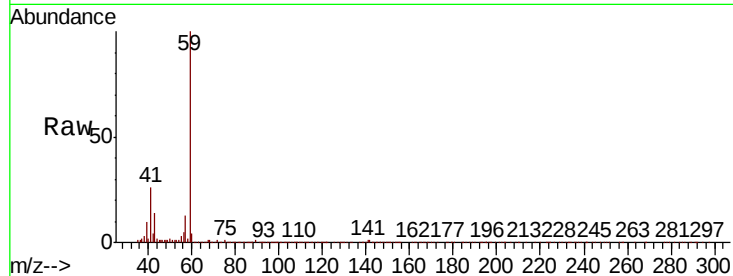
Tert butyl alcohol
Concen: 102.616 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.4

Manual Integrations
APPROVED

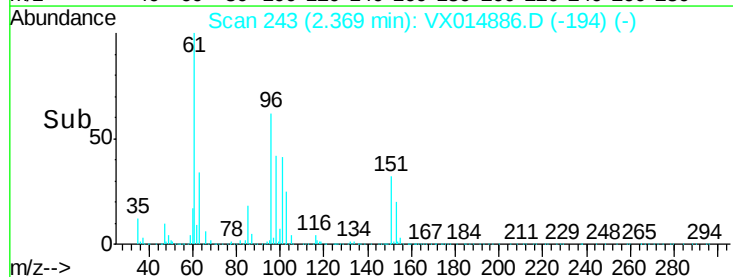
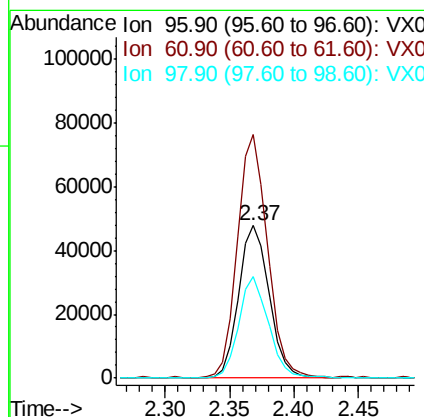
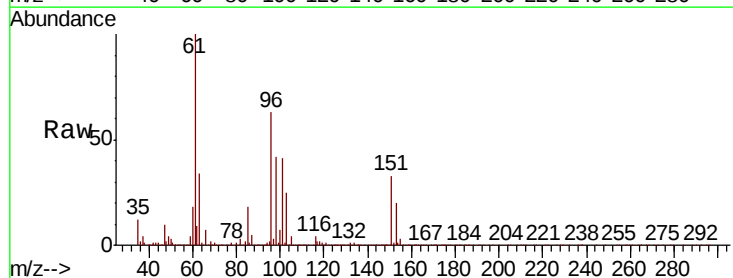
MMDadoda
2/11/2020 10:35:45 AM

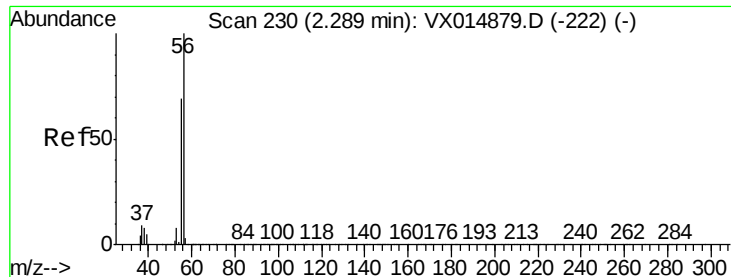


#12

1,1-Dichloroethene
Concen: 18.879 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	129.5	194.3
98	66.6	50.6	76.0





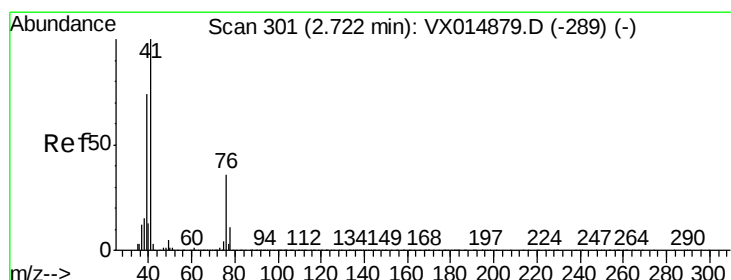
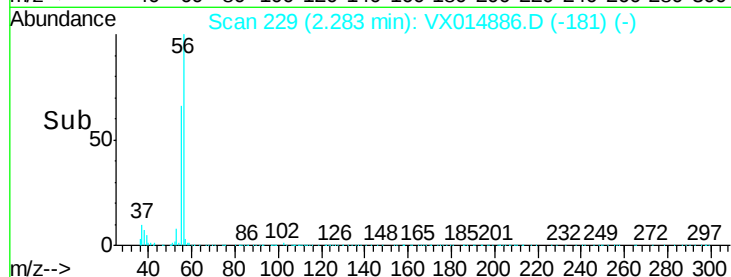
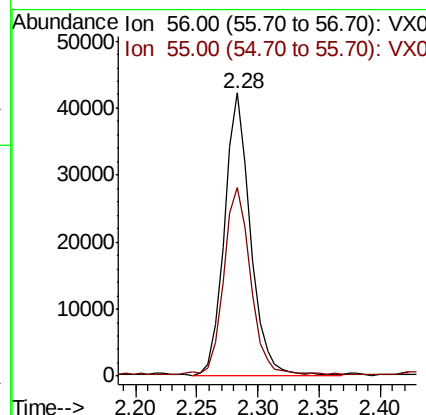
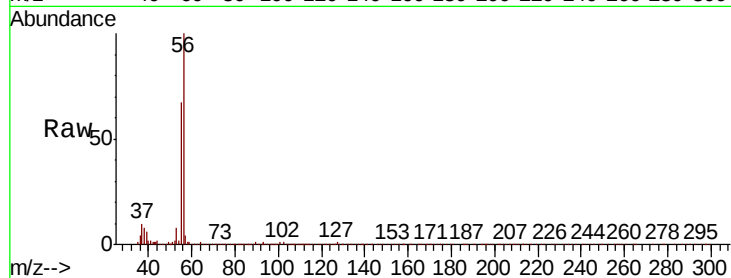
#13
Acrolein
Concen: 91.634 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	66.9	55.0	82.4

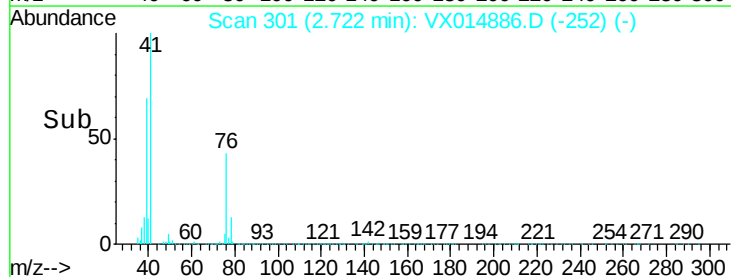
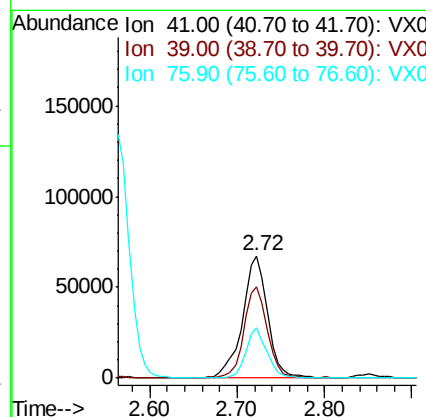
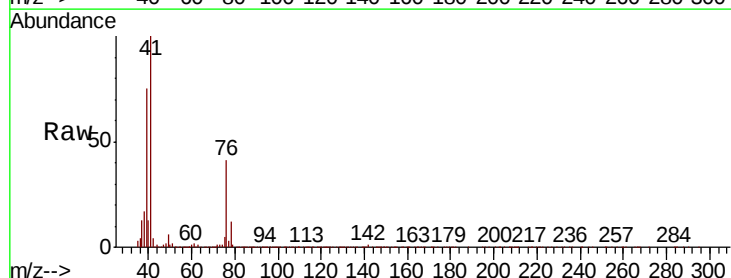
Manual Integrations
APPROVED

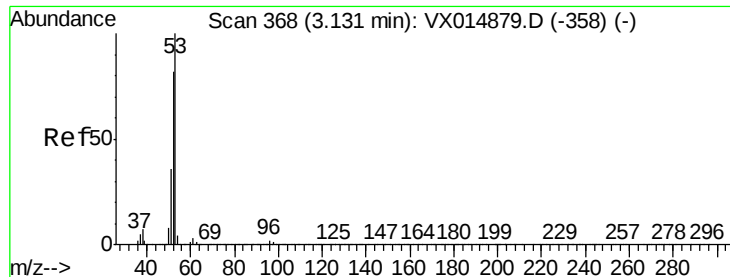
MMDadoda
2/11/2020 10:35:45 AM



#14
Allyl chloride
Concen: 18.193 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.4	55.2	82.8
76	33.6	26.8	40.2





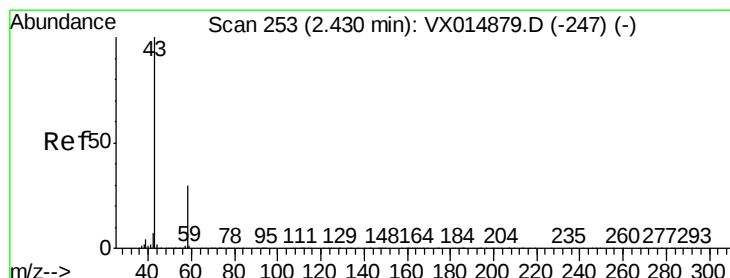
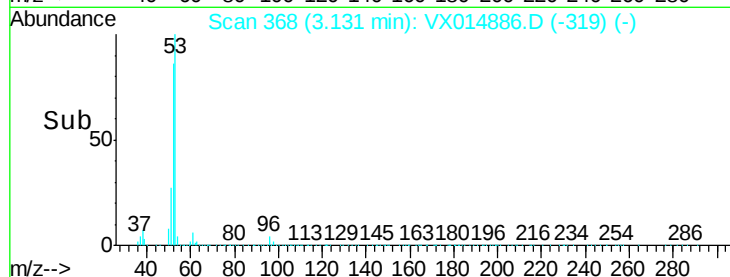
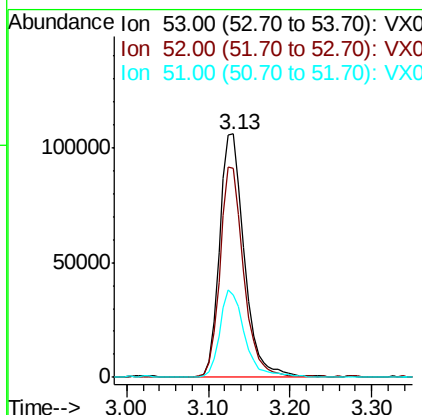
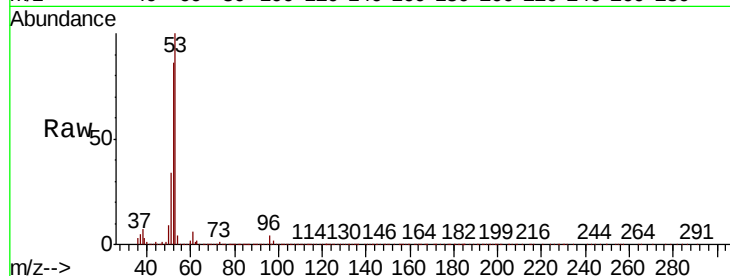
#15
 Acrylonitrile
 Concen: 97.401 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.8	98.6
51	35.6	29.1	43.7

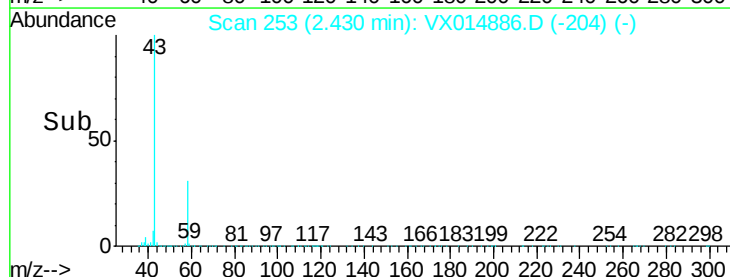
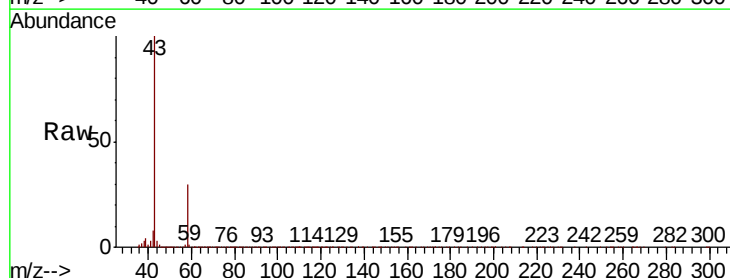
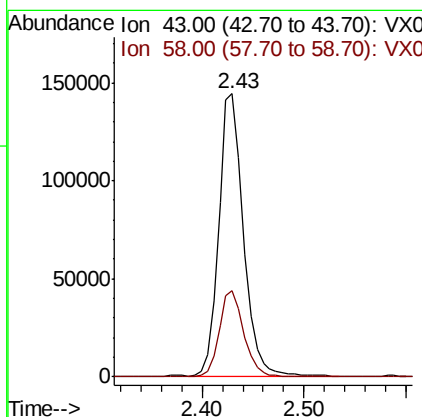
Manual Integrations
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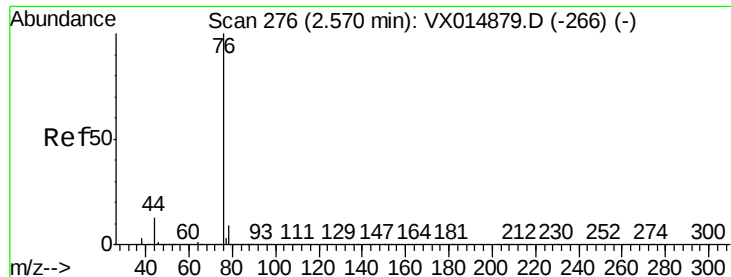
MMDadoda
 2/11/2020 10:35:45 AM



#16
 Acetone
 Concen: 80.321 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.1	36.1





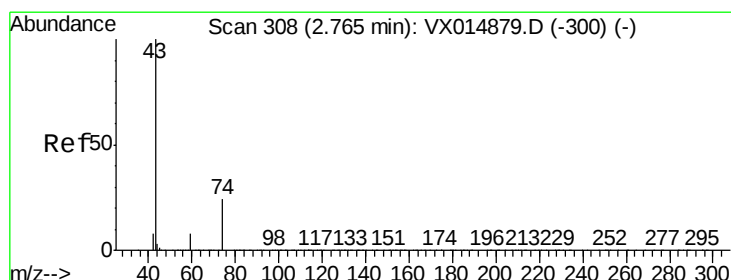
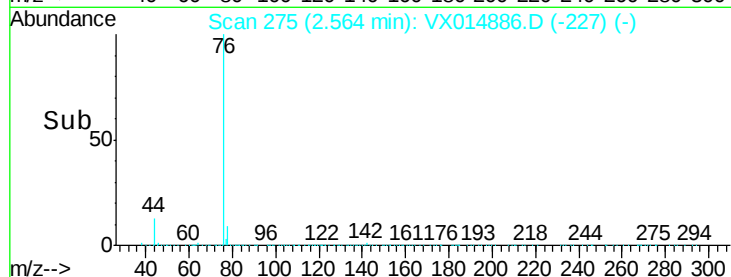
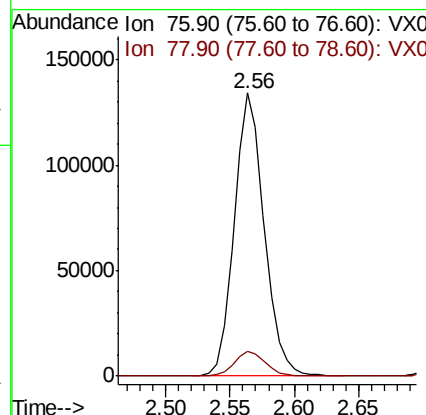
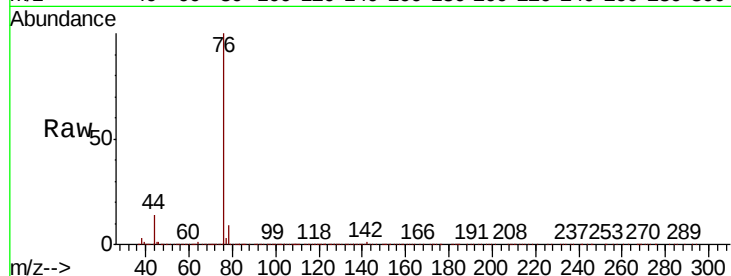
#17
Carbon Disulfide
Concen: 18.686 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

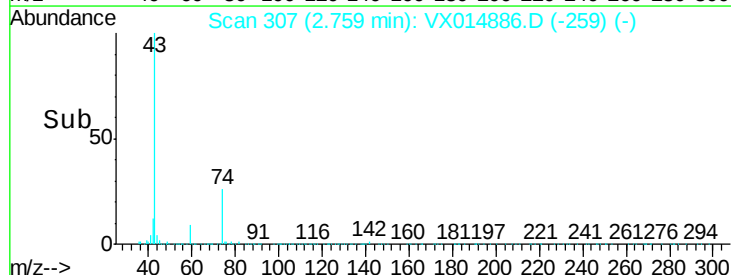
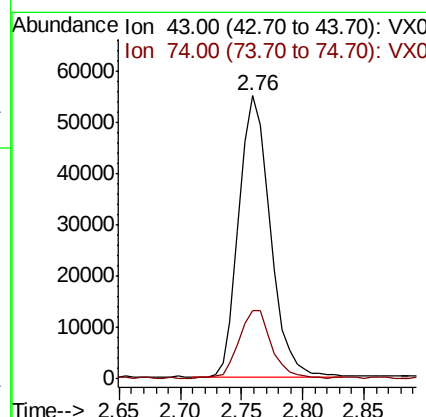
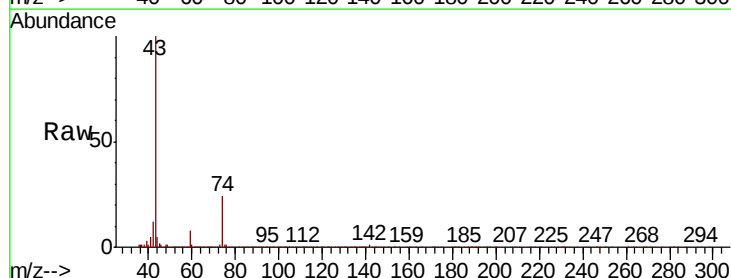
Manual Integrations
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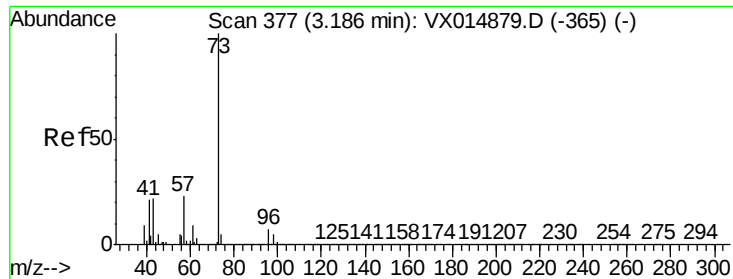
MMDadoda
2/11/2020 10:35:45 AM



#18
Methyl Acetate
Concen: 19.161 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.4	29.0





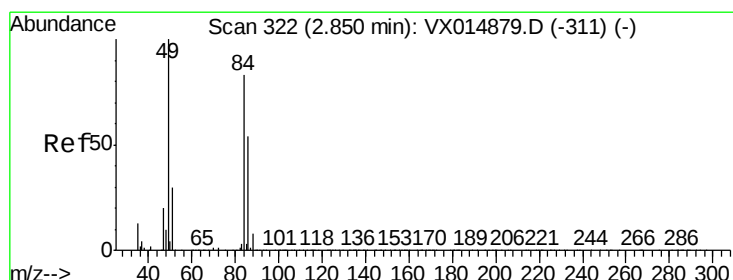
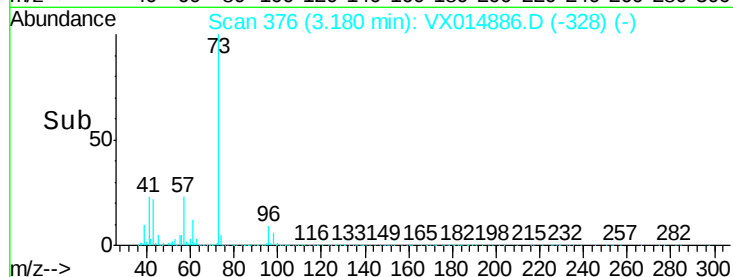
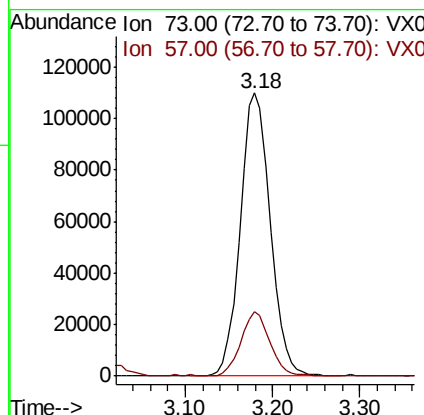
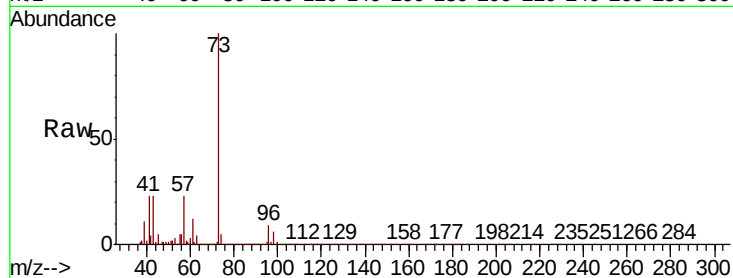
#19
Methvl tert-butvl Ether
Concen: 19.355 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion: 73 Resp: 261171
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4

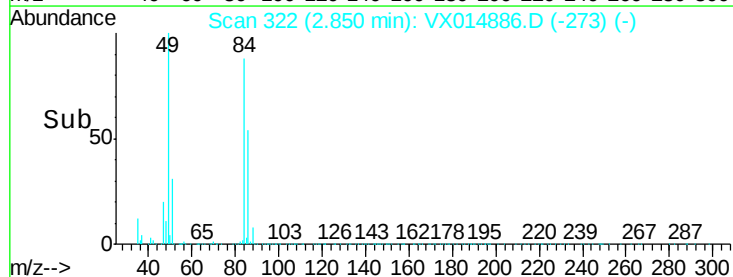
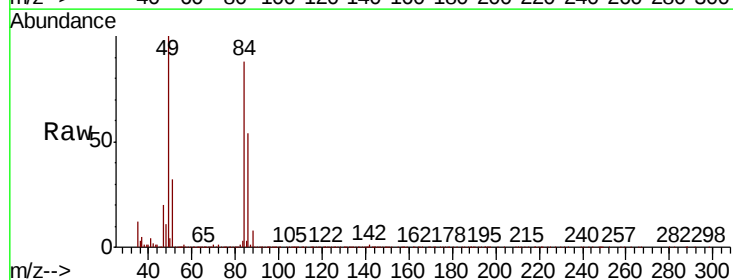
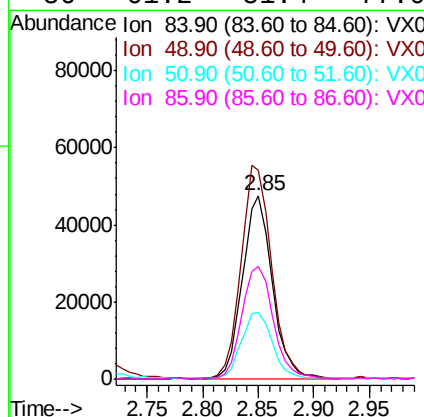
Manual Integrations
APPROVED

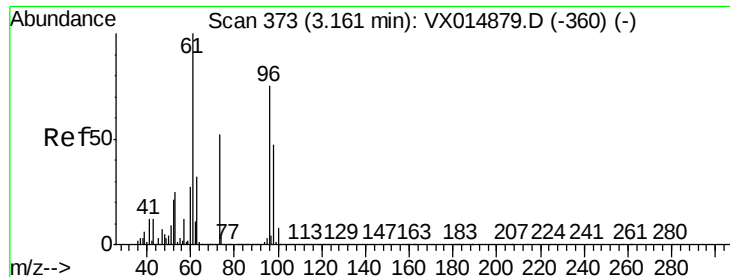
MMDadoda
2/11/2020 10:35:45 AM



#20
Methylene Chloride
Concen: 18.034 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 84 Resp: 88563
Ion Ratio Lower Upper
84 100
49 113.9 95.6 143.4
51 35.6 29.0 43.6
86 61.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.781 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

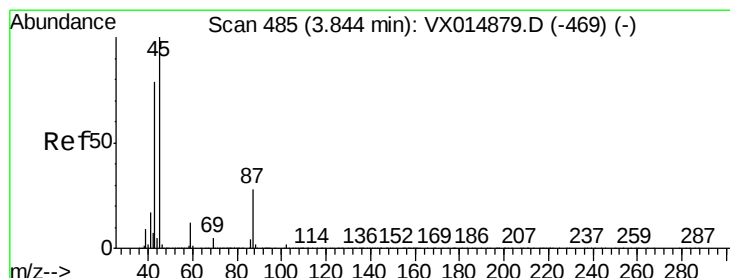
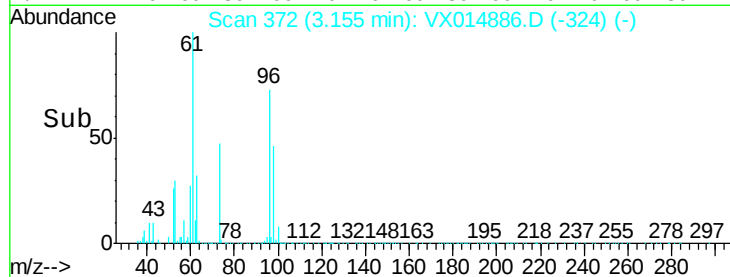
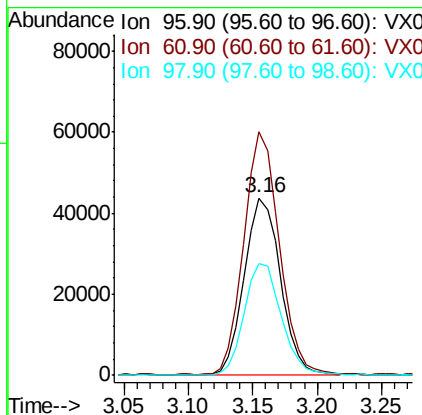
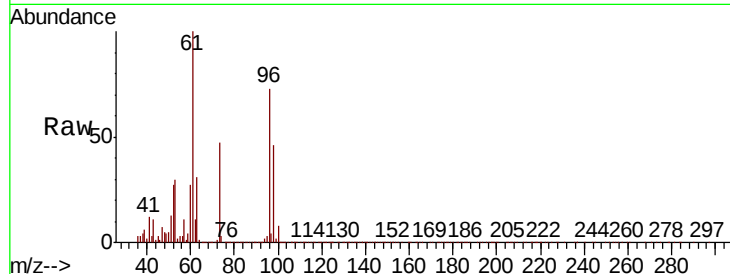
ClientSampleId :

VX0210MBS01

Tot Ion:	96	Resp:	85922
Ion Ratio	Lower	Upper	
96	100		
61	136.3	106.9	160.3
98	62.8	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.057 ug/l

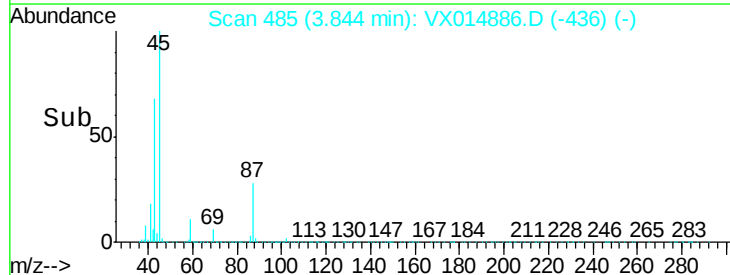
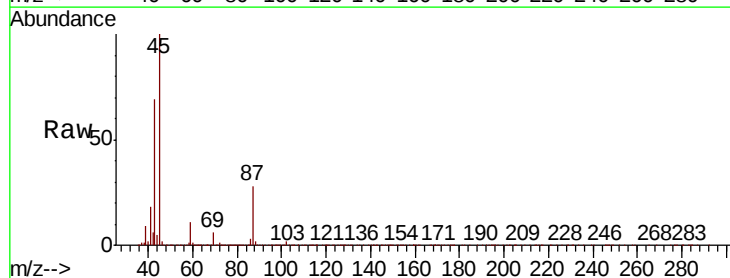
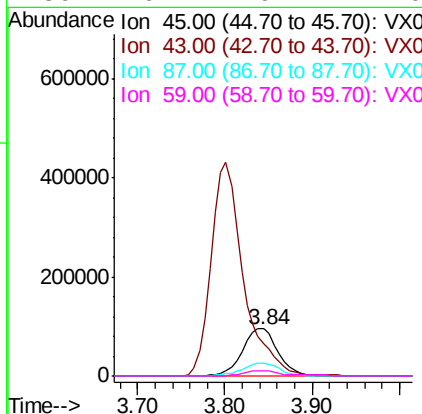
RT: 3.84 min Scan# 485

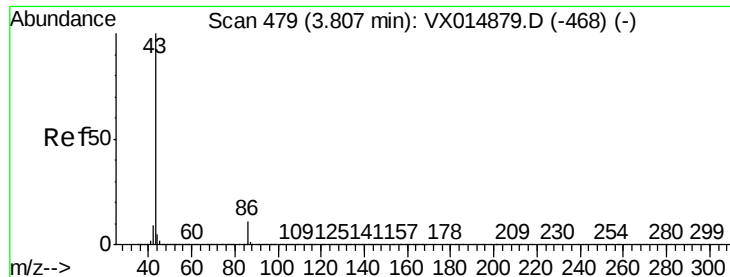
Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	45	Resp:	267554
Ion Ratio	Lower	Upper	
45	100		
43	67.1	63.5	95.3
87	28.2	22.2	33.4
59	10.7	9.4	14.0





#23

Vinyl Acetate

Concen: 96.186 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion: 43 Resp: 1113229

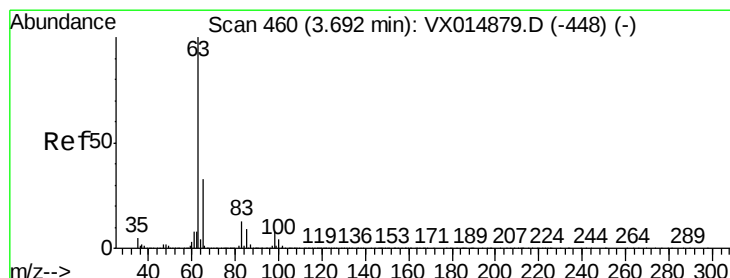
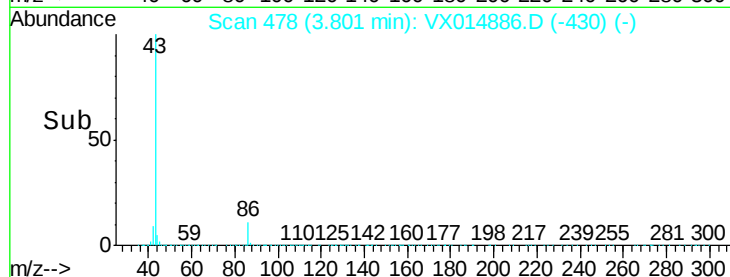
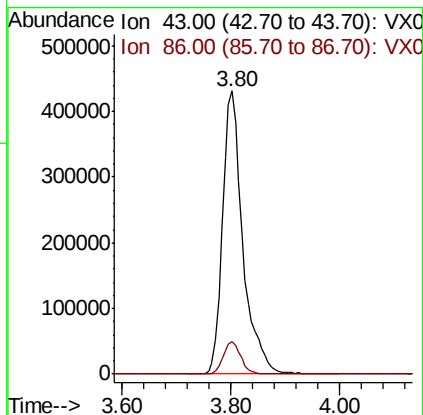
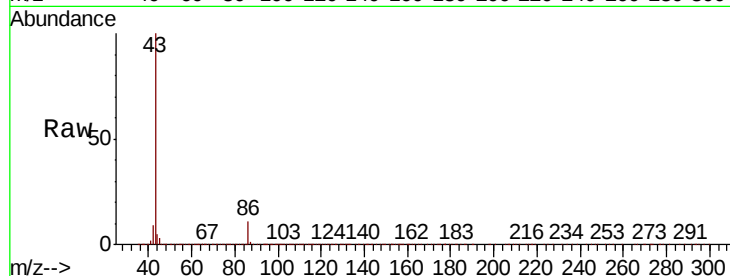
Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3

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2/11/2020 10:35:45 AM



#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

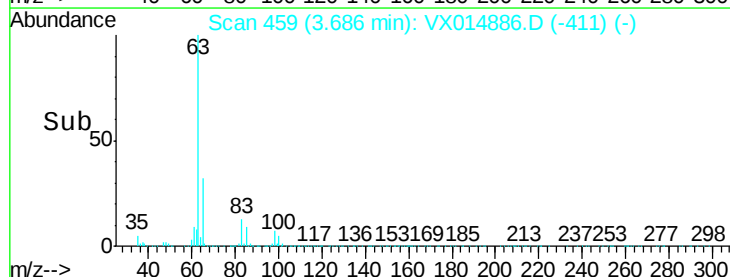
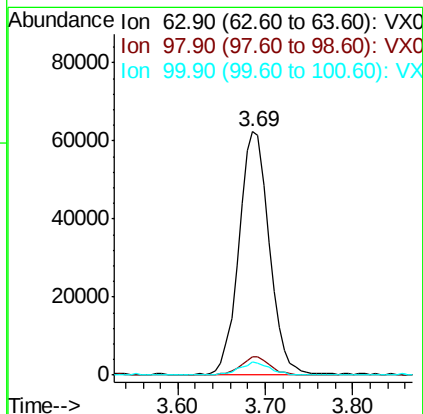
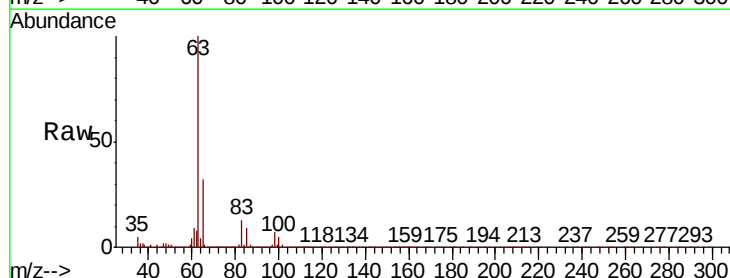
Tgt Ion: 63 Resp: 151020

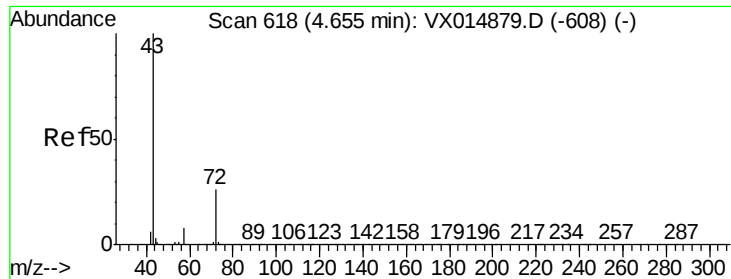
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 5.4 2.2 6.6





#25

2-Butanone

Concen: 94.487 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion: 43 Resp: 328389

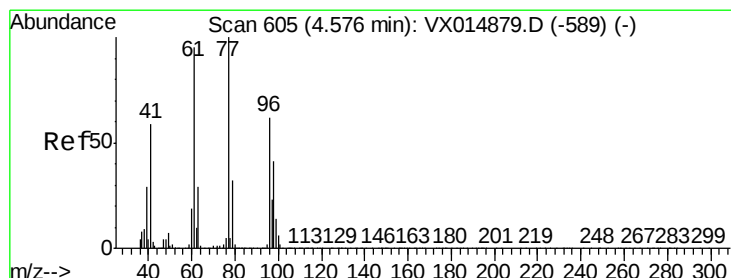
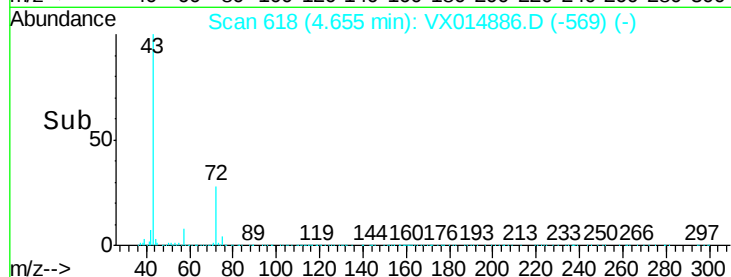
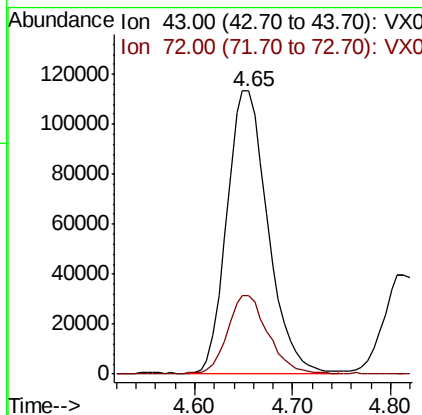
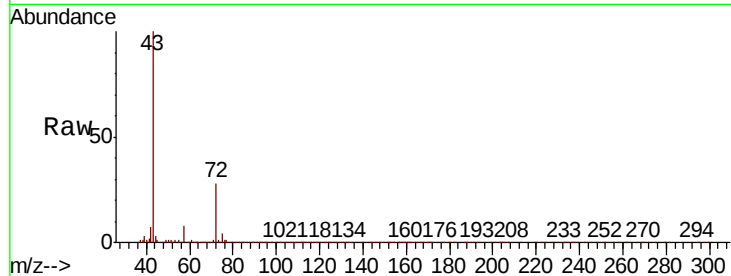
Ion Ratio Lower Upper

43 100

72 27.5 21.0 31.6

Manual Integrations
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2/11/2020 10:35:45 AM



#26

2,2-Dichloropropane

Concen: 18.172 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014886.D

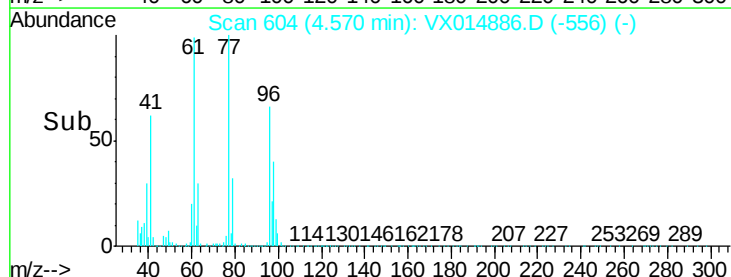
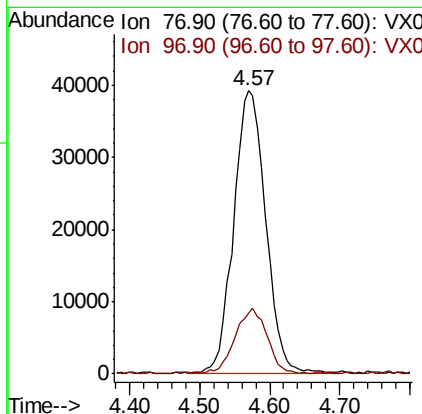
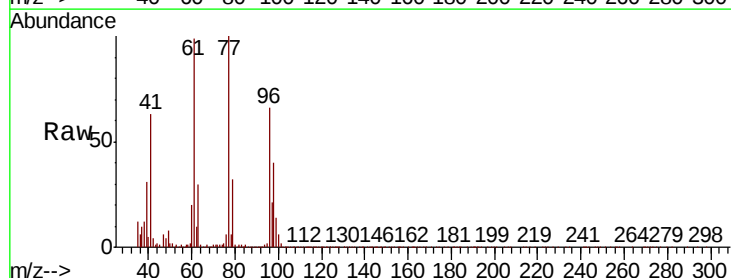
Acq: 10 Feb 2020 14:31

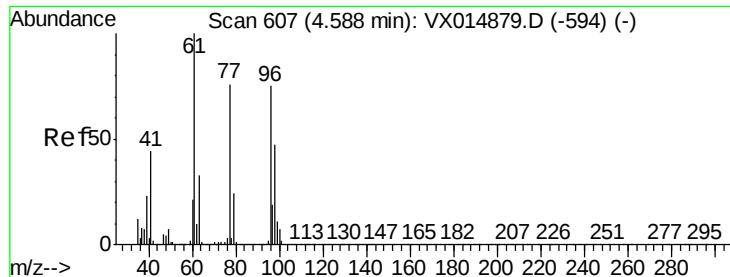
Tgt Ion: 77 Resp: 124091

Ion Ratio Lower Upper

77 100

97 22.6 11.9 35.5





#27

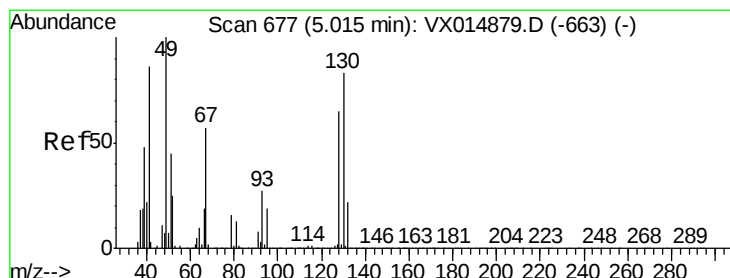
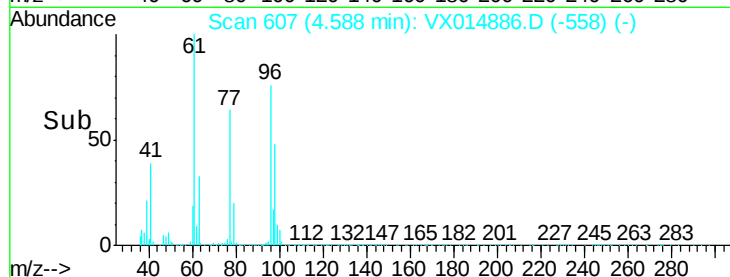
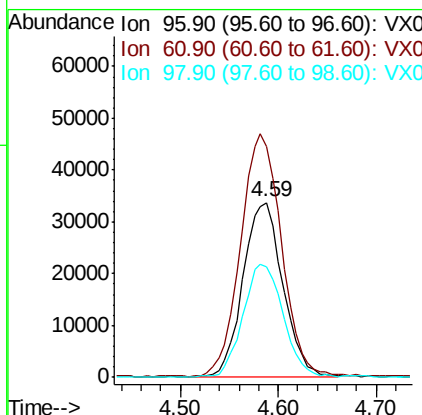
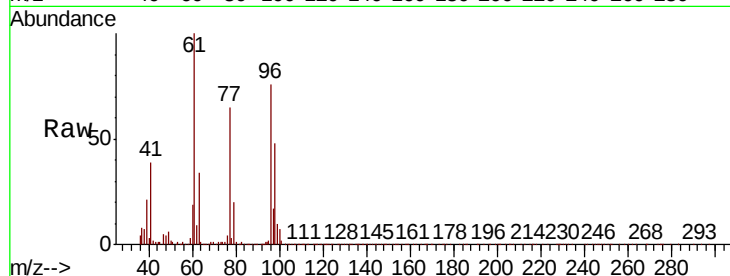
cis-1,2-Dichloroethene
Concen: 18.561 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	286.2
98	65.8	0.0	131.0

Manual Integrations
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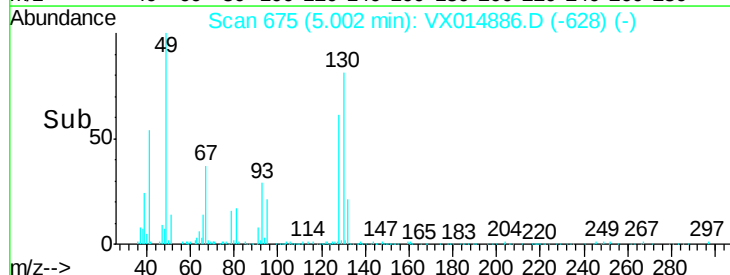
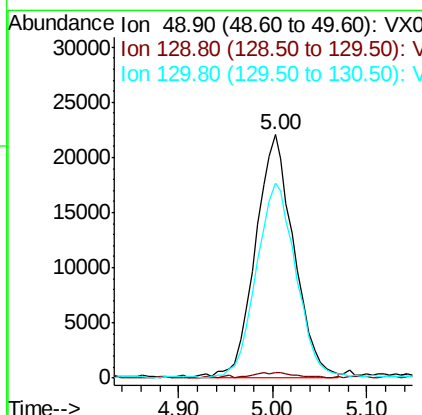
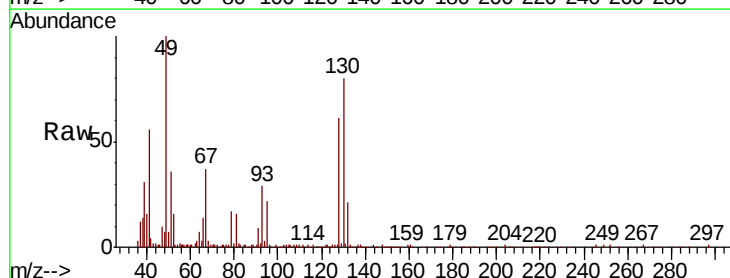
MMDadoda
2/11/2020 10:35:45 AM

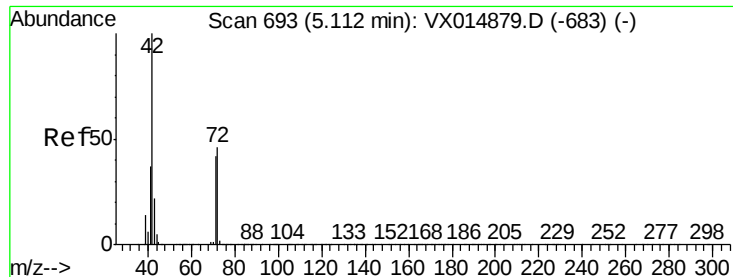


#28

Bromochloromethane
Concen: 20.577 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	82.0	67.4	101.2





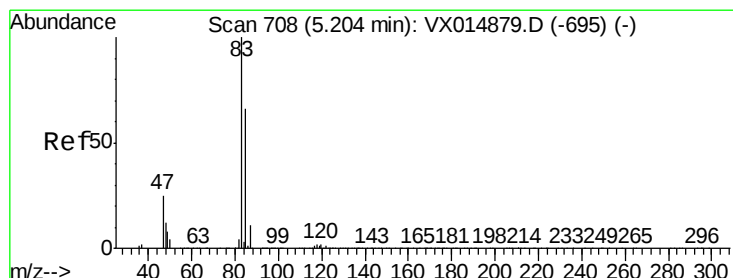
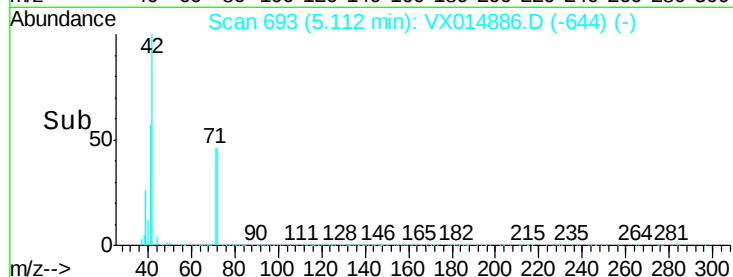
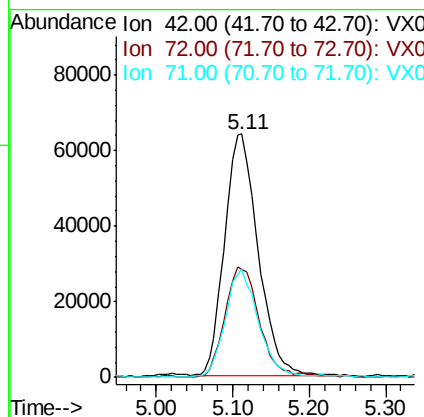
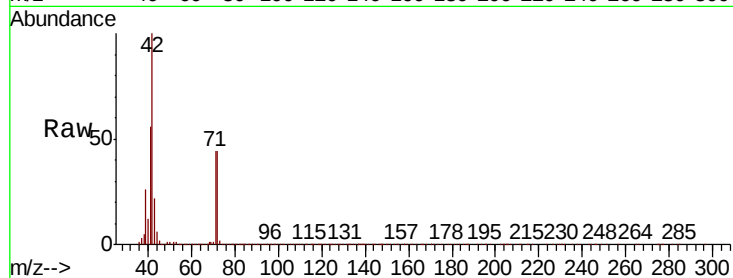
#29
Tetrahydrofuran
Concen: 98.584 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	36.9	55.3
71	43.5	34.1	51.1

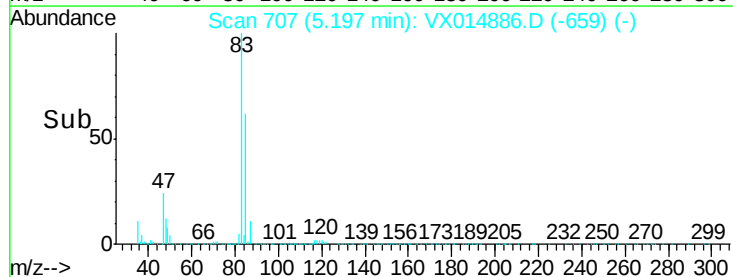
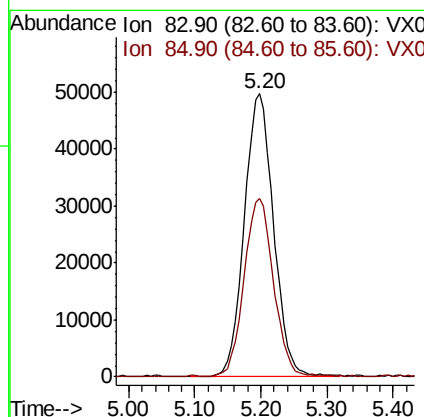
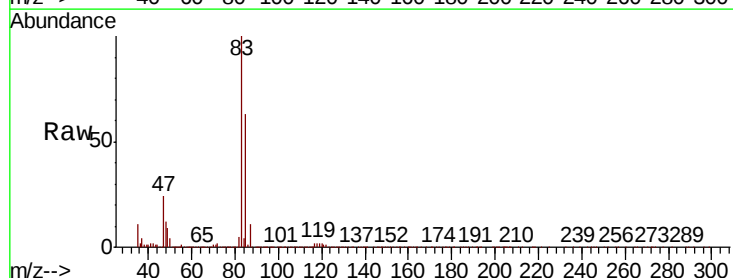
Manual Integrations
APPROVED

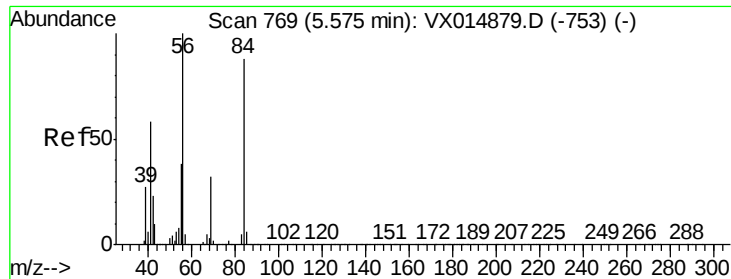
MMDadoda
2/11/2020 10:35:45 AM



#30
Chloroform
Concen: 19.300 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.9	79.3





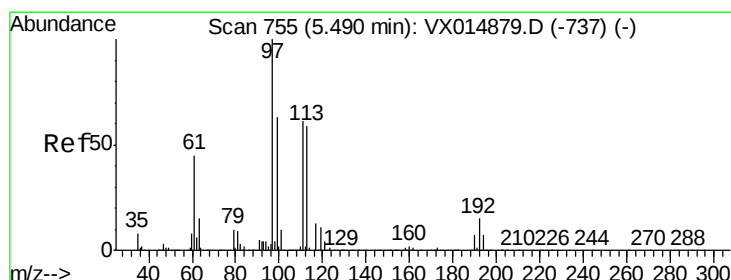
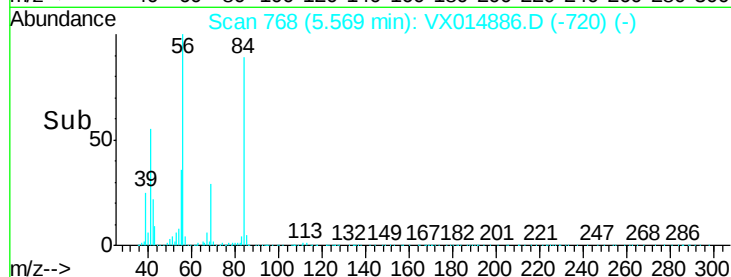
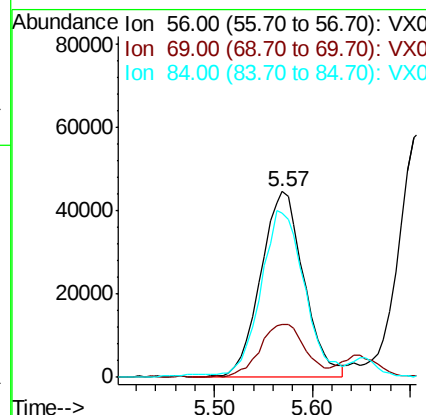
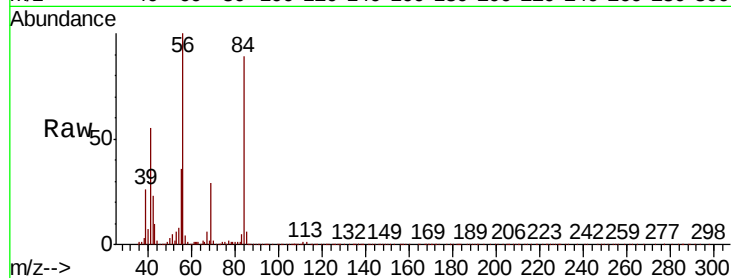
#31
Cvclohexane
Concen: 18.922 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.9	38.9
84	87.6	70.4	105.6

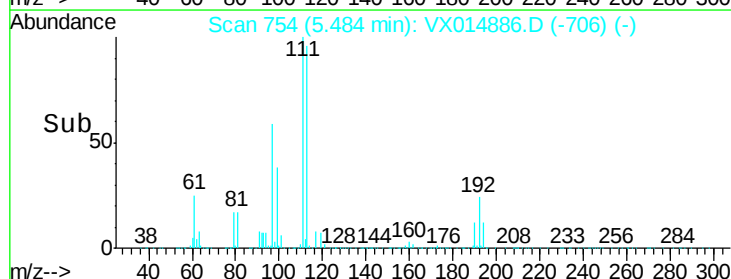
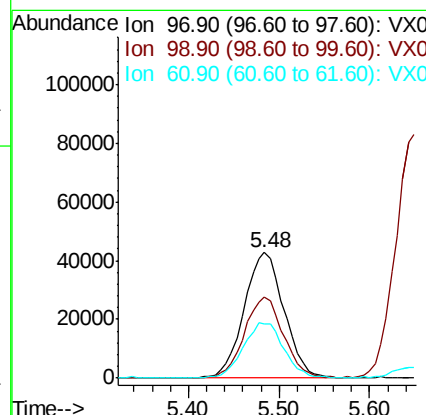
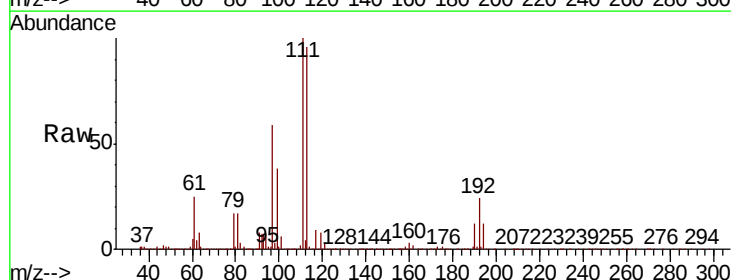
Manual Integrations
APPROVED

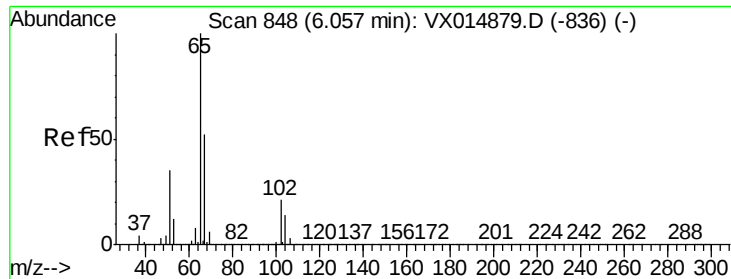
MMDadoda
2/11/2020 10:35:45 AM



#32
1,1,1-Trichloroethane
Concen: 18.864 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	43.9	36.3	54.5





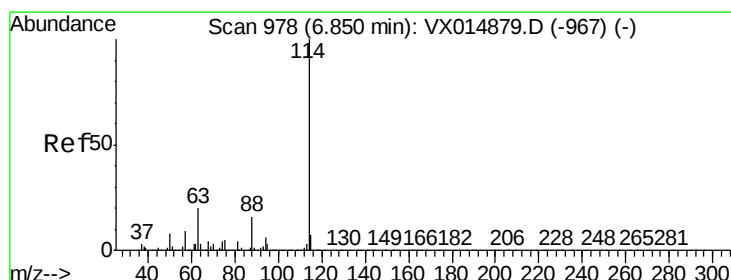
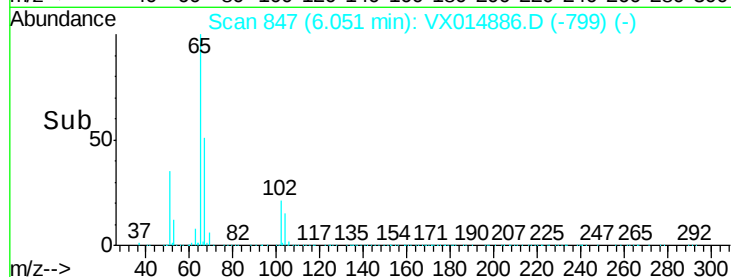
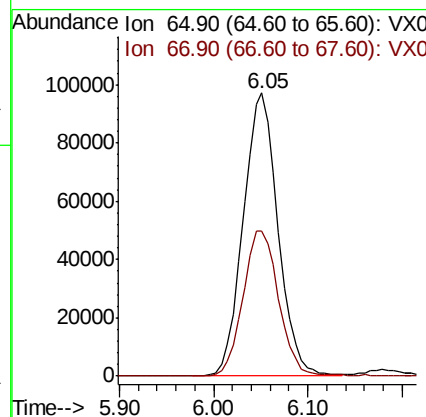
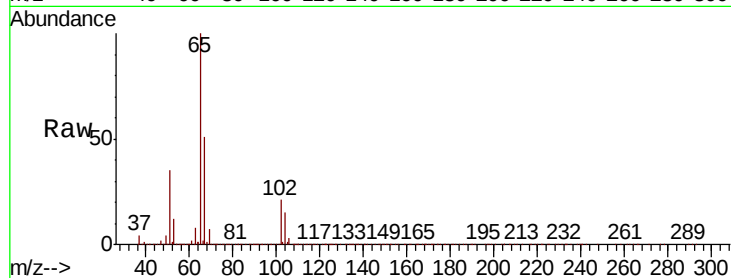
#33
 1,2-Dichloroethane-d4
 Concen: 48.723 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	248735		
67	52.7	0.0	103.0	

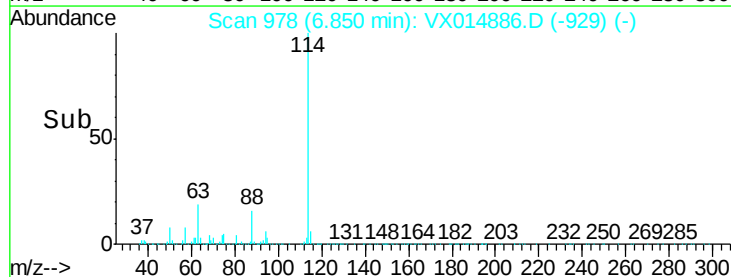
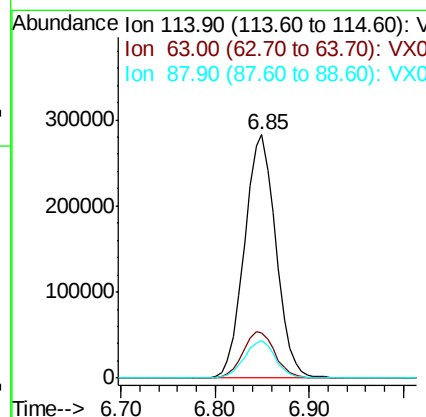
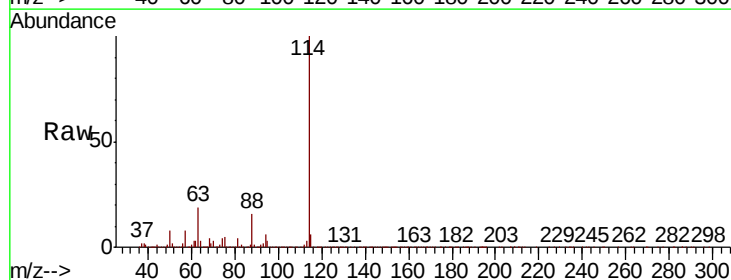
Manual Integrations
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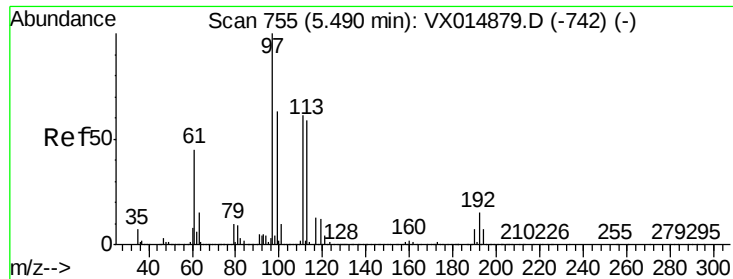
MMDadoda
 2/11/2020 10:35:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661693		
63	18.7	0.0	39.2	
88	15.5	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.375 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

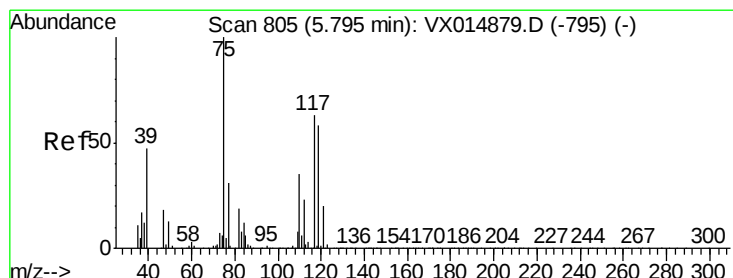
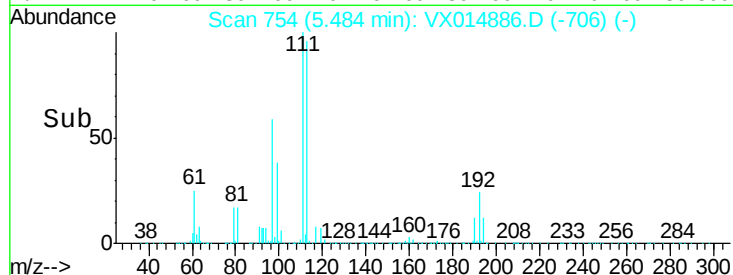
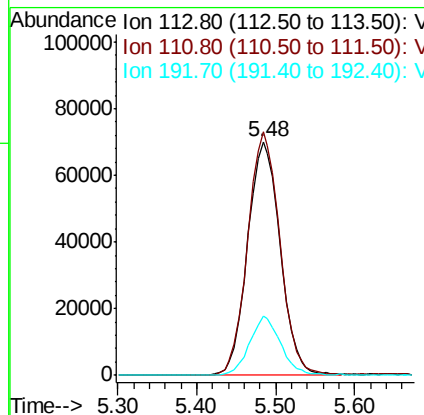
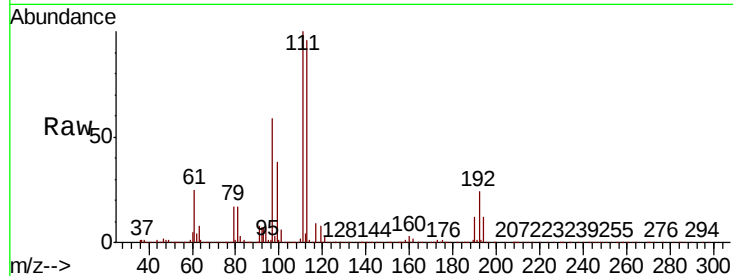
ClientSampleId :

VX0210MBS01

Tot Ion:	113	Resp:	200854
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.4	123.6
192	24.1	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.031 ug/l

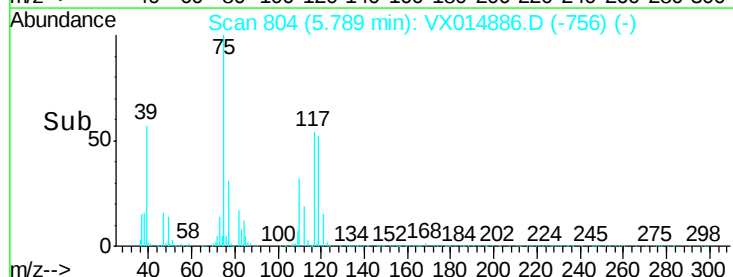
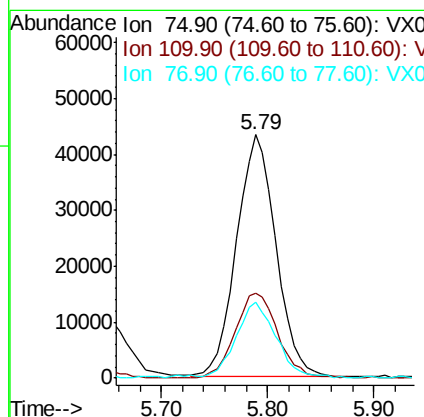
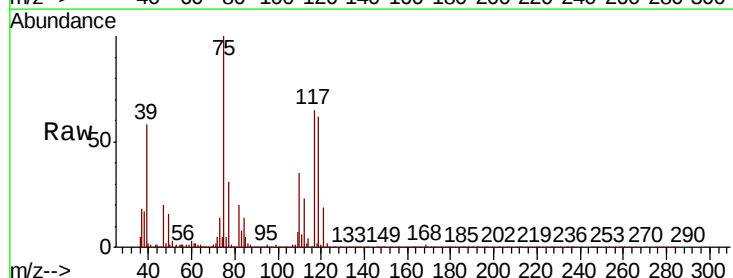
RT: 5.79 min Scan# 804

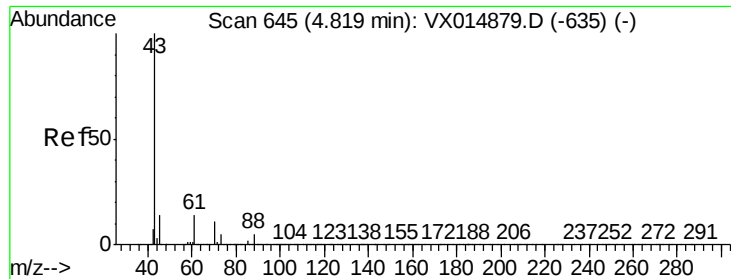
Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	75	Resp:	112646
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.3	54.8
77	31.3	24.6	36.8





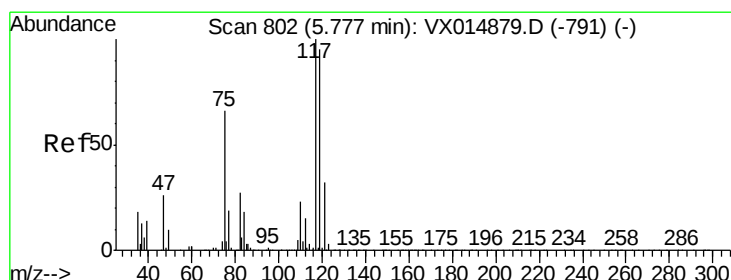
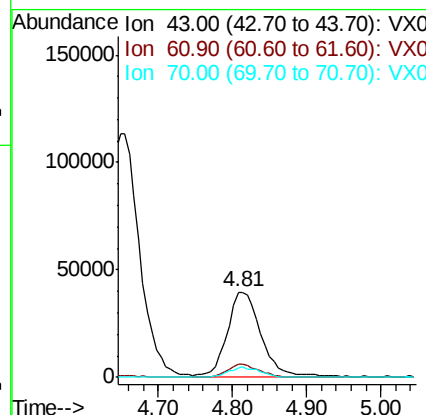
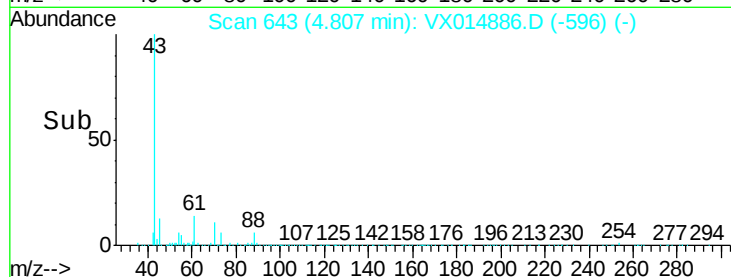
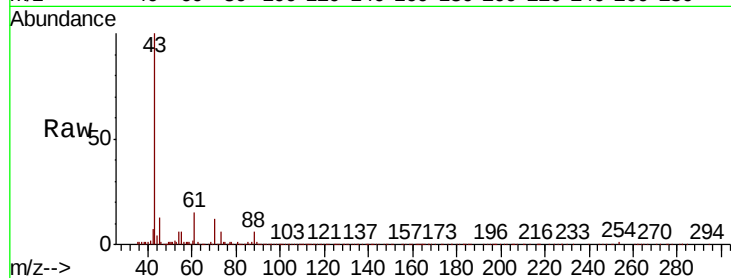
#37
Ethyl Acetate
Concen: 19.877 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.7	8.7	13.1

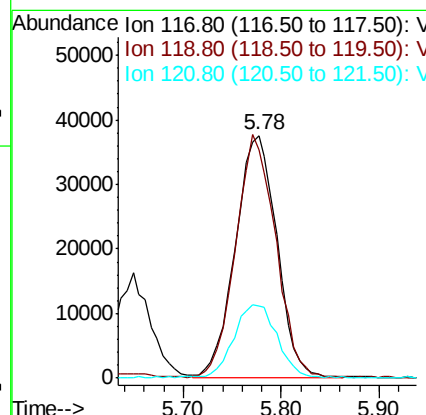
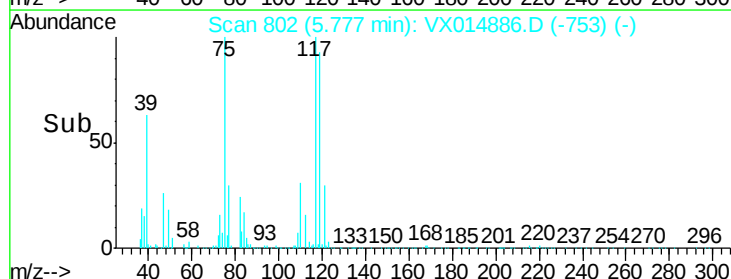
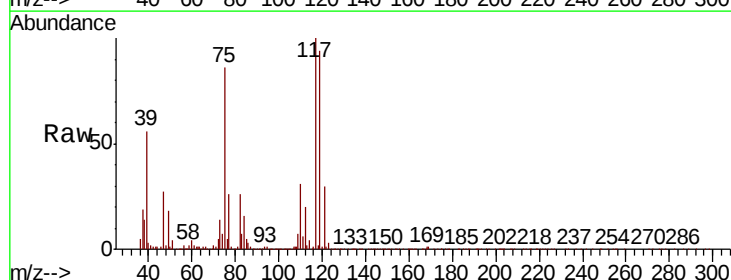
Manual Integrations
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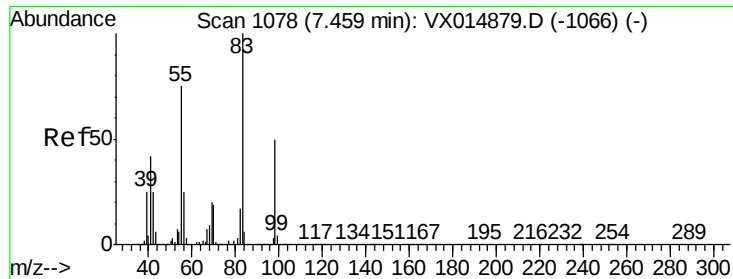
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.122 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.0	114.0
121	29.3	25.4	38.2





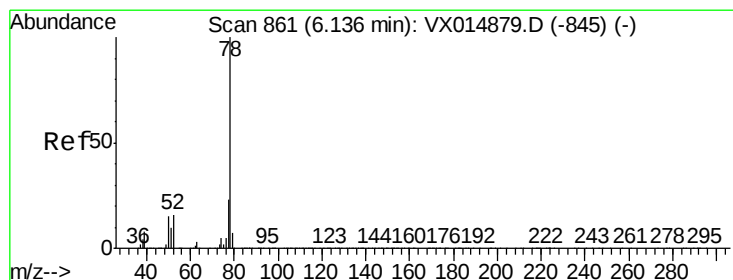
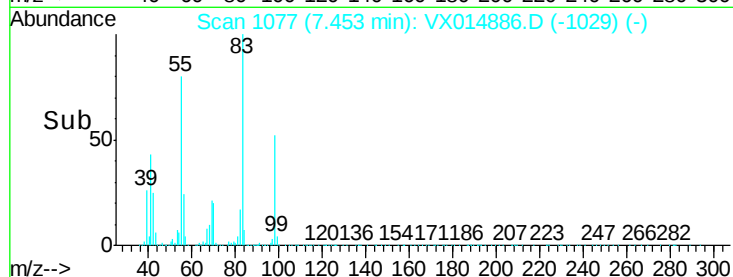
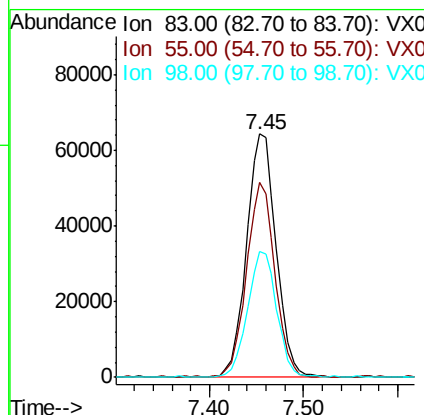
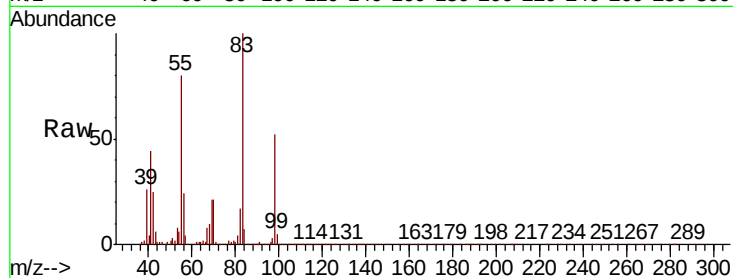
#39
Methylvlcyclohexane
Concen: 19.134 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	60.0	90.0
98	51.9	39.6	59.4

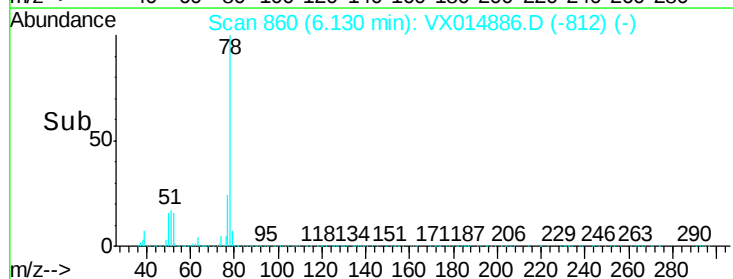
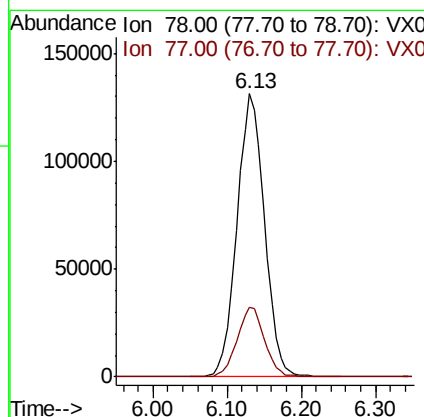
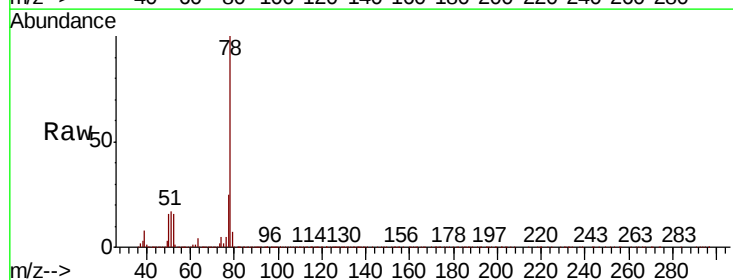
Manual Integrations
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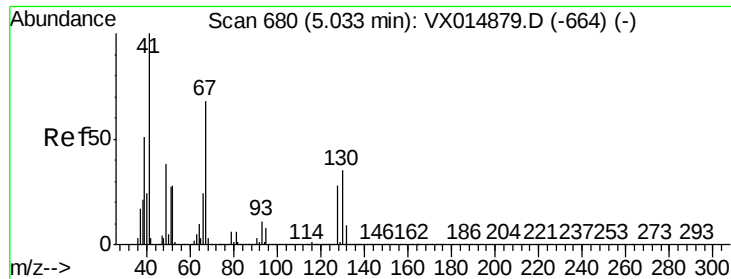
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#40
Benzene
Concen: 19.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





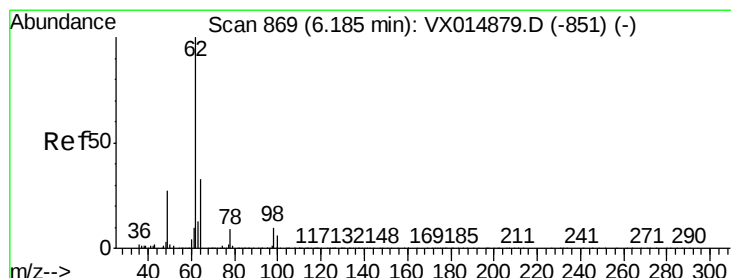
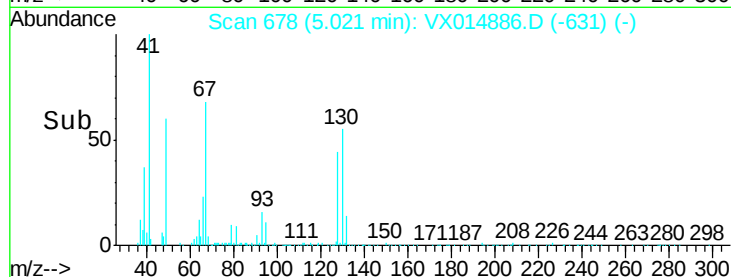
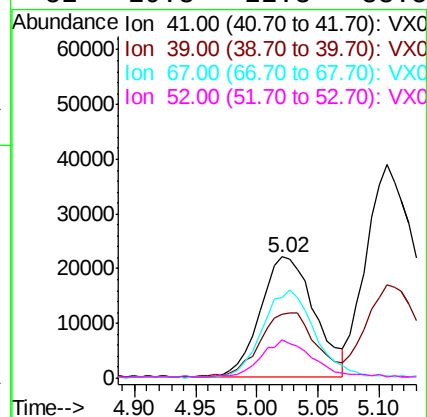
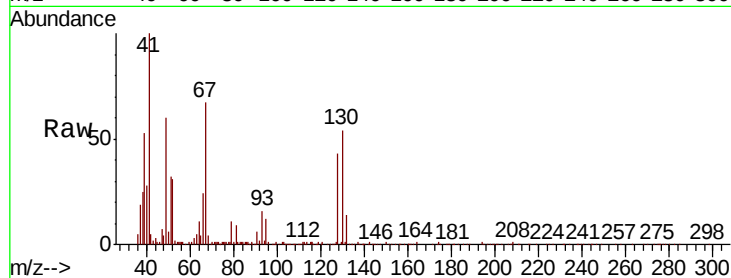
#41
Methacrylonitrile
Concen: 20.425 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	44.7	67.1	
67	70.8	56.6	84.8	
52	29.3	22.3	33.5	

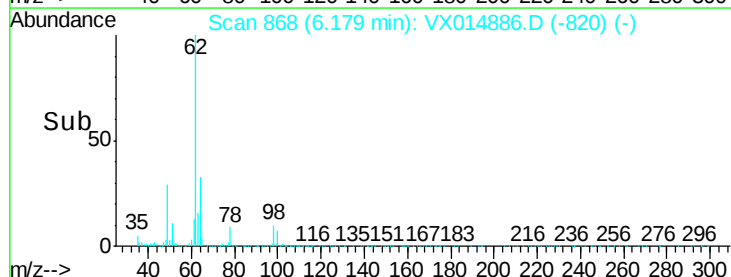
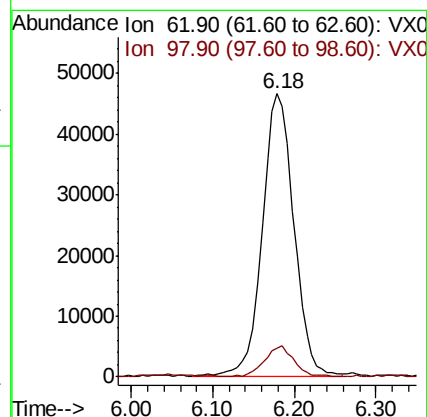
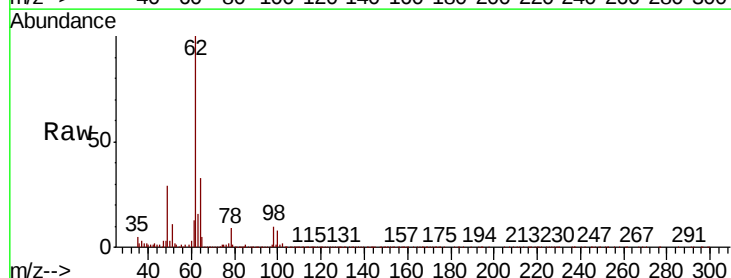
Manual Integrations
APPROVED

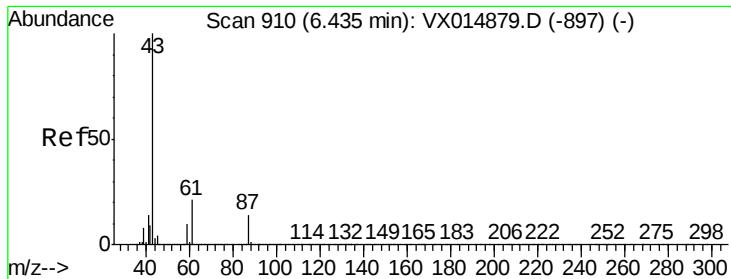
MMDadoda
2/11/2020 10:35:45 AM



#42
1,2-Dichloroethane
Concen: 19.779 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	19.2	





#43

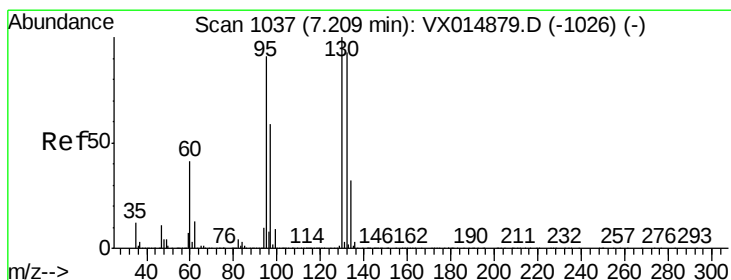
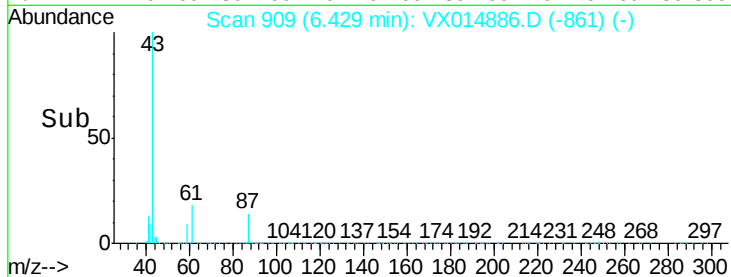
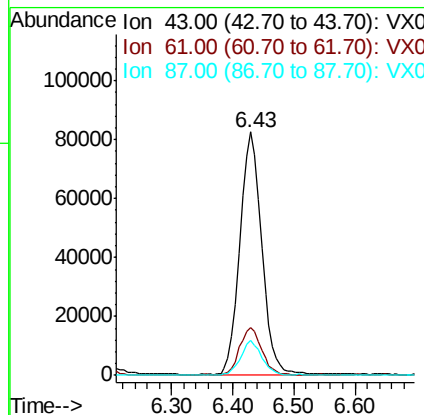
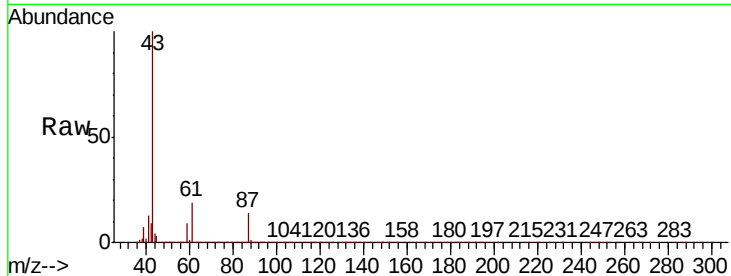
Isopropyl Acetate
 Concen: 19.841 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	43	Resp	202058
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.2	24.4
87	13.7	11.0	16.6

Manual Integrations
 APPROVED

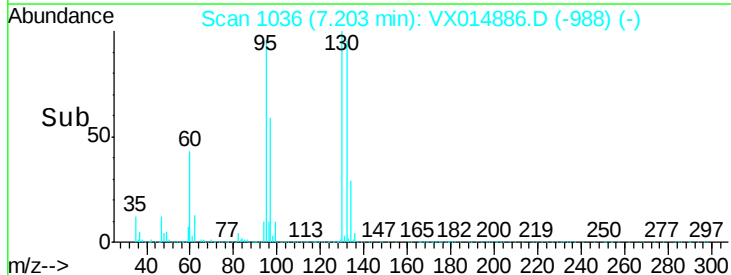
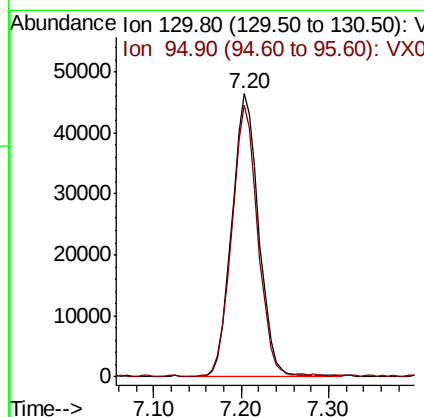
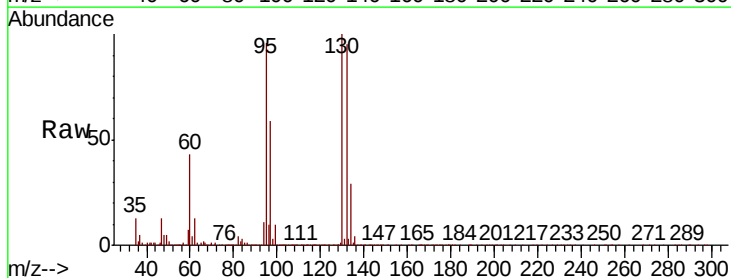
MMDadoda
 2/11/2020 10:35:45 AM

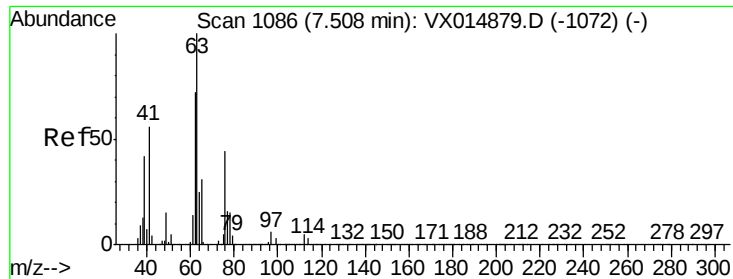


#44

Trichloroethene
 Concen: 19.311 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	130	Resp	99144
Ion Ratio	Lower	Upper	
130	100		
95	95.8	0.0	182.6





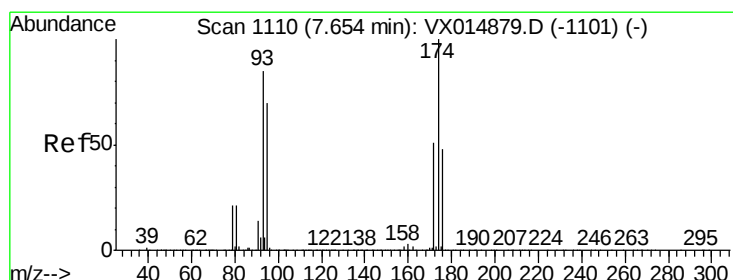
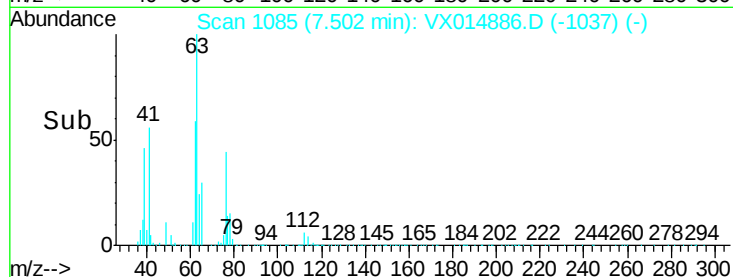
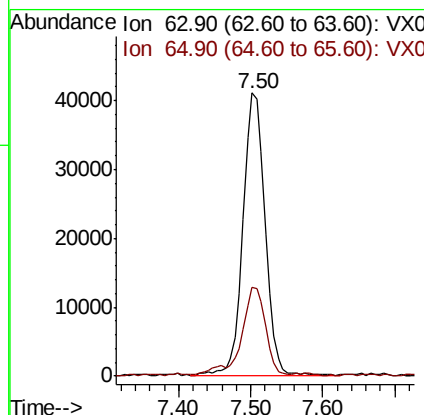
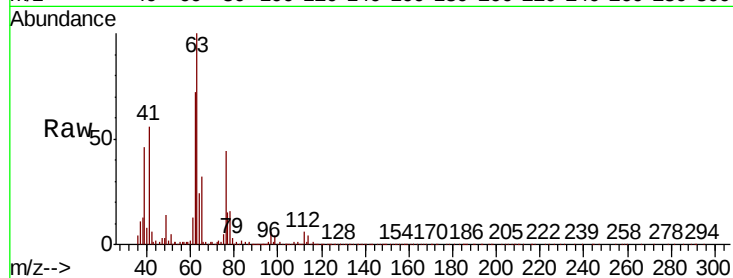
#45
 1,2-Dichloropropane
 Concen: 19.233 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.9	37.3

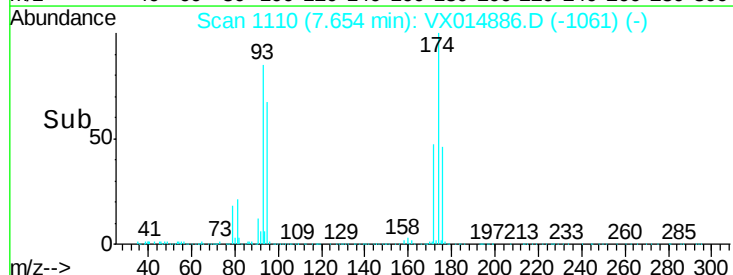
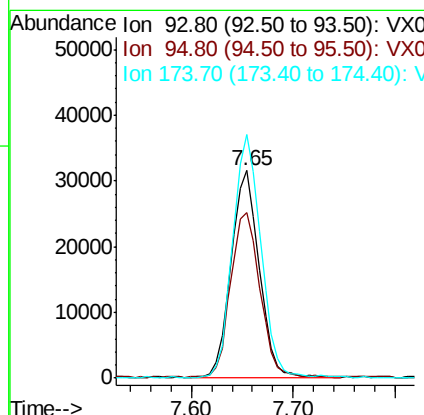
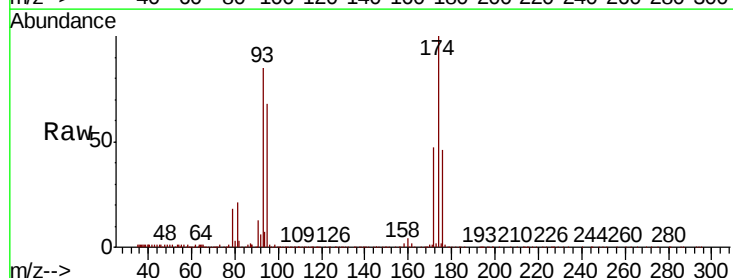
Manual Integrations
 APPROVED

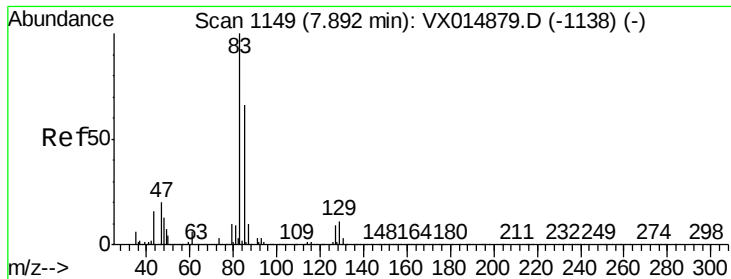
MMDadoda
 2/11/2020 10:35:45 AM



#46
 Dibromomethane
 Concen: 19.394 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.8	98.8
174	119.0	95.4	143.2





#47

Bromodichloromethane

Concen: 18.788 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

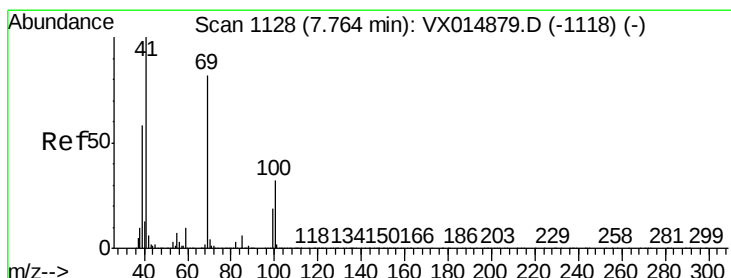
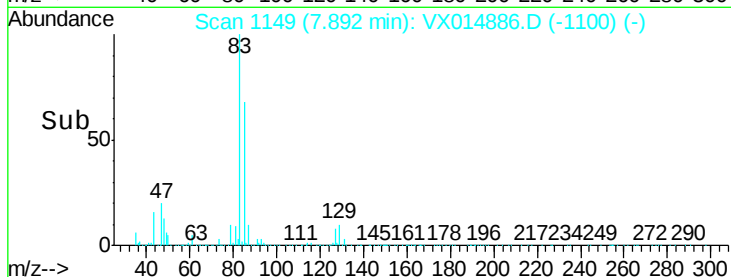
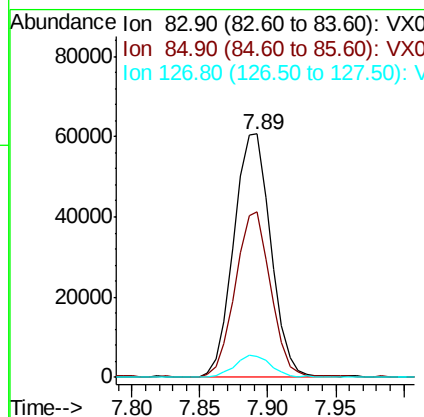
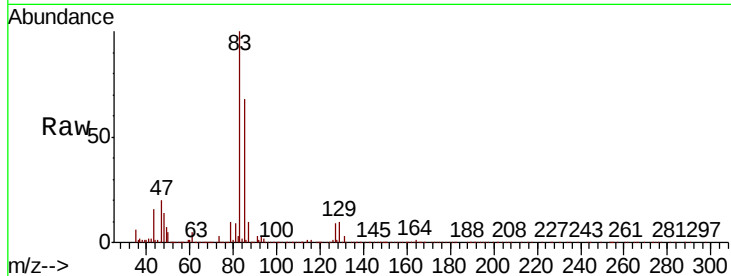
ClientSampleId :

VX0210MBS01

Tot Ion:	83	Resp:	114847
Ion Ratio	Lower	Upper	
83	100		
85	67.8	52.5	78.7
127	8.4	7.4	11.0

Manual Integrations
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MMDadoda
2/11/2020 10:35:45 AM



#48

Methyl methacrylate

Concen: 19.890 ug/l

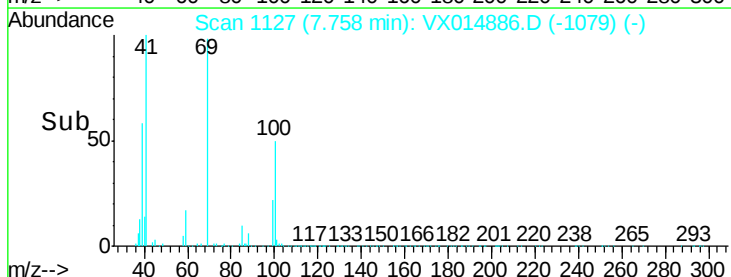
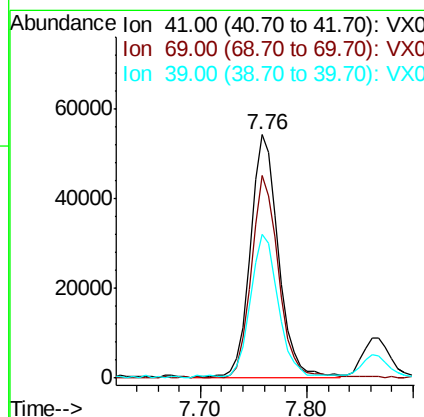
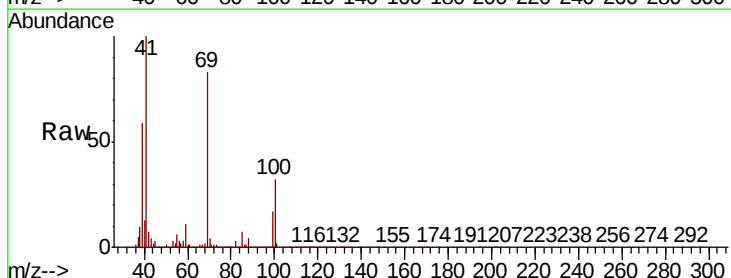
RT: 7.76 min Scan# 1127

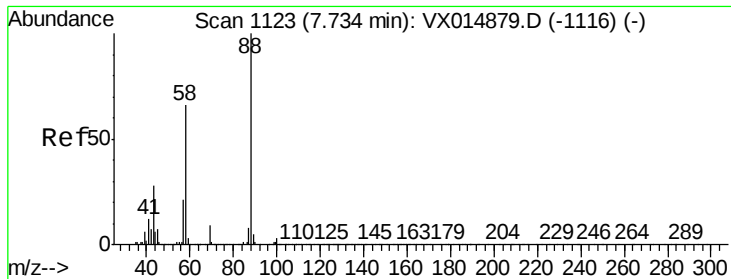
Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	41	Resp:	99688
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.7	98.5
39	57.5	45.8	68.8





#49

1,4-Dioxane

Concen: 441.711 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

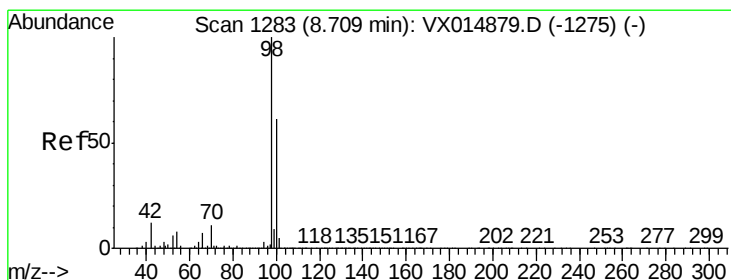
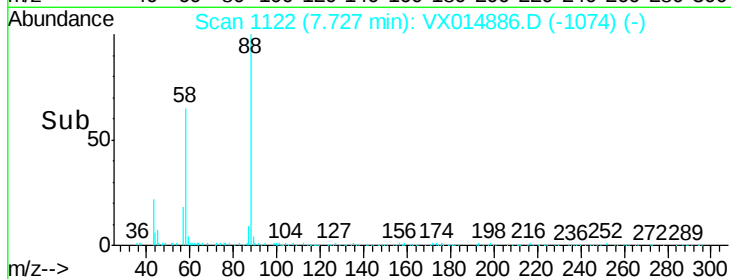
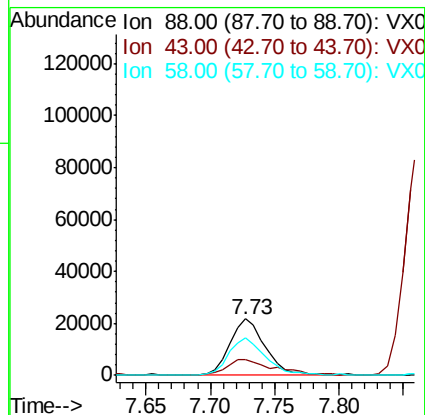
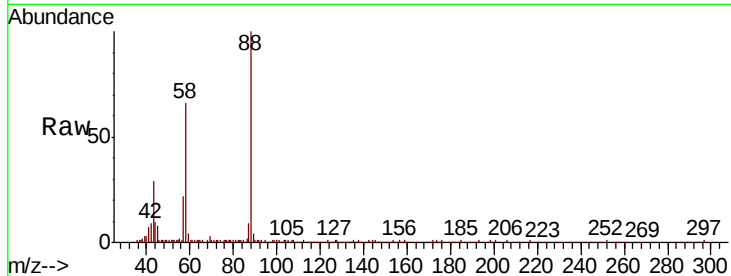
ClientSampleId :

VX0210MBS01

Tot Ion:	88	Resp:	41391
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.0	40.4
58	66.4	53.2	79.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.311 ug/l

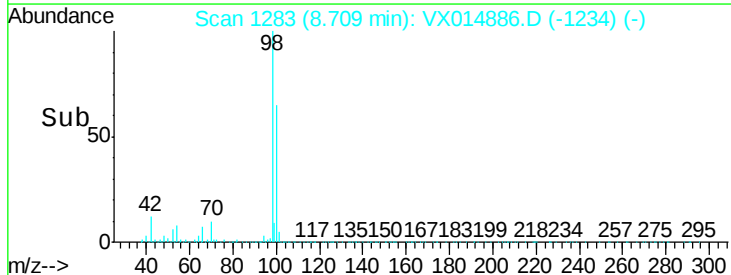
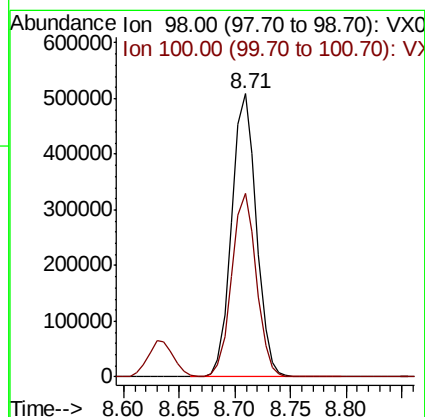
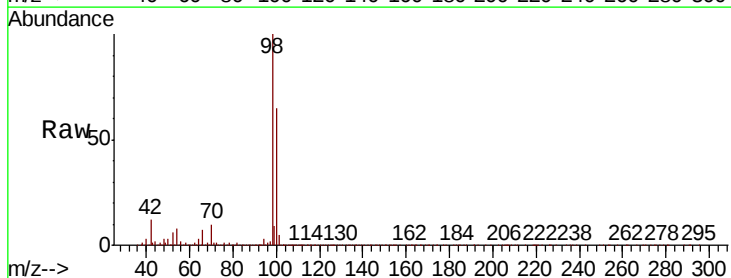
RT: 8.71 min Scan# 1283

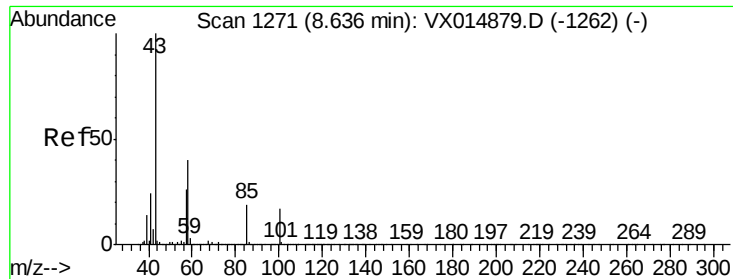
Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	98	Resp:	781212
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6





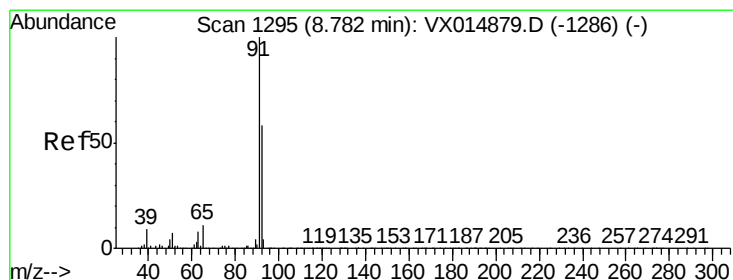
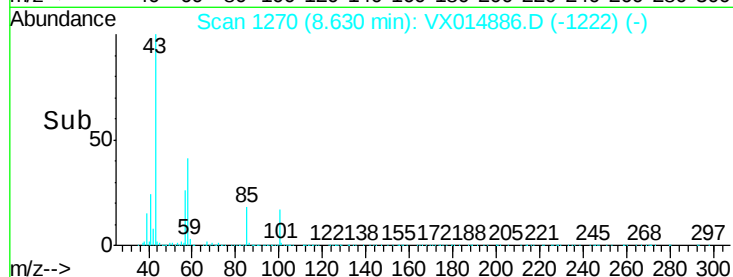
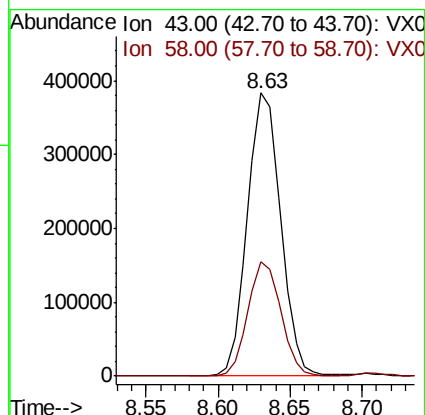
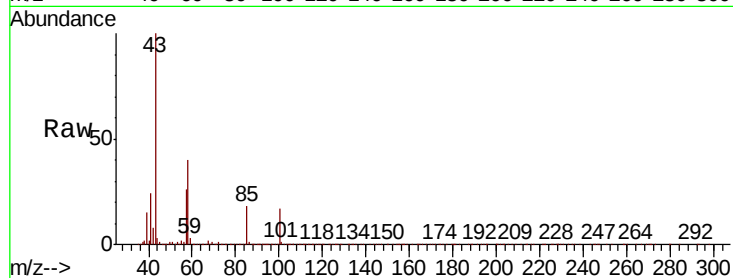
#51
4-Methyl-2-Pentanone
Concen: 99.842 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.9	47.9

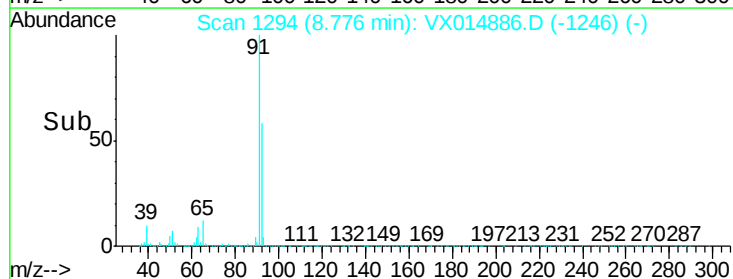
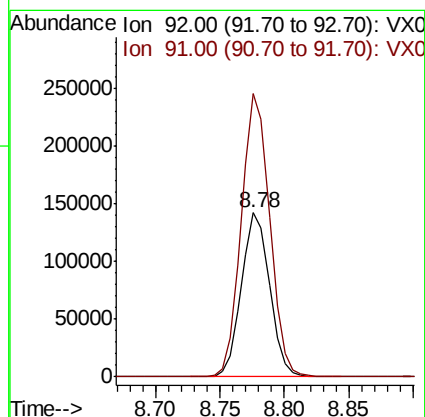
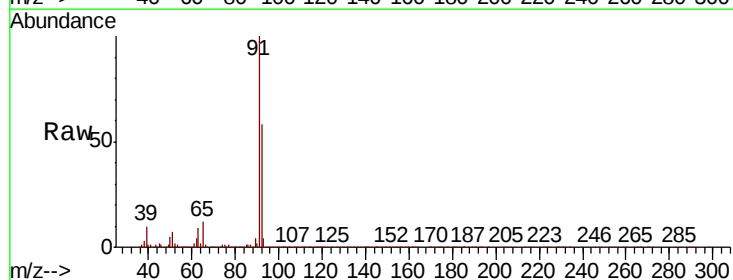
Manual Integrations
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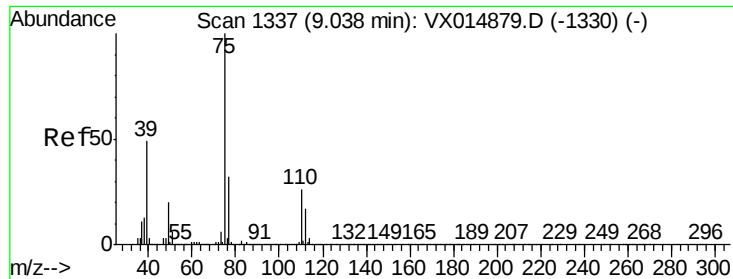
MMDadoda
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#52
Toluene
Concen: 19.104 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	137.0	205.4





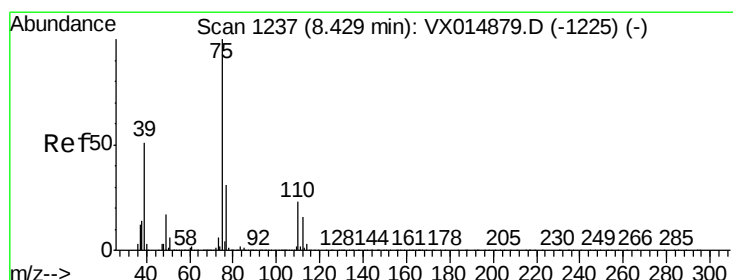
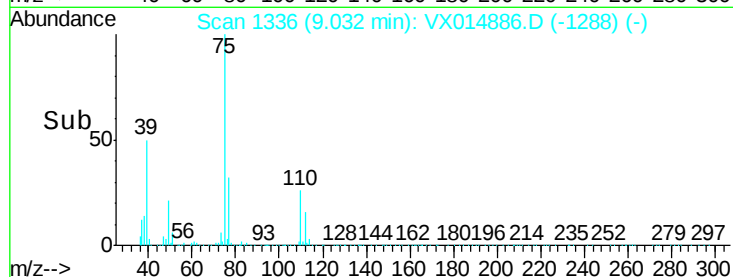
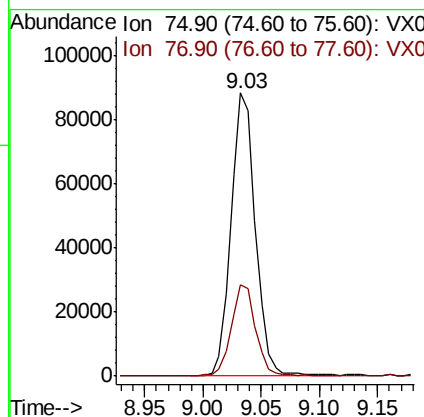
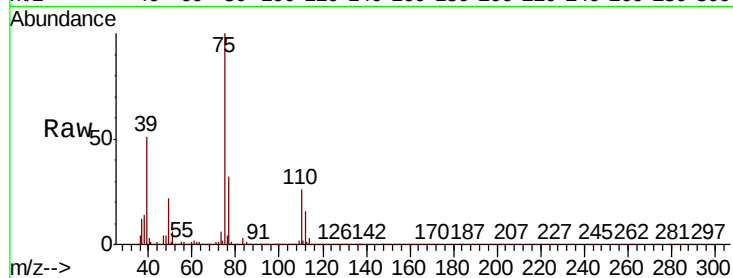
#53
t-1,3-Dichloropropene
Concen: 19.153 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

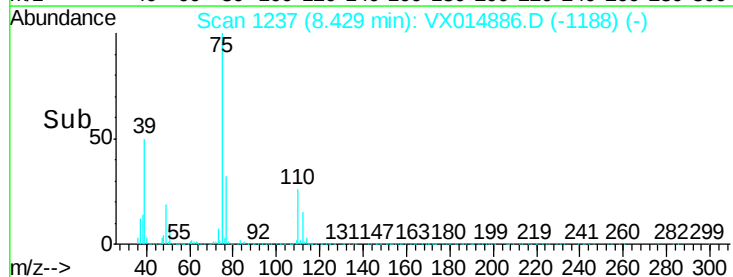
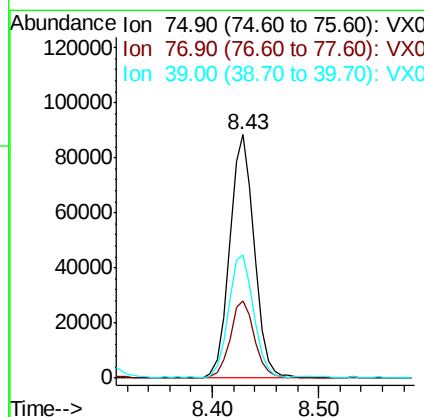
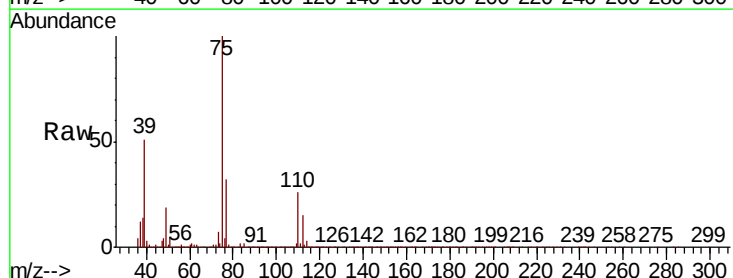
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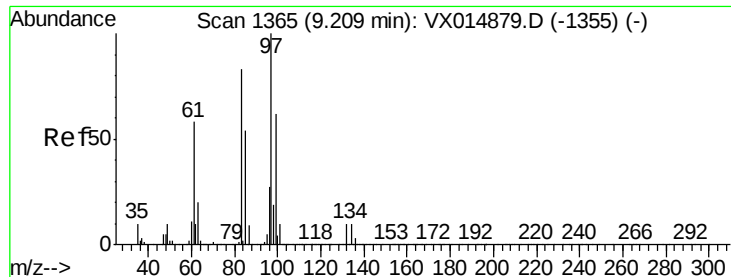
MMDadoda
2/11/2020 10:35:45 AM



#54
cis-1,3-Dichloropropene
Concen: 19.234 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	37.0
39	50.2	40.9	61.3





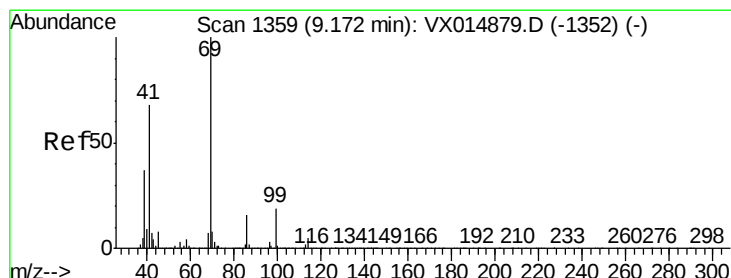
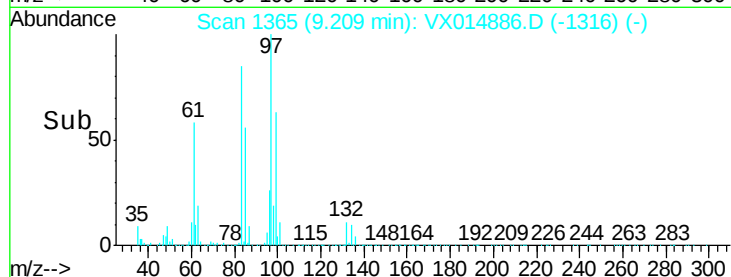
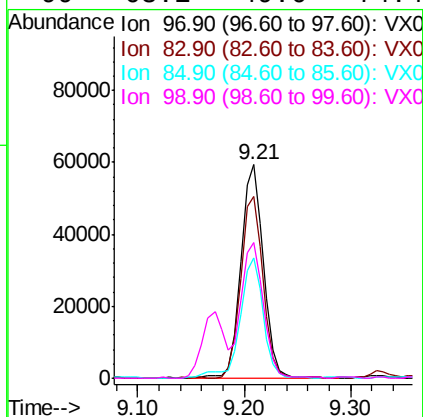
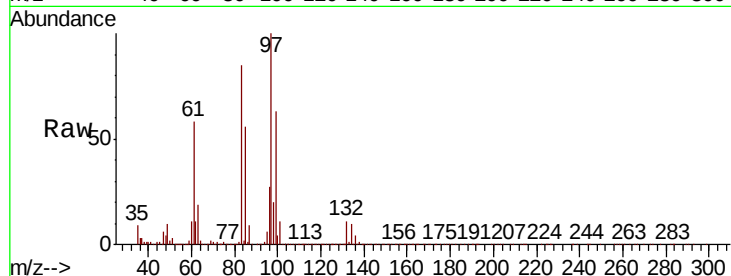
#55
 1,1,2-Trichloroethane
 Concen: 19.138 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.6	99.8
85	55.9	43.5	65.3
99	63.1	49.6	74.4

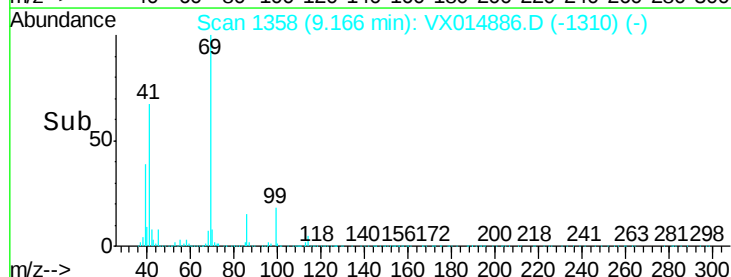
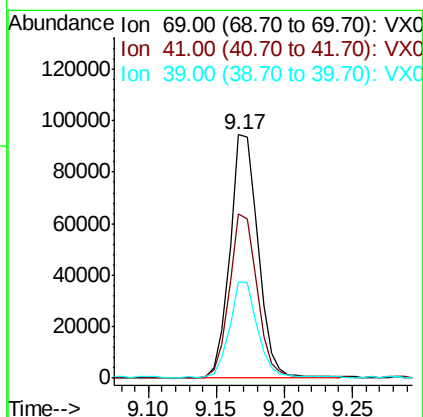
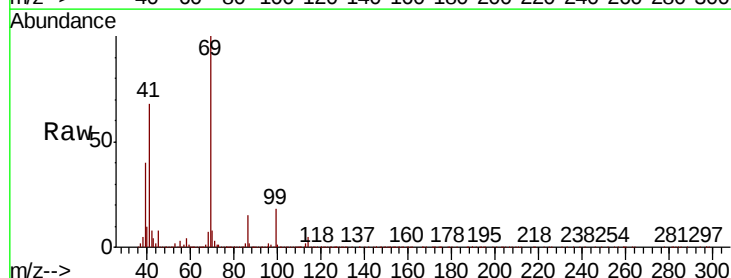
Manual Integrations
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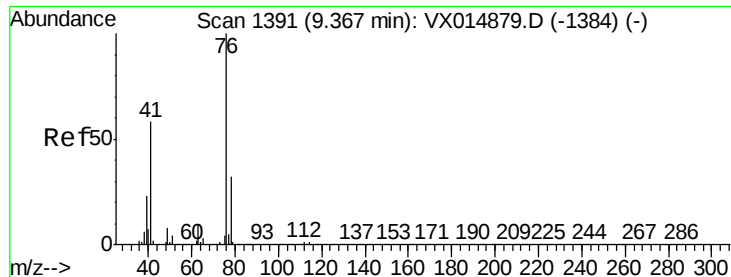
MMDadoda
 2/11/2020 10:35:45 AM



#56
 Ethyl methacrylate
 Concen: 19.840 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	39.0	29.9	44.9





#57

1,3-Dichloropropane

Concen: 19.412 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion: 76 Resp: 148501

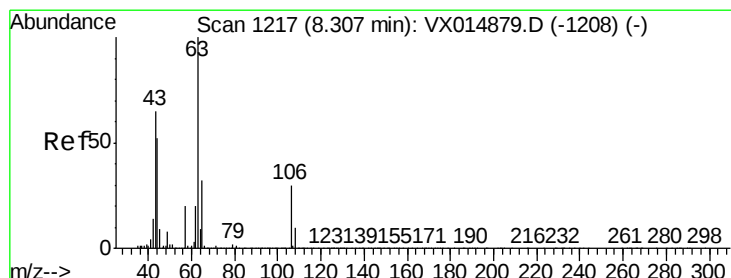
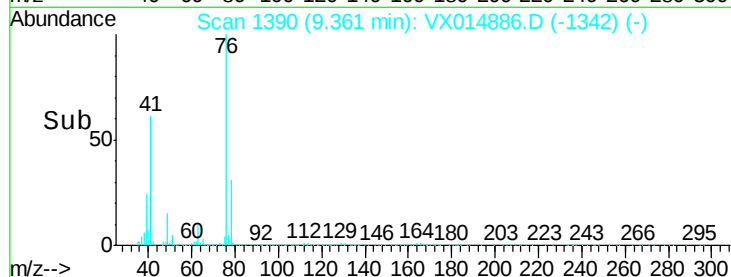
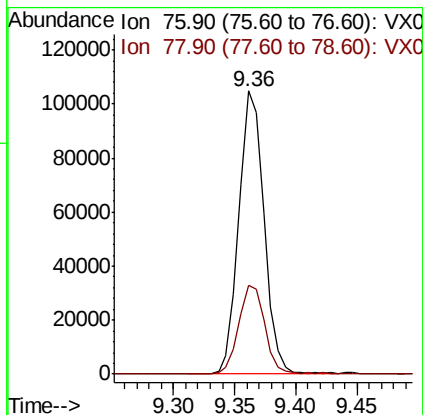
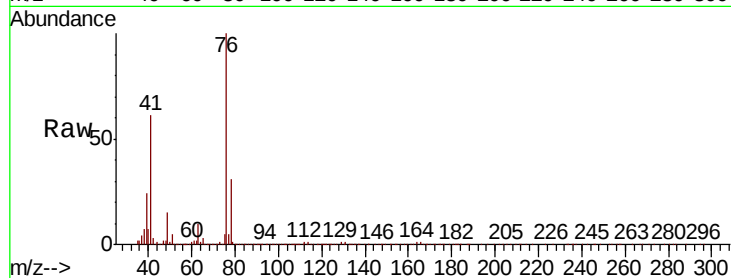
Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.110 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014886.D

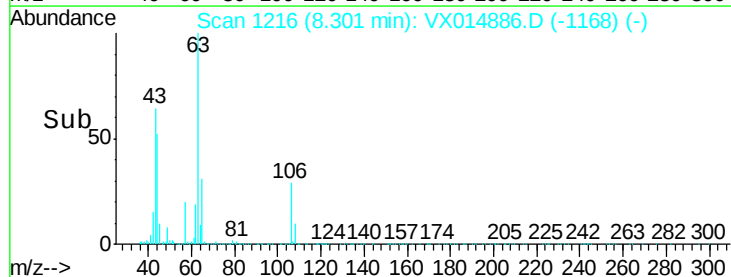
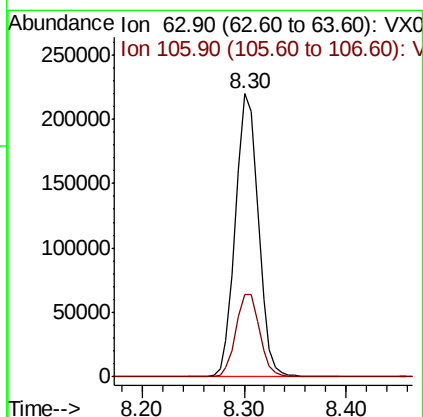
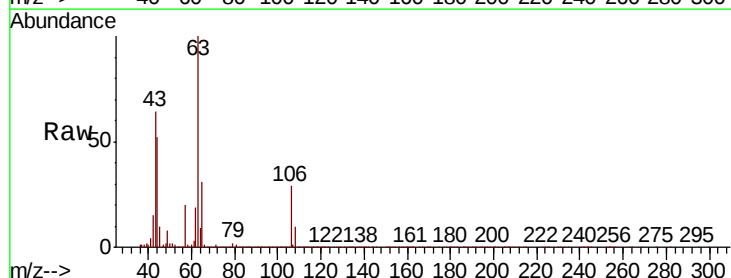
Acq: 10 Feb 2020 14:31

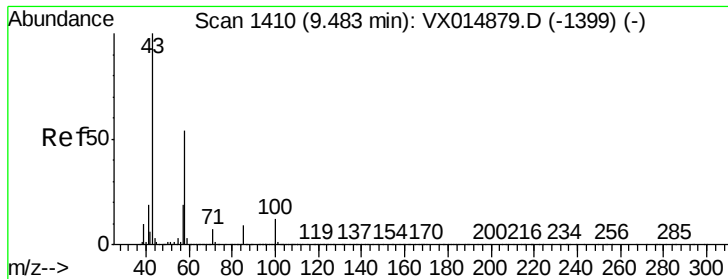
Tgt Ion: 63 Resp: 339765

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8





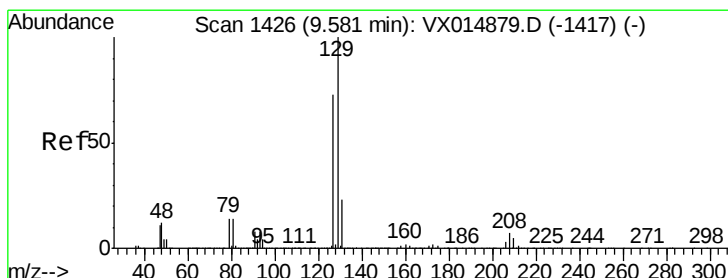
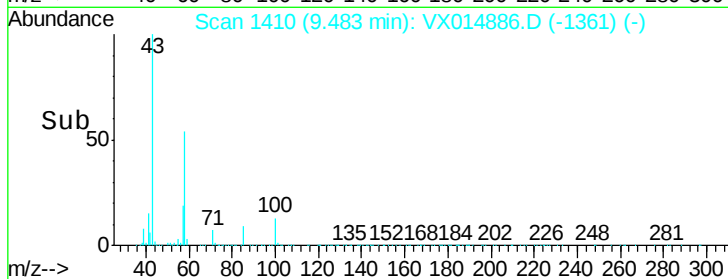
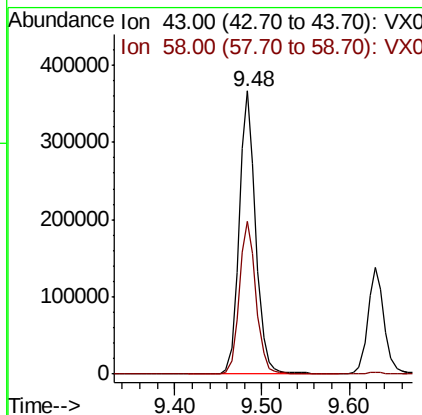
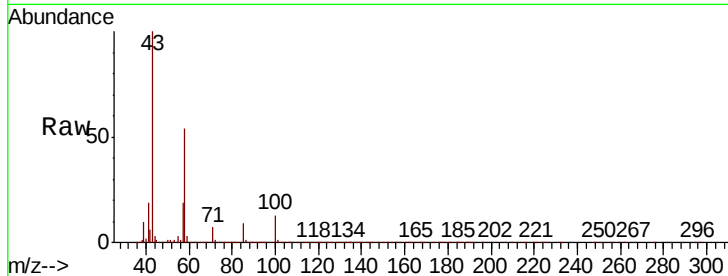
#59
2-Hexanone
Concen: 100.026 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion: 43 Resp: 483468
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.5

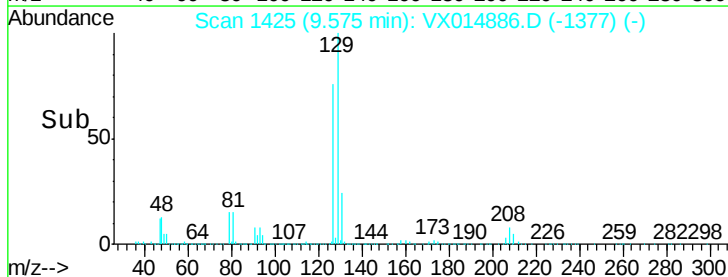
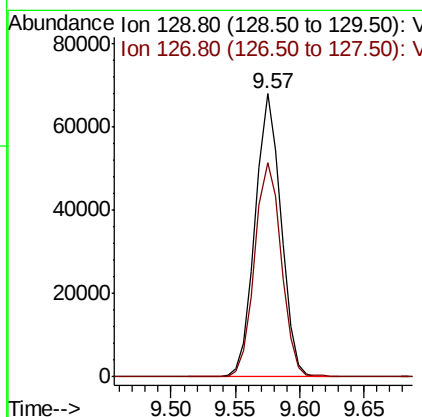
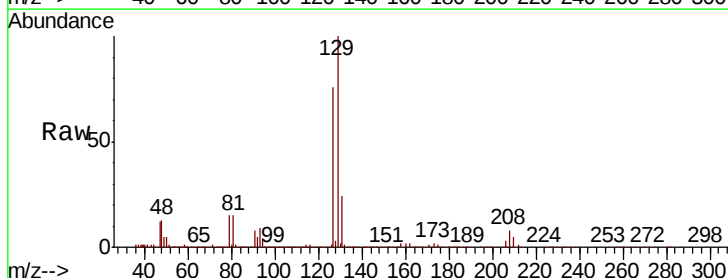
Manual Integrations
APPROVED

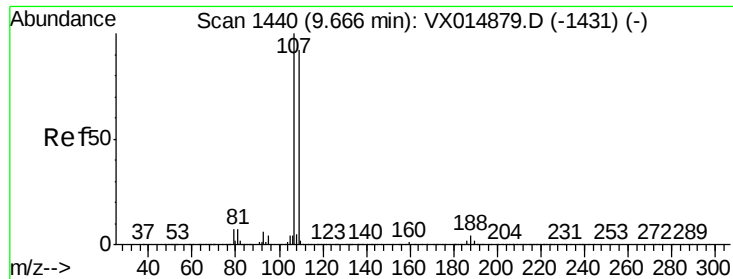
MMDadoda
2/11/2020 10:35:45 AM



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 129 Resp: 93753
Ion Ratio Lower Upper
129 100
127 78.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.223 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion:107 Resp: 94258

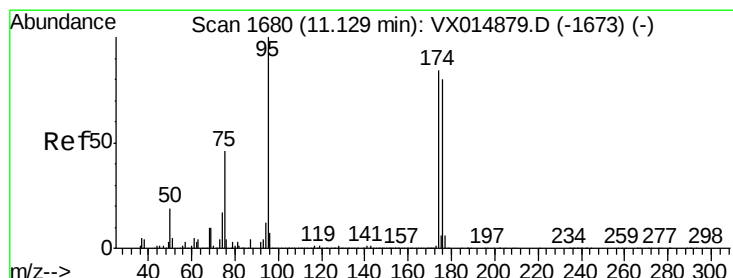
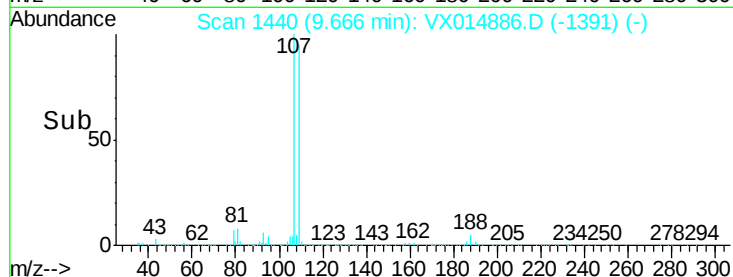
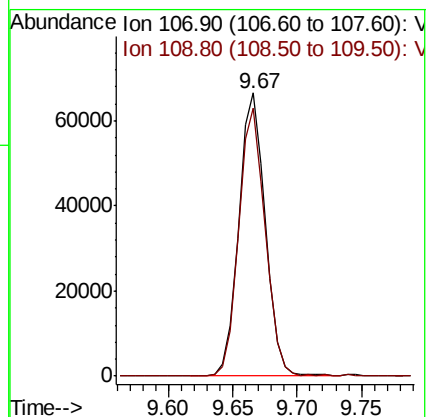
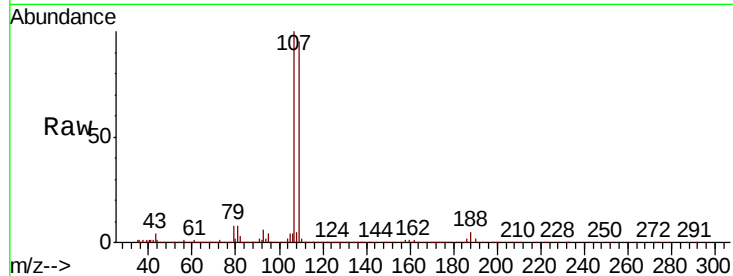
Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#62

4-Bromofluorobenzene

Concen: 50.653 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

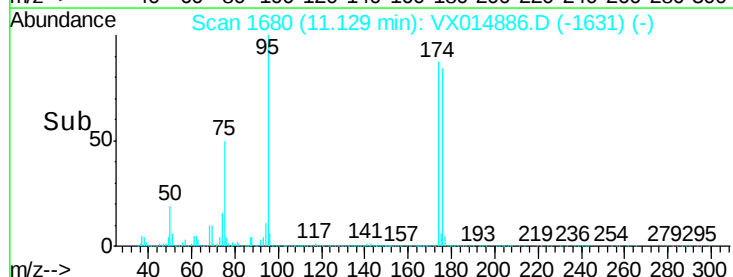
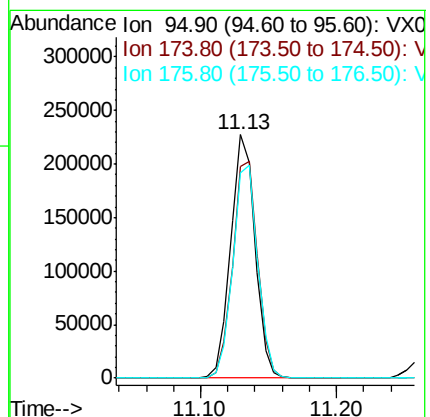
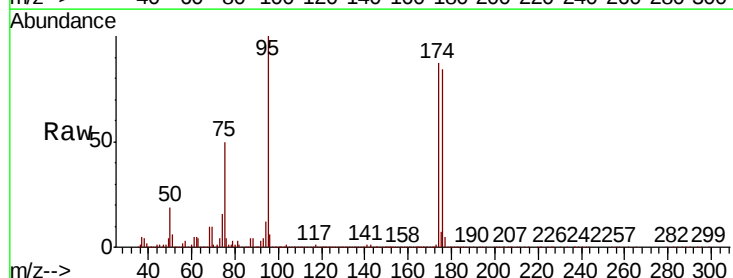
Tgt Ion: 95 Resp: 283327

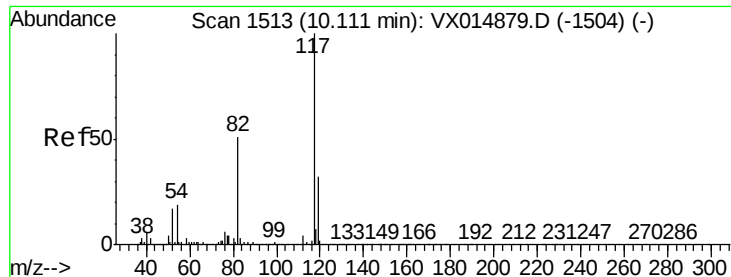
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.0

176 89.6 0.0 178.0





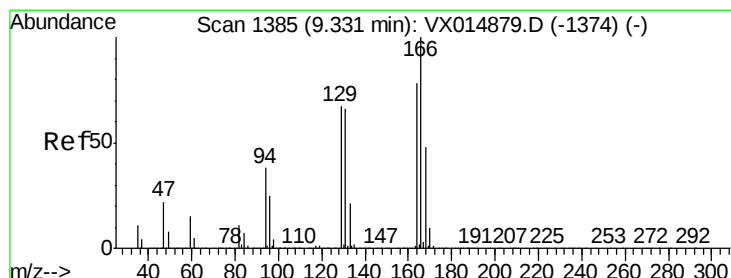
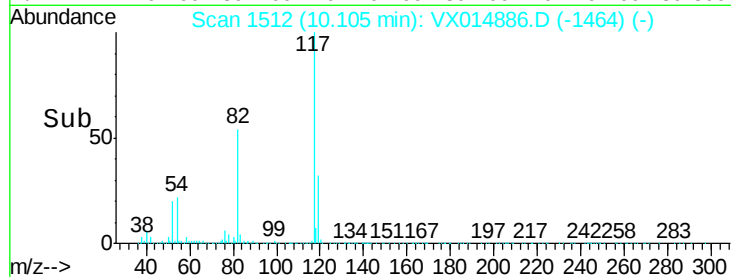
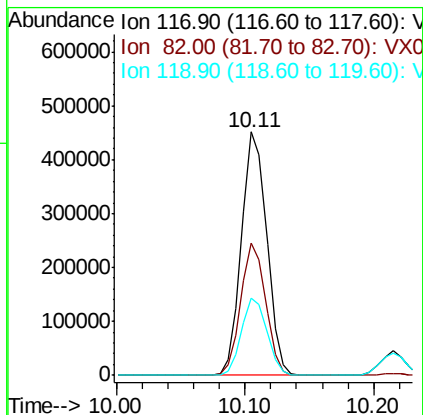
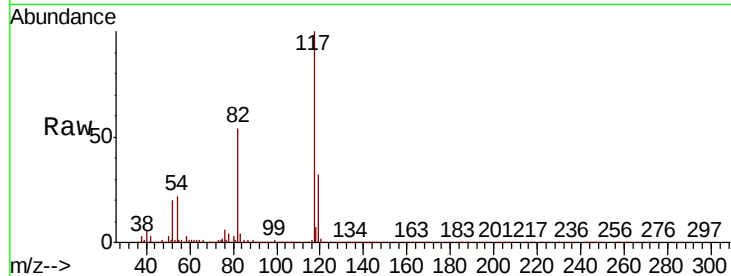
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	613961		
82	54.3		40.5	60.7
119	31.7		25.8	38.6

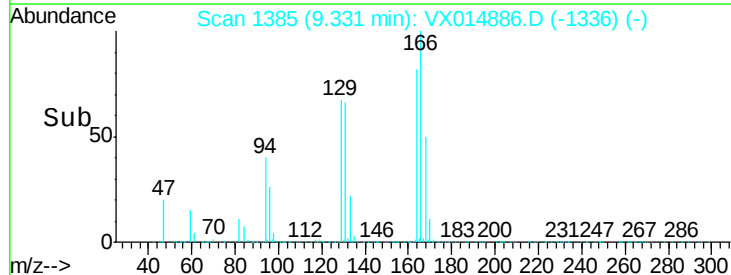
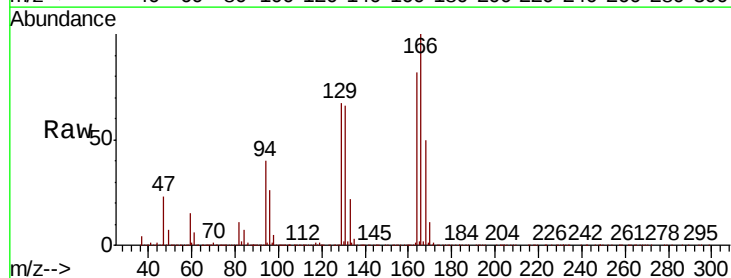
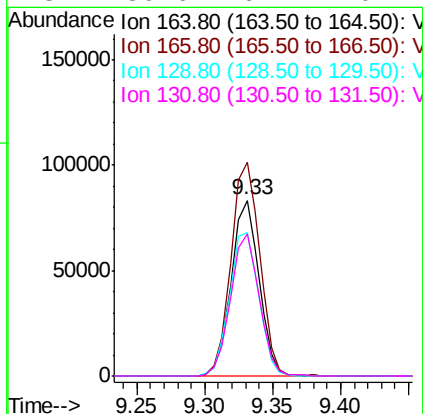
Manual Integrations
APPROVED

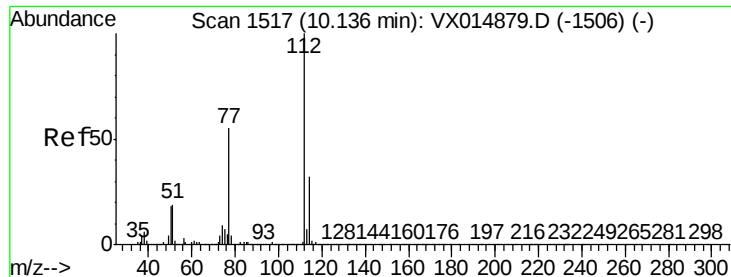
MMDadoda
2/11/2020 10:35:45 AM



#64
Tetrachloroethene
Concen: 20.757 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119152		
166	121.6		102.6	153.8
129	81.5		68.3	102.5
131	80.6		67.4	101.2





#65

Chlorobenzene

Concen: 19.384 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion:112 Resp: 241388

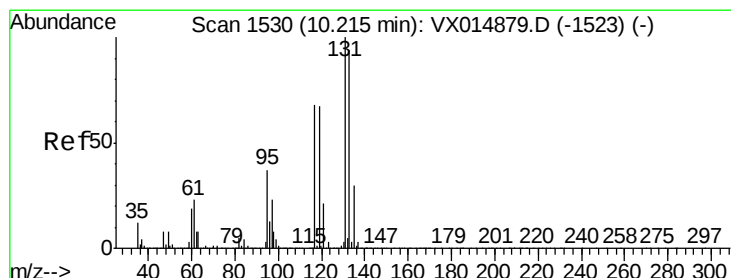
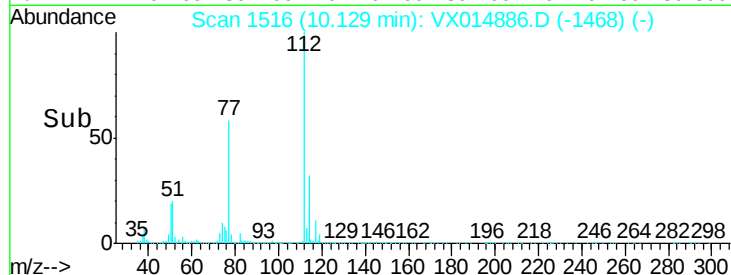
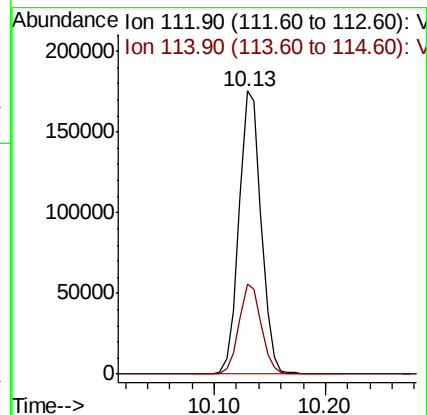
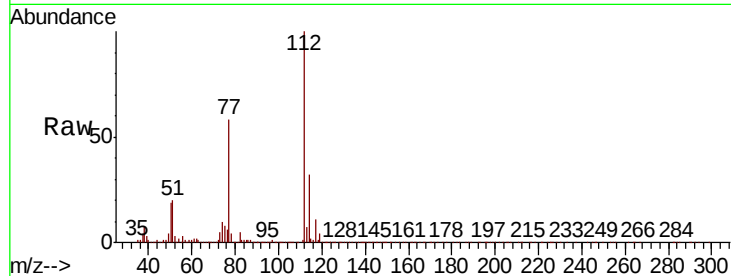
Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.433 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

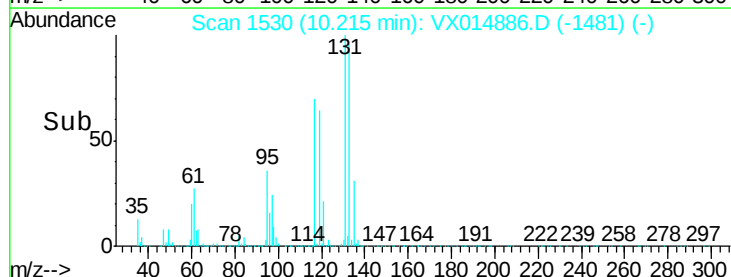
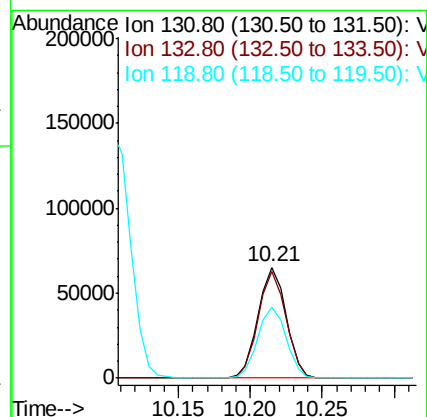
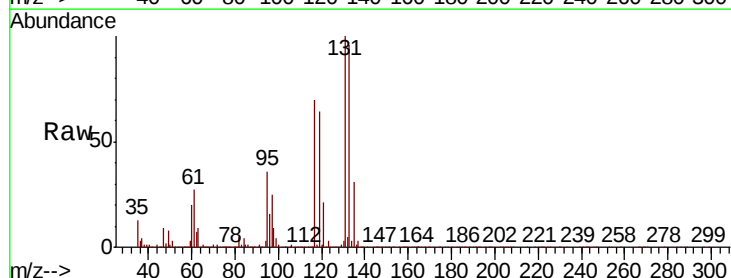
Tgt Ion:131 Resp: 87853

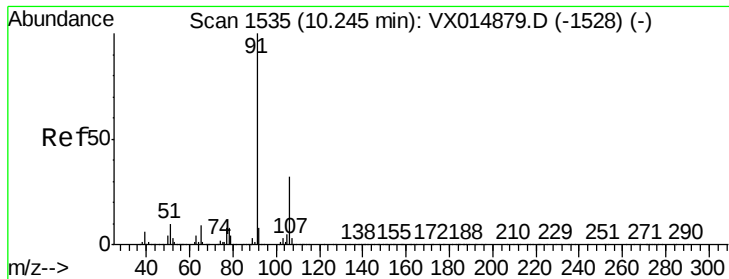
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 64.8 33.0 99.0





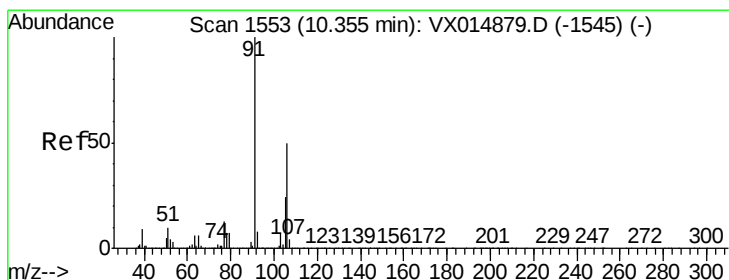
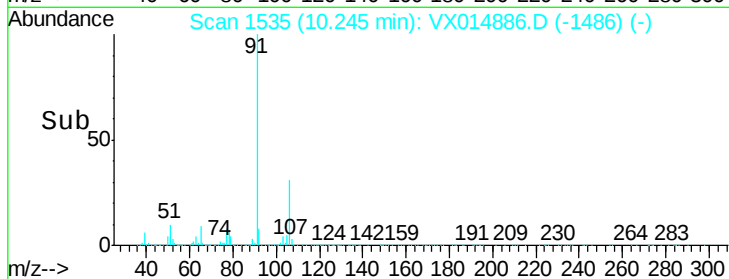
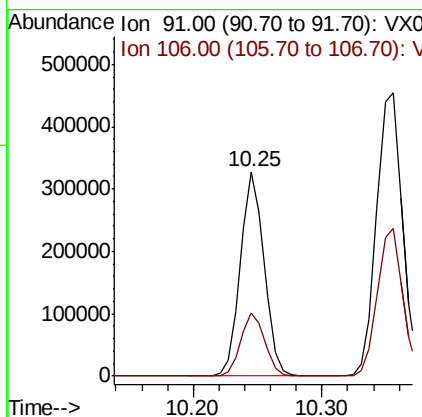
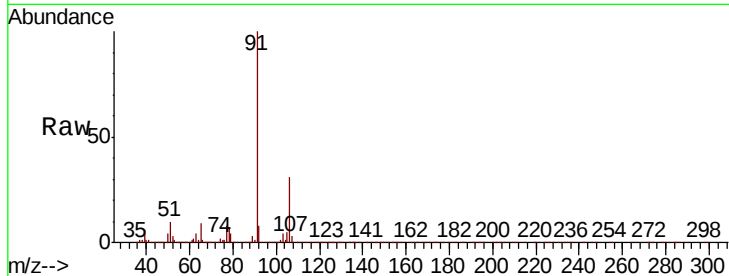
#67
Ethyl Benzene
Concen: 19.704 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampled :
VX0210MBS01

Tot Ion: 91 Resp: 417307
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

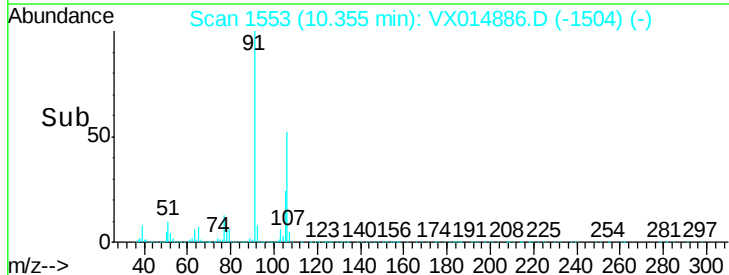
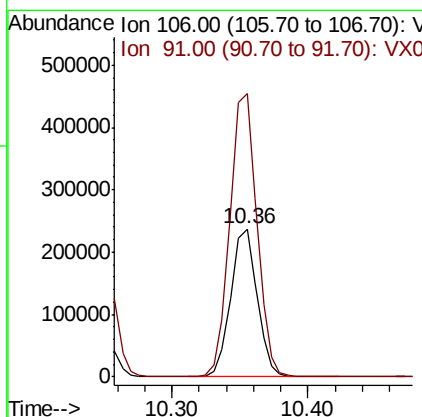
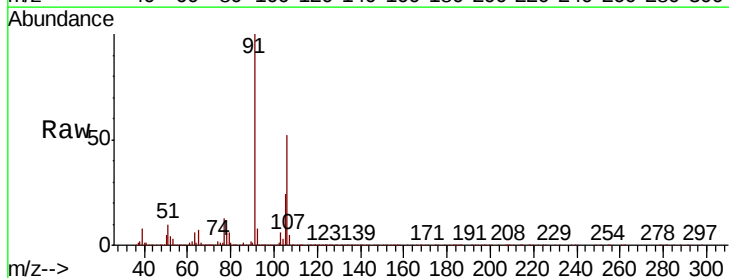
Manual Integrations
APPROVED

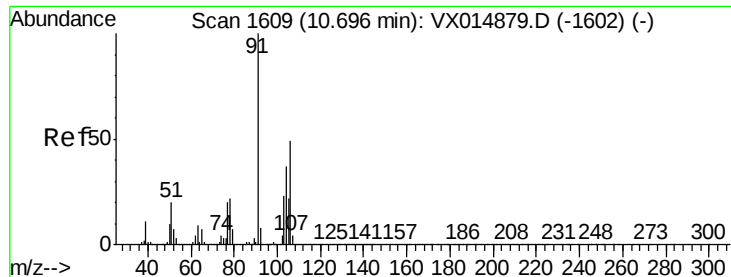
MMDadoda
2/11/2020 10:35:45 AM



#68
m/p-Xylenes
Concen: 39.273 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 106 Resp: 320408
Ion Ratio Lower Upper
106 100
91 196.4 160.6 240.8





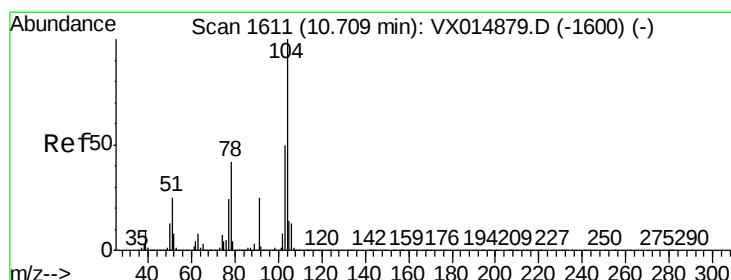
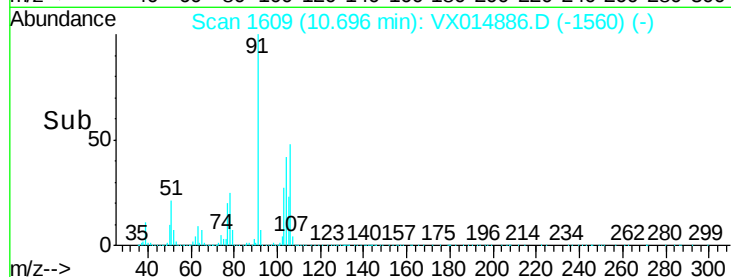
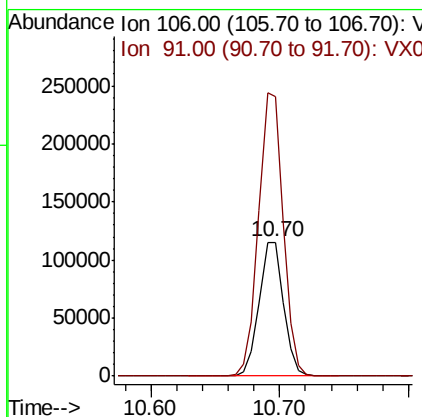
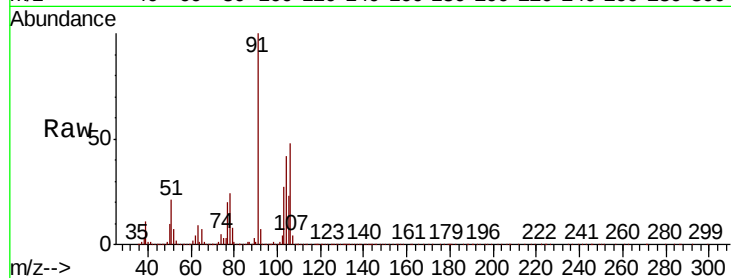
#69
o-Xylene
Concen: 19.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	150520		
91	212.8	105.1	315.3	

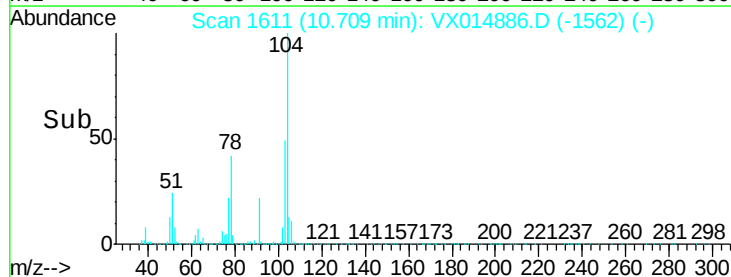
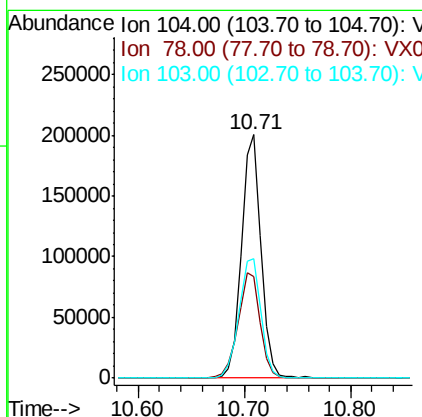
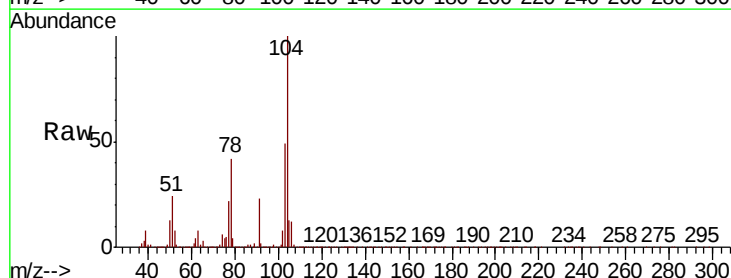
Manual Integrations
APPROVED

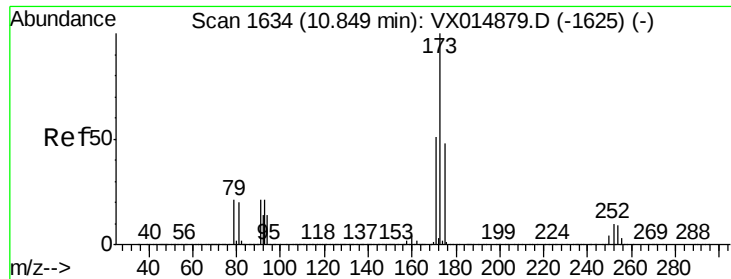
MMDadoda
2/11/2020 10:35:45 AM



#70
Styrene
Concen: 19.448 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	258029		
78	48.7	39.0	58.4	
103	55.6	43.4	65.0	





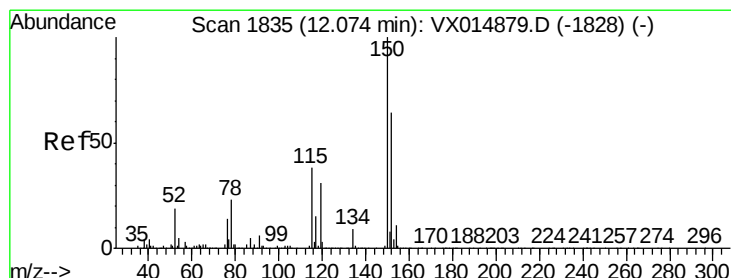
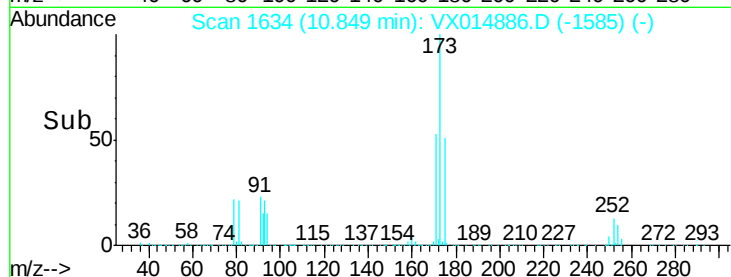
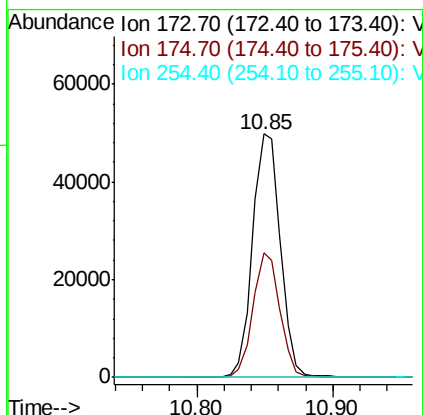
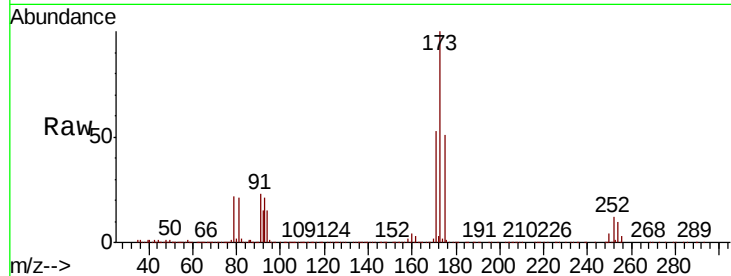
#71
Bromoform
Concen: 19.051 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.0	0.2	0.2

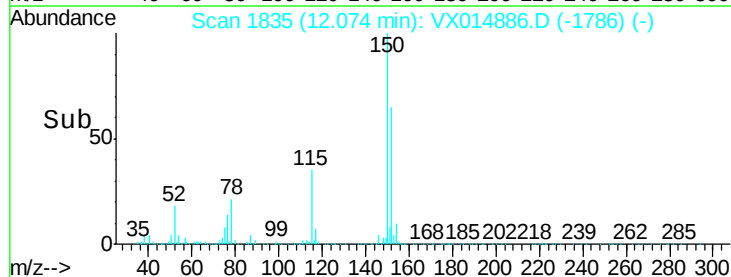
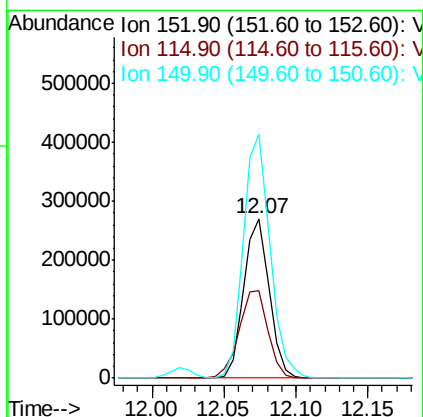
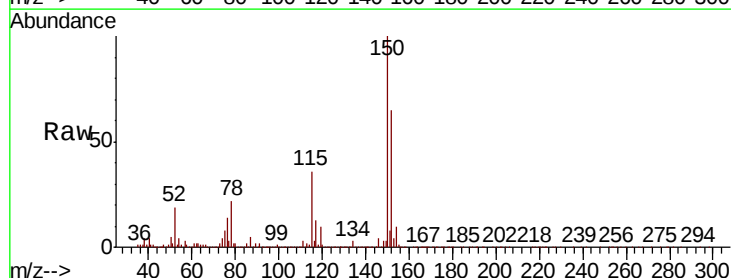
Manual Integrations
APPROVED

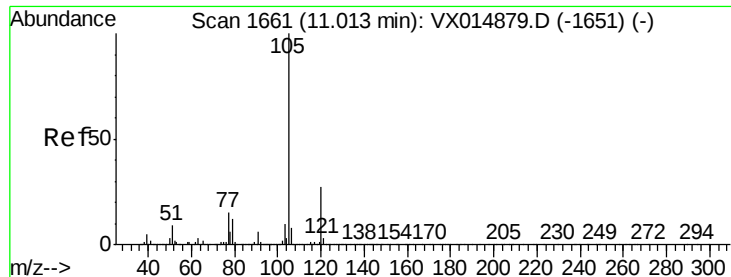
MMDadoda
2/11/2020 10:35:45 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	38.6	116.0
150	160.6	0.0	349.0





#73

Isopropylbenzene

Concen: 19.592 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion:105 Resp: 406716

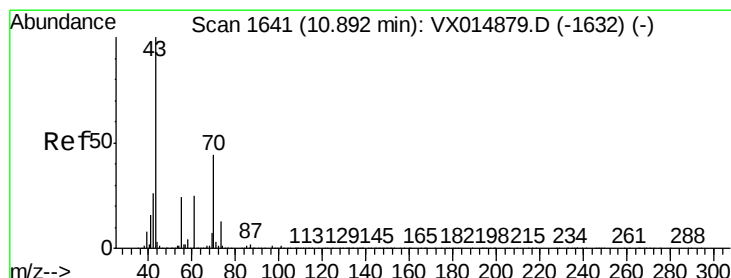
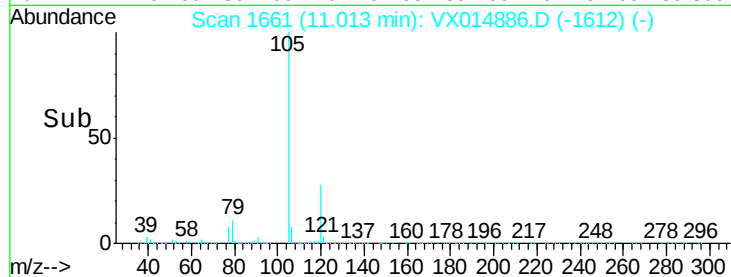
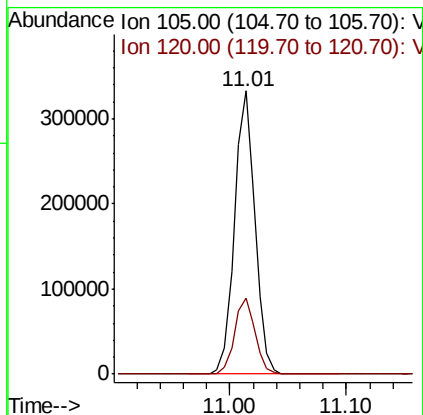
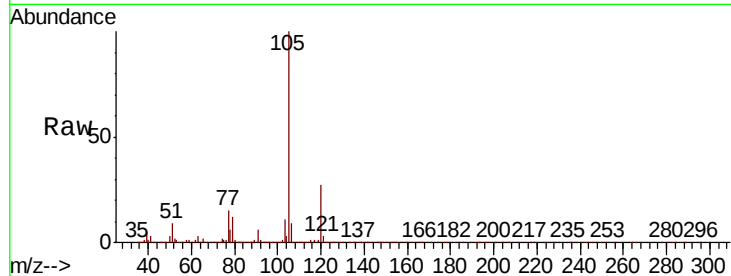
Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#74

N-ethyl acetate

Concen: 19.573 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion: 43 Resp: 168831

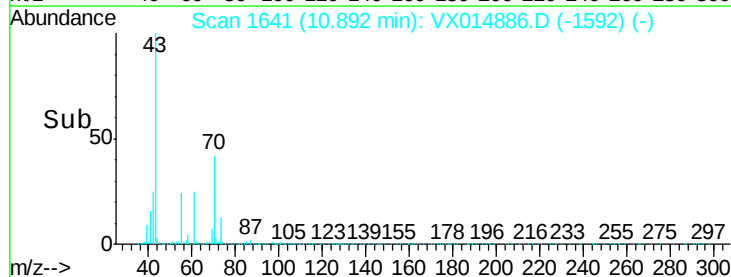
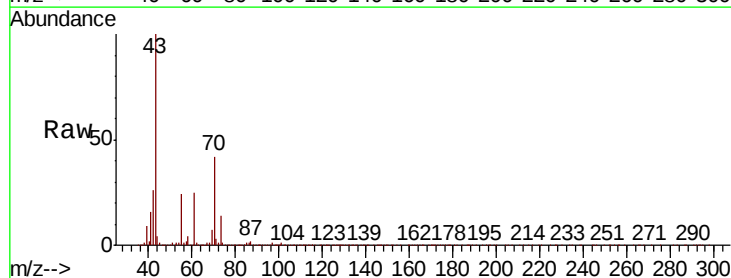
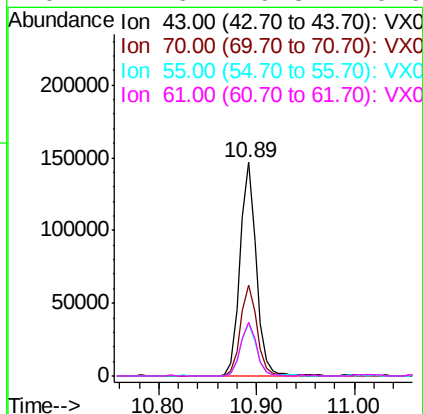
Ion Ratio Lower Upper

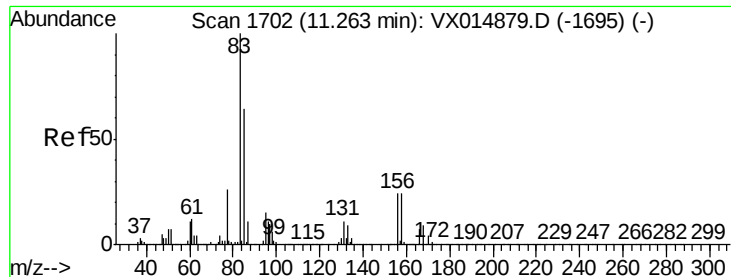
43 100

70 42.7 35.0 52.4

55 24.4 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.178 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

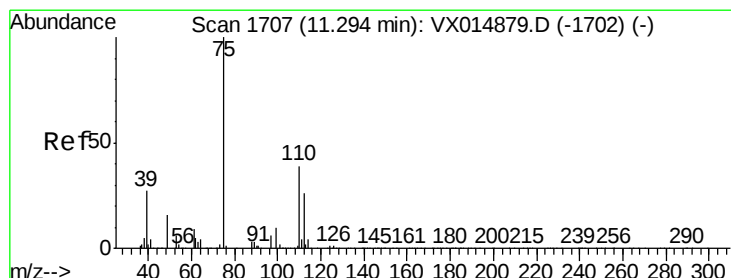
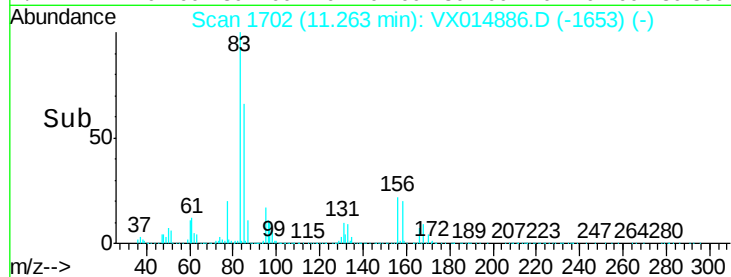
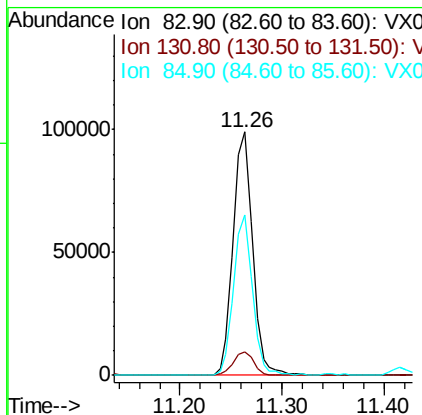
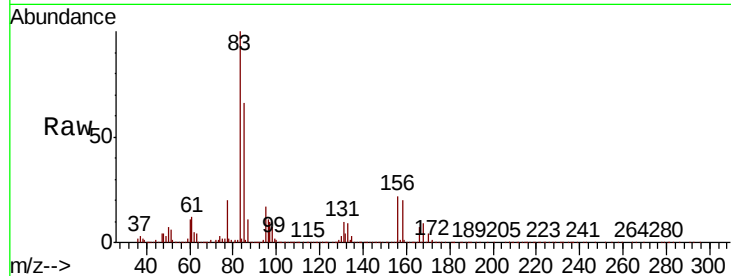
ClientSampled :

VX0210MBS01

Tot Ion:	83	Resp:	130145
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.3	16.1
85	63.9	32.6	97.7

Manual Integrations
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MMDadoda
2/11/2020 10:35:45 AM



#76

1,2,3-Trichloropropane

Concen: 19.032 ug/l m

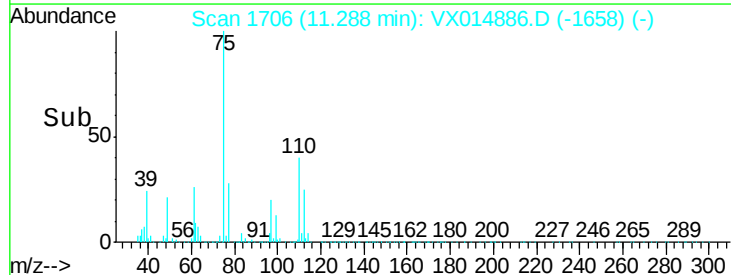
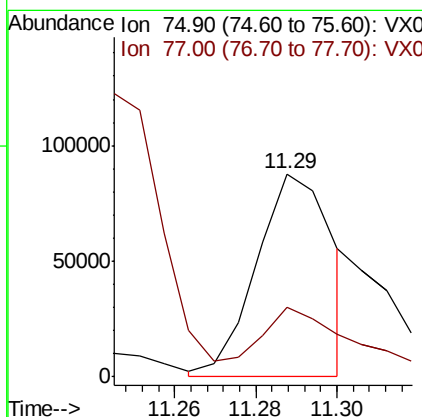
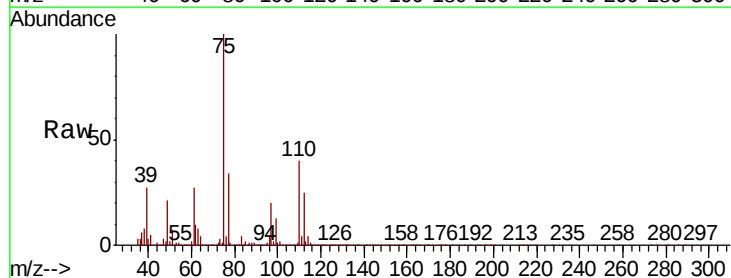
RT: 11.29 min Scan# 1706

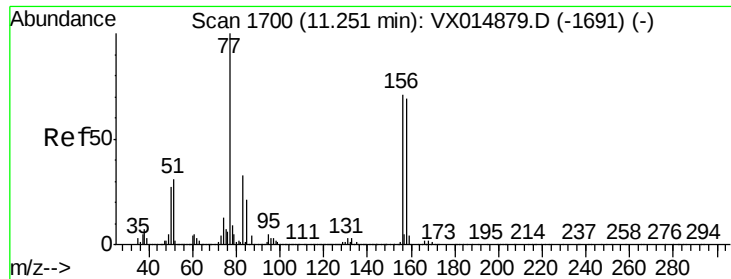
Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	75	Resp:	113927
Ion Ratio		Lower	Upper
75	100		
77	43.0	18.4	55.0





#77

Bromobenzene

Concen: 19.414 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

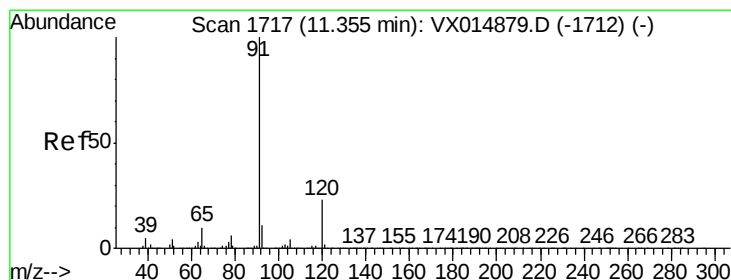
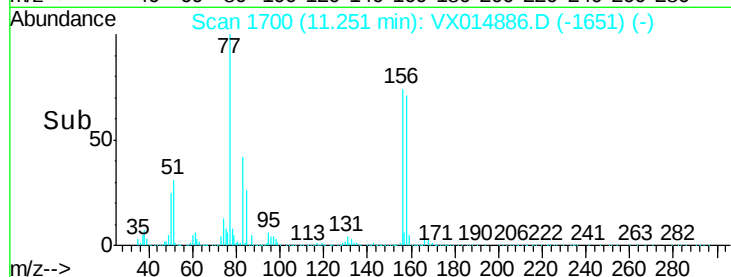
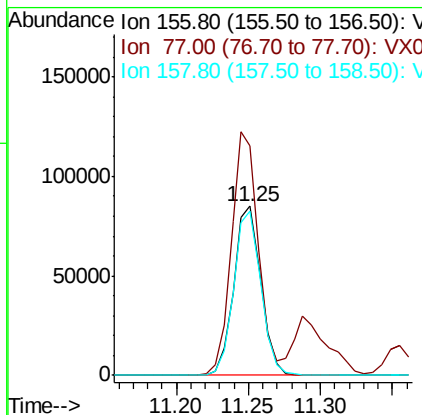
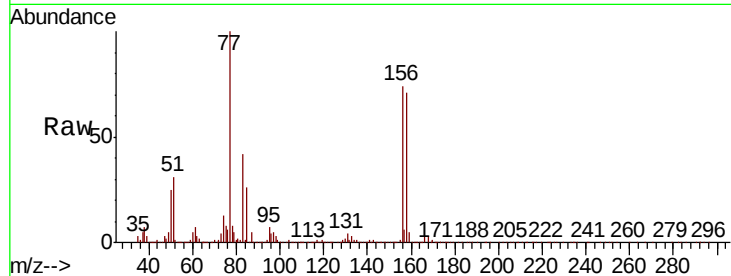
ClientSampleId :

VX0210MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.5	74.0	222.0
158	96.4	48.9	146.6

Manual Integrations
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2/11/2020 10:35:45 AM



#78

n-propylbenzene

Concen: 19.365 ug/l

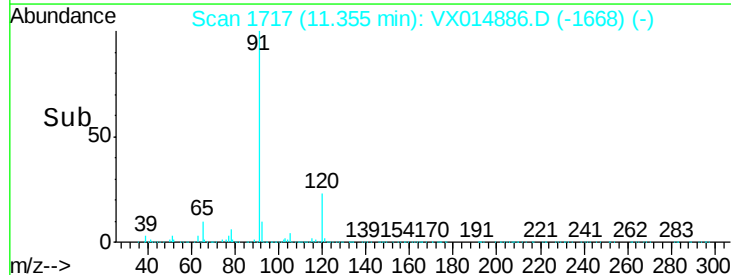
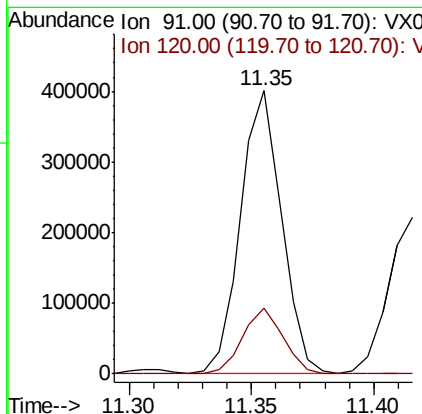
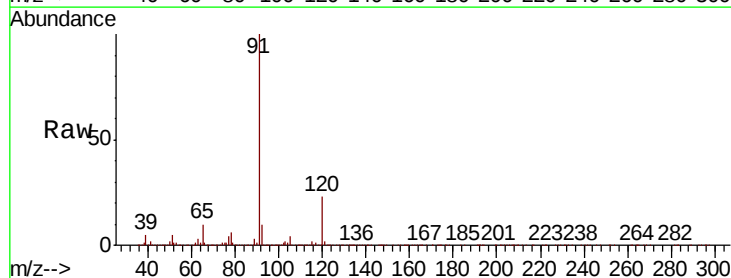
RT: 11.35 min Scan# 1717

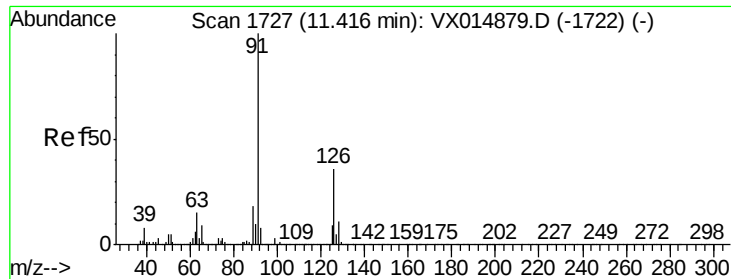
Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.4





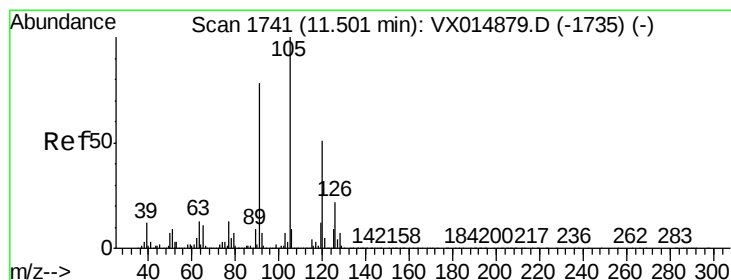
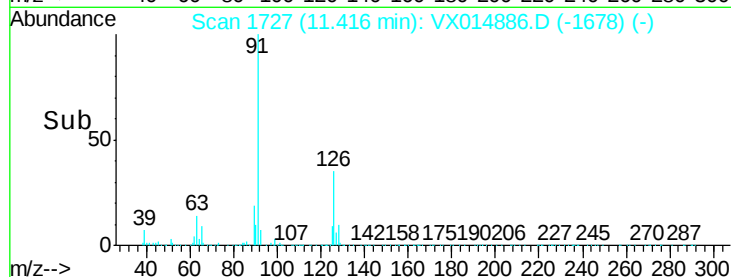
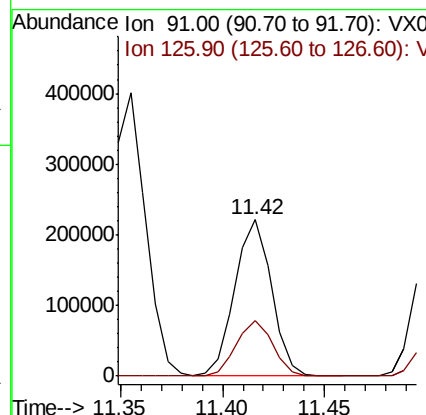
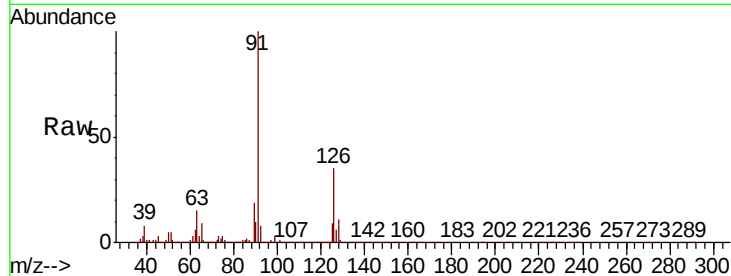
#79
2-Chlorotoluene
Concen: 19.368 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion: 91 Resp: 273388
Ion Ratio Lower Upper
91 100
126 35.9 18.0 54.0

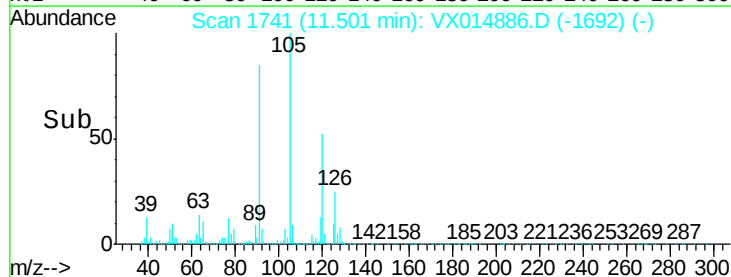
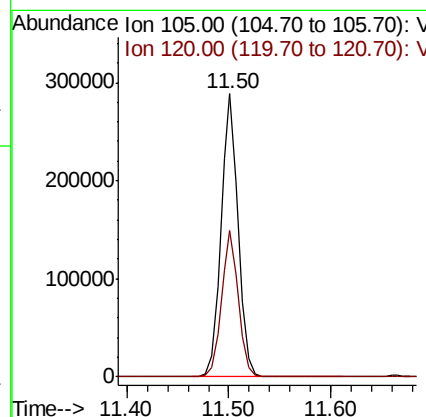
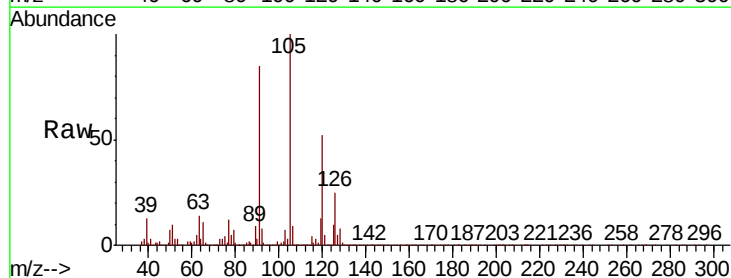
Manual Integrations
APPROVED

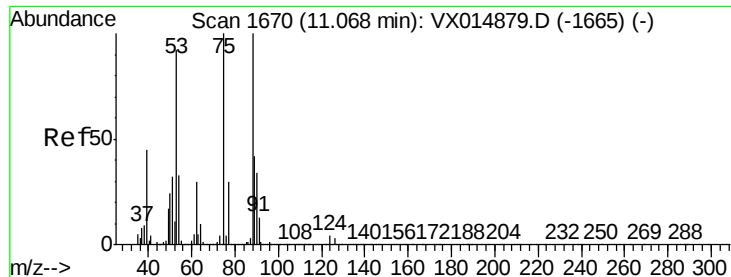
MMDadoda
2/11/2020 10:35:45 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.592 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion: 105 Resp: 339839
Ion Ratio Lower Upper
105 100
120 50.7 25.6 76.6





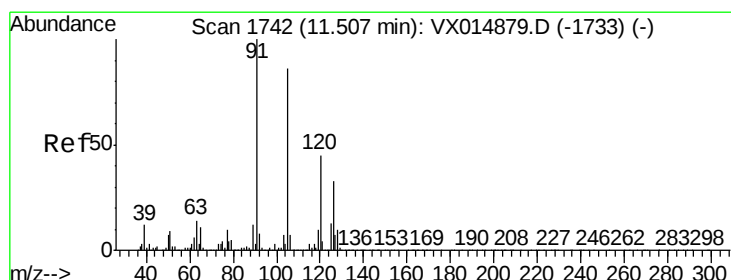
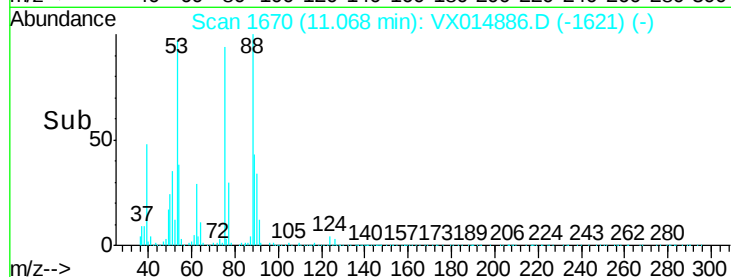
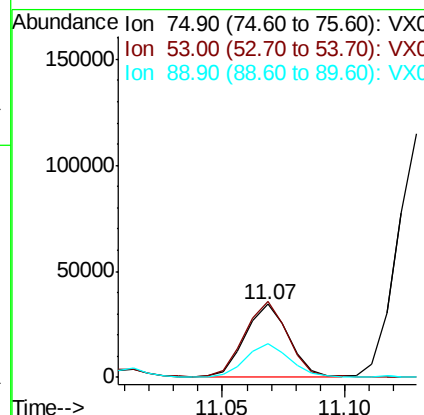
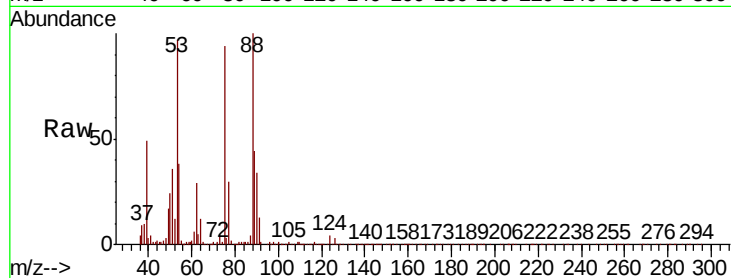
#81
trans-1,4-Dichloro-2-butene
Concen: 18.154 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	76.2	114.2
89	46.1	35.8	53.6

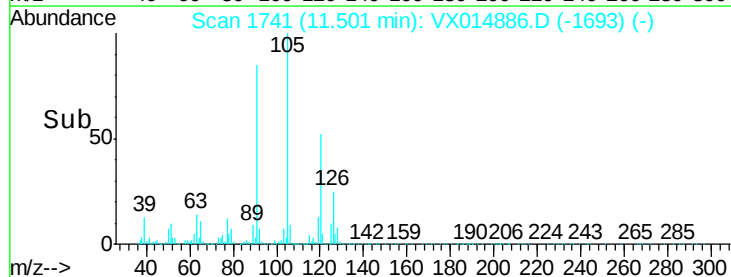
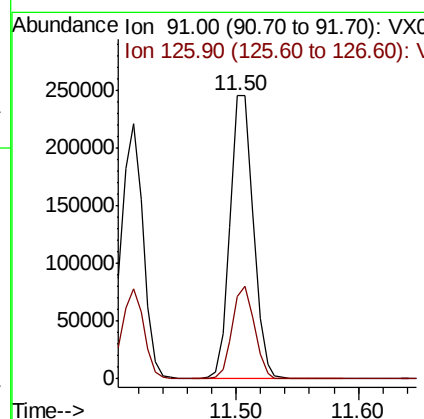
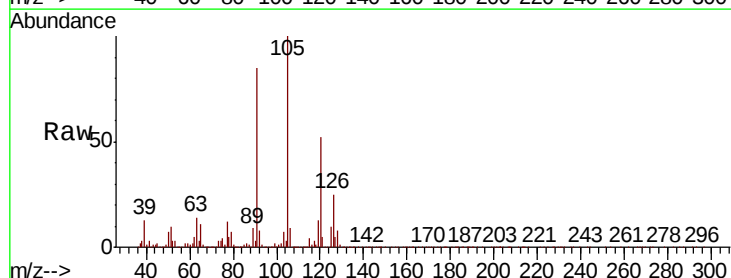
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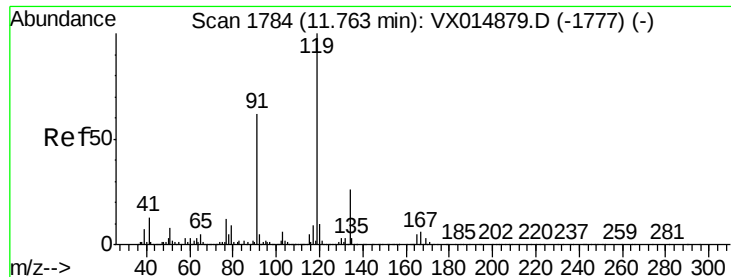
MMDadoda
2/11/2020 10:35:45 AM



#82
4-Chlorotoluene
Concen: 19.323 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.7	47.0





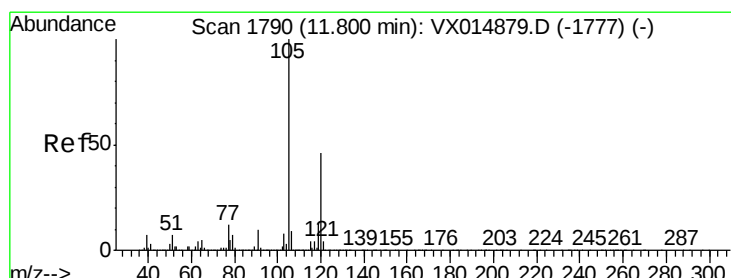
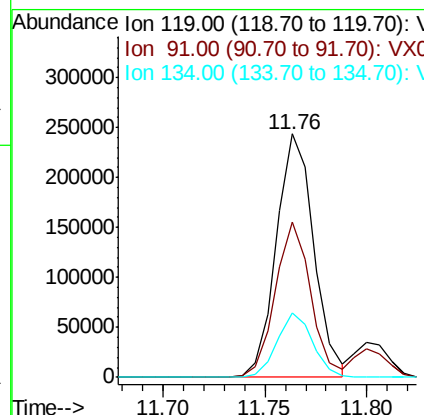
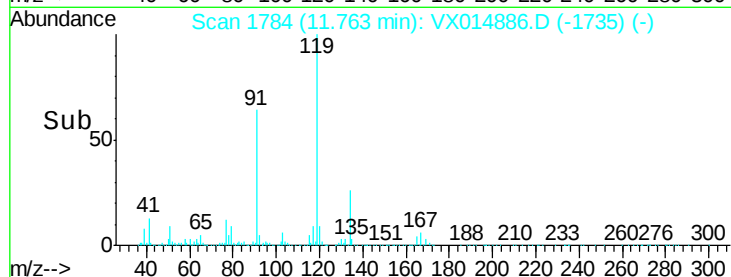
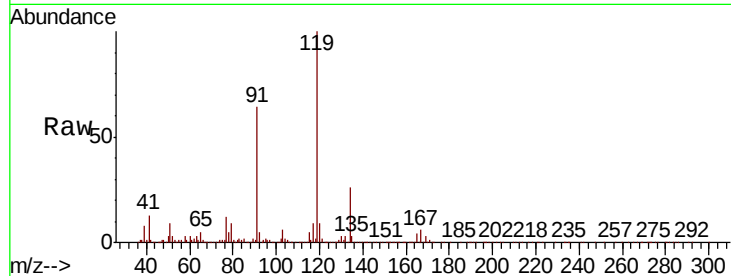
#83
tert-Butylbenzene
Concen: 18.972 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.5	88.6
134	25.1	12.6	37.6

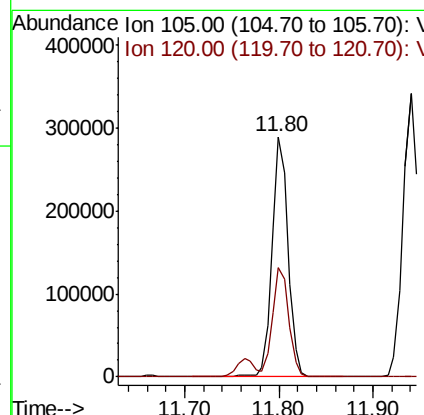
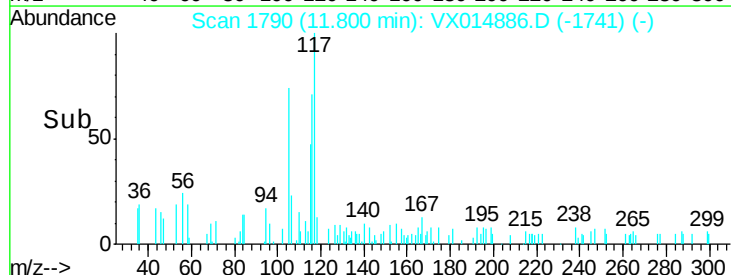
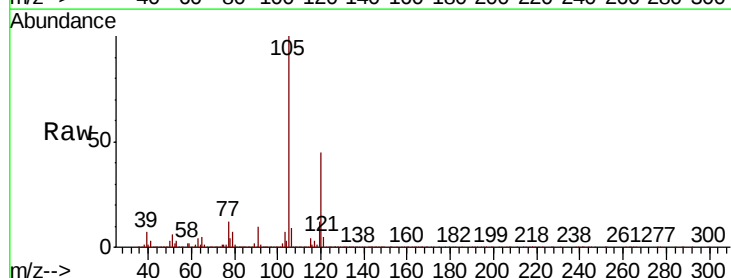
Manual Integrations
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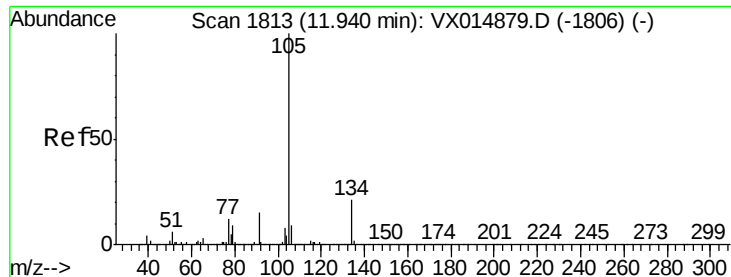
MMDadoda
2/11/2020 10:35:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.811 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.635 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0210MBS01

Tot Ion:105 Resp: 400666

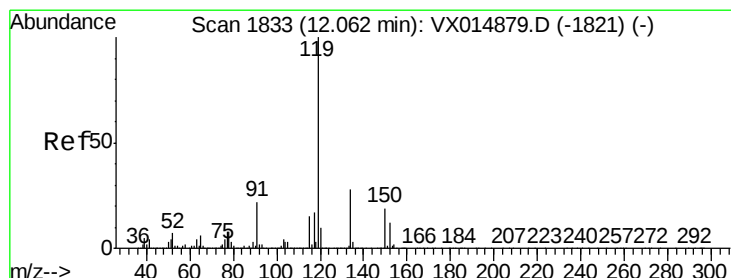
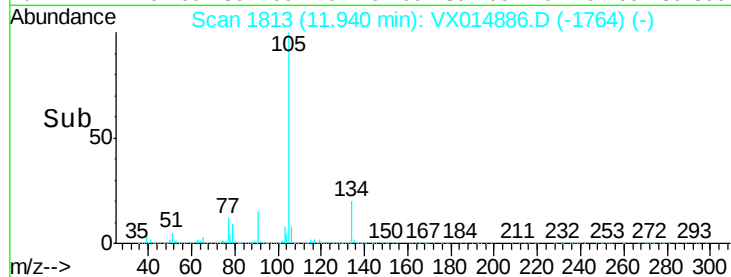
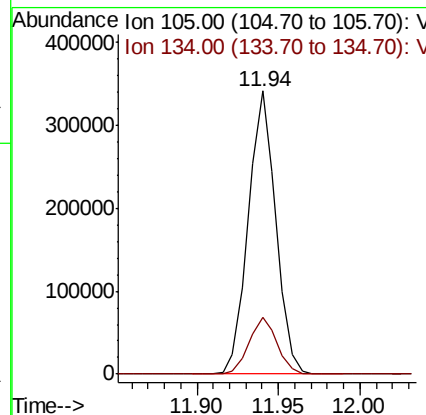
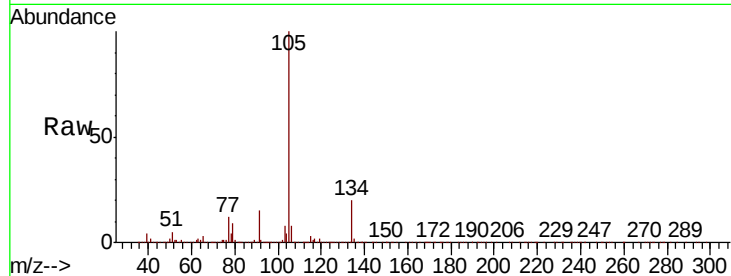
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

Manual Integrations
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2/11/2020 10:35:45 AM



#86

p-Isopropyltoluene

Concen: 19.316 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

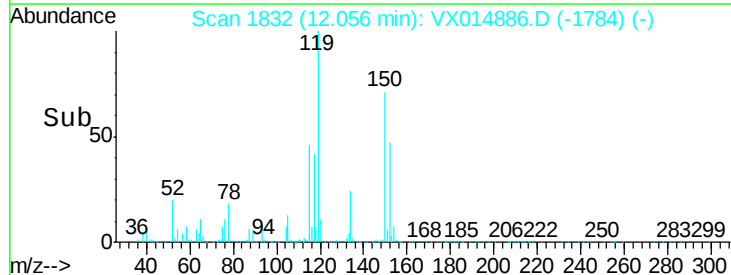
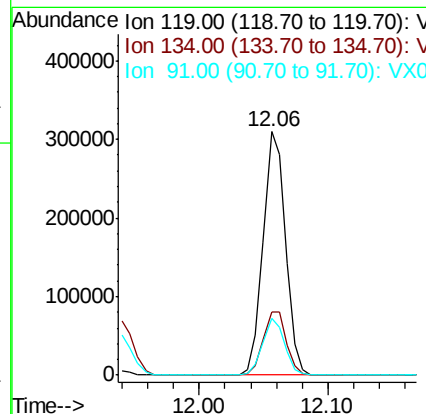
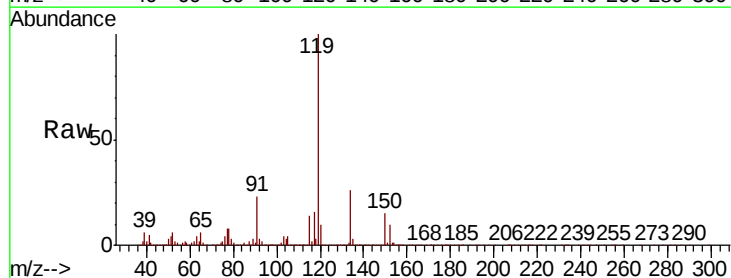
Tgt Ion:119 Resp: 368835

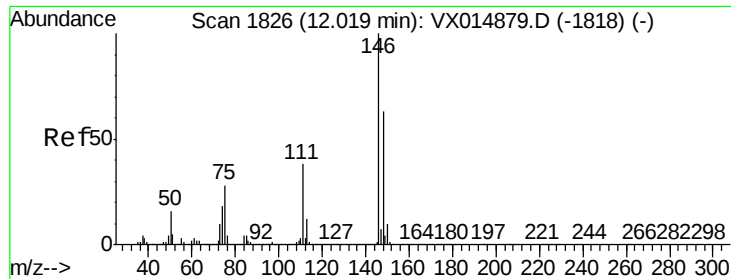
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.046 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014886.D

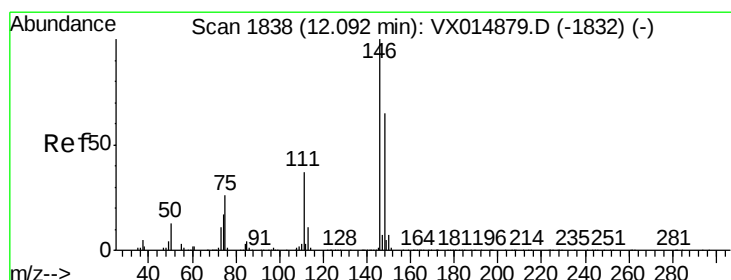
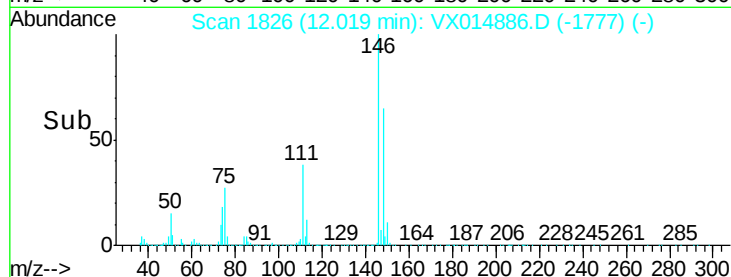
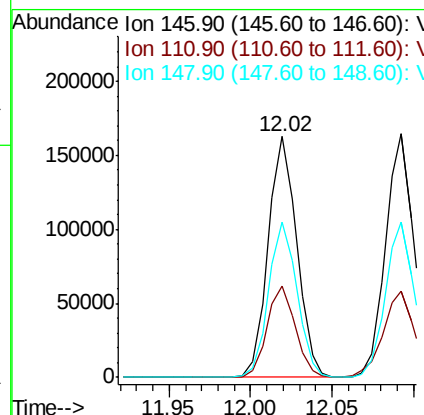
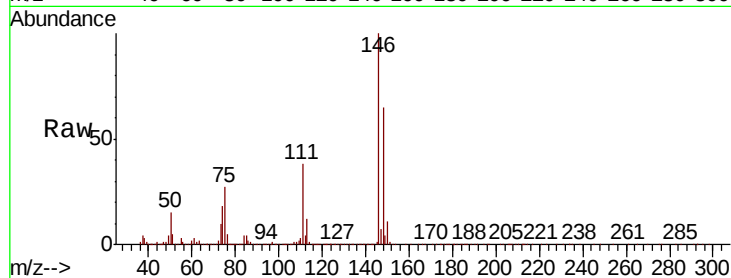
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	64.0	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.748 ug/l

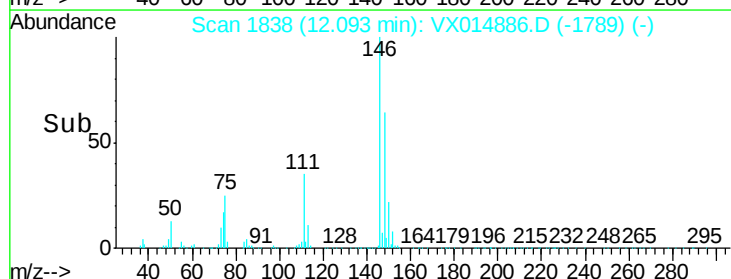
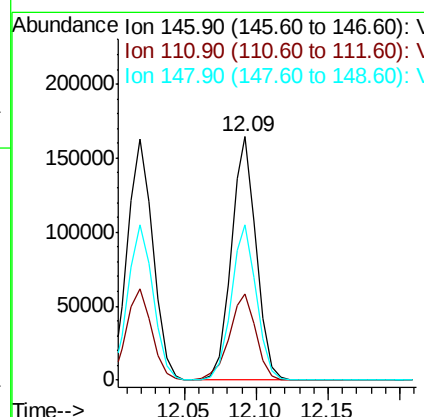
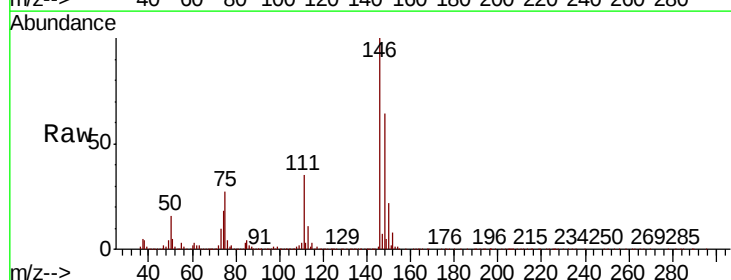
RT: 12.09 min Scan# 1838

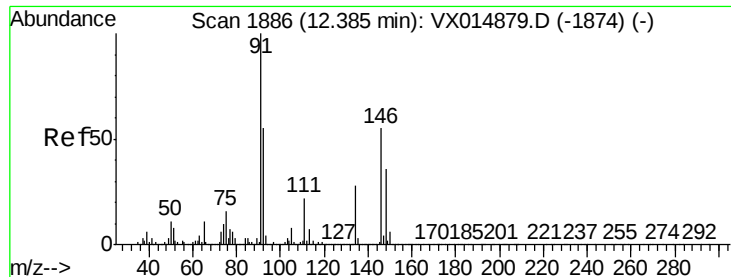
Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.6
148	64.6	32.4	97.0





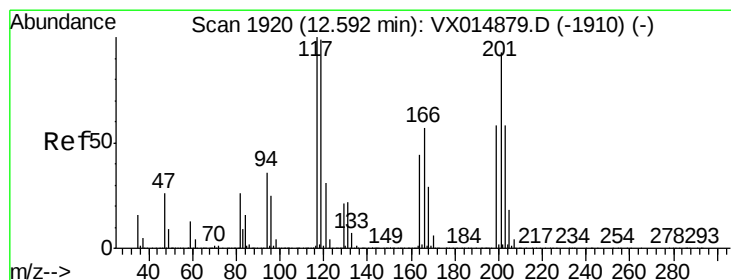
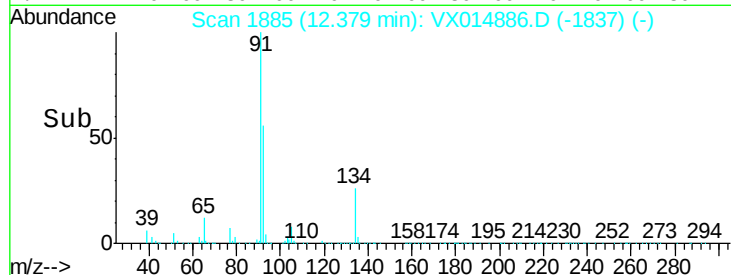
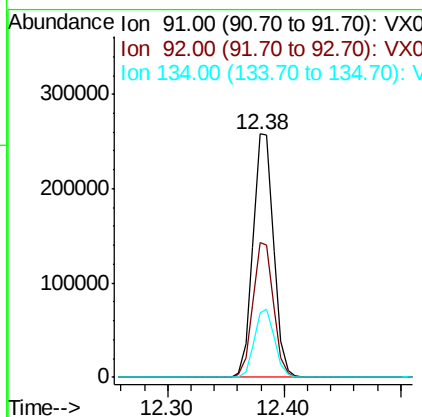
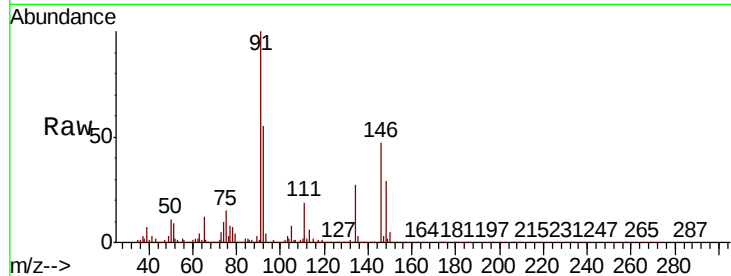
#89
n-Butylbenzene
Concen: 18.714 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.3	81.8
134	27.4	13.8	41.4

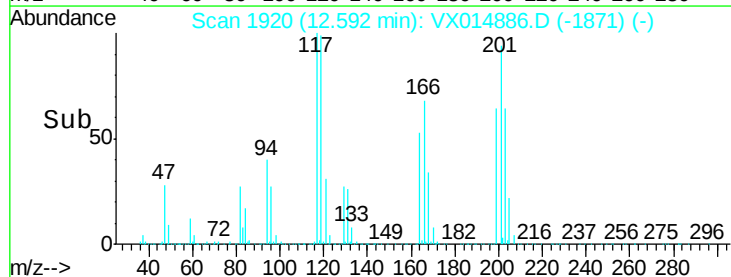
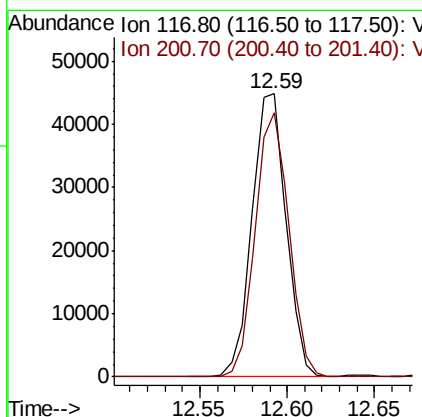
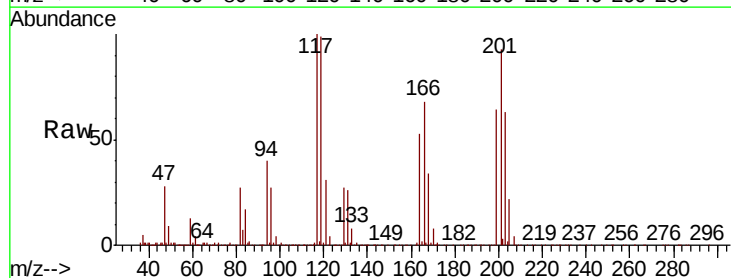
Manual Integrations
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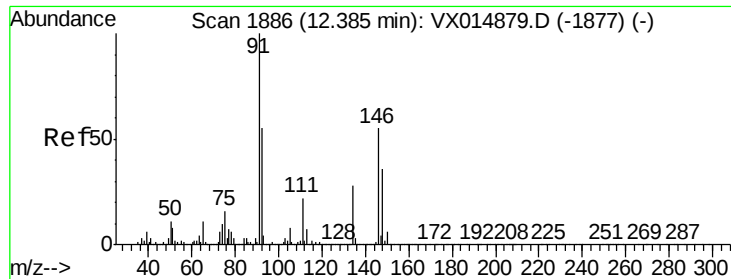
MMDadoda
2/11/2020 10:35:45 AM



#90
Hexachloroethane
Concen: 18.306 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.6	44.8	134.3





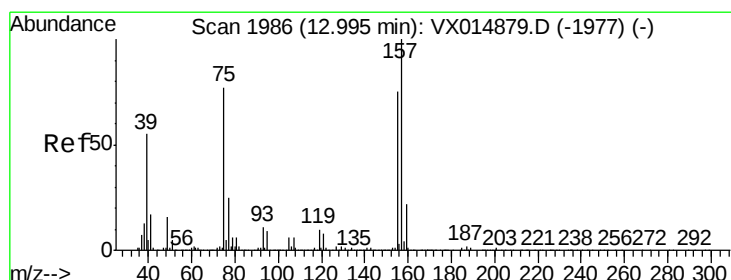
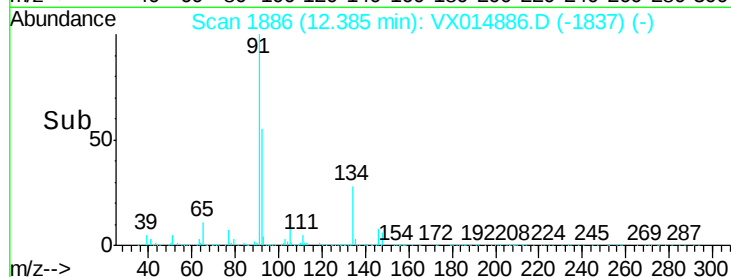
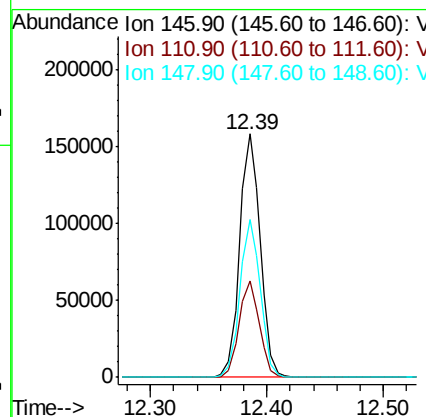
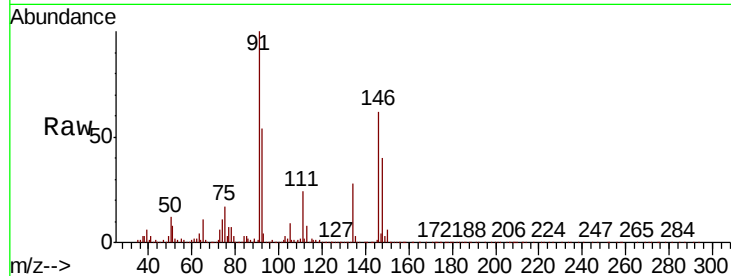
#91
 1,2-Dichlorobenzene
 Concen: 19.085 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.8	32.4	97.2

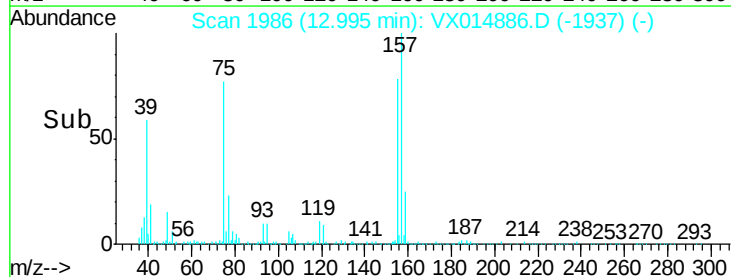
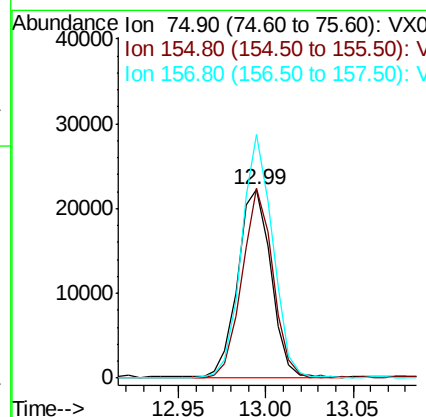
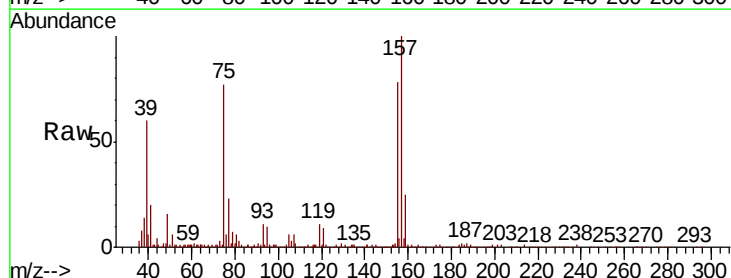
Manual Integrations
 APPROVED

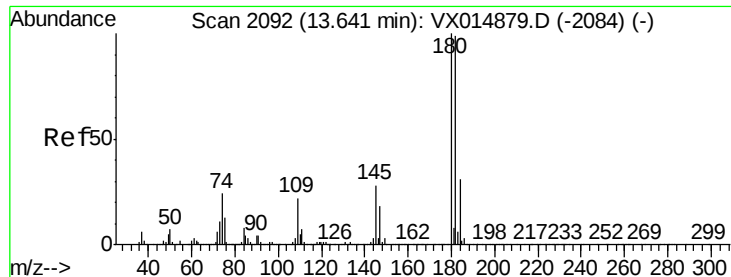
MMDadoda
 2/11/2020 10:35:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.251 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014886.D
 Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.6	145.9
157	123.2	62.0	186.0





#93

1,2,4-Trichlorobenzene

Concen: 18.833 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Instrument :

MSVOA_X

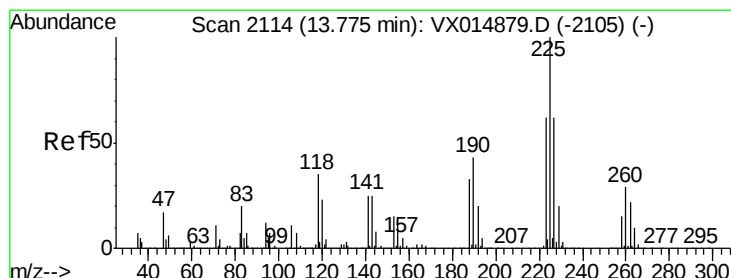
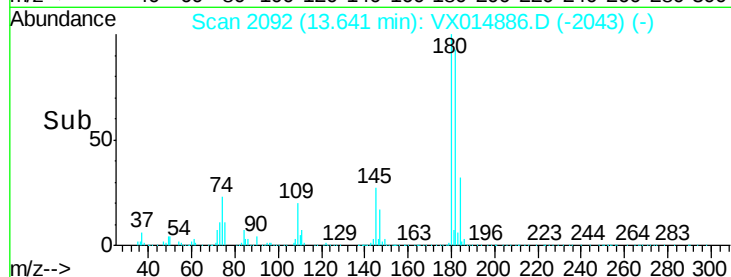
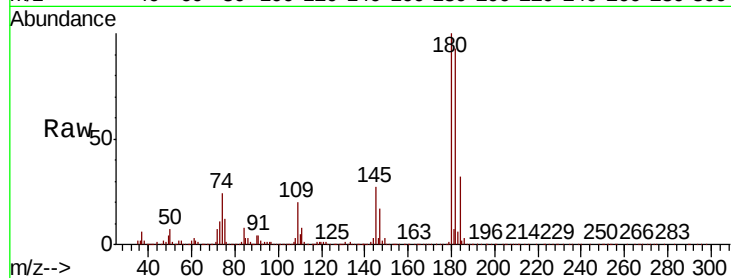
ClientSampleId :

VX0210MBS01

Tot Ion:	180	Resp:	141703
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.4	145.3
145	27.8	14.1	42.4

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#94

Hexachlorobutadiene

Concen: 19.514 ug/l

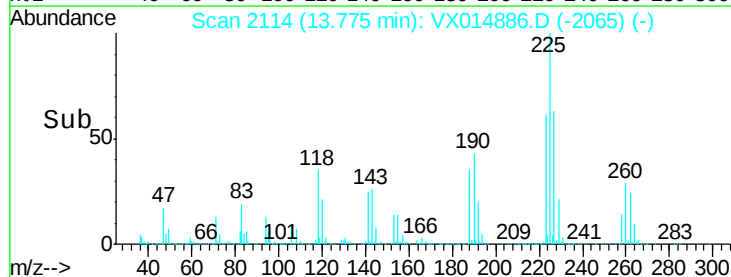
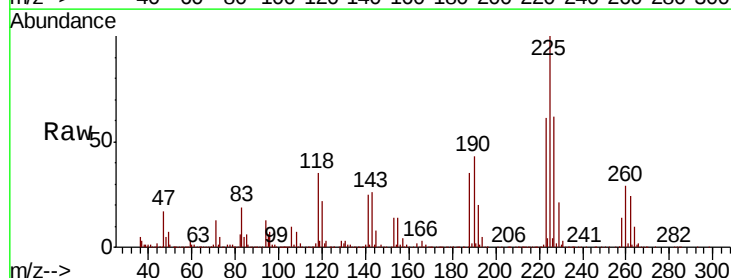
RT: 13.78 min Scan# 2114

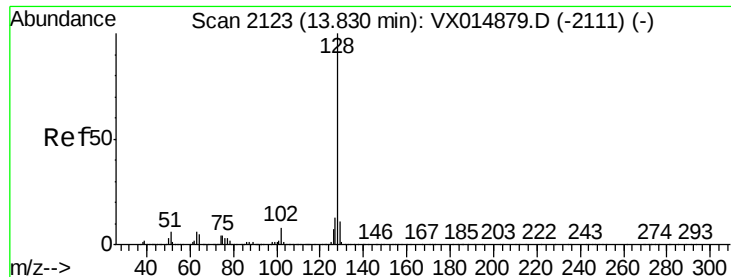
Delta R.T. 0.00 min

Lab File: VX014886.D

Acq: 10 Feb 2020 14:31

Tgt Ion:	225	Resp:	71014
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.1	93.2
227	61.7	30.9	92.5





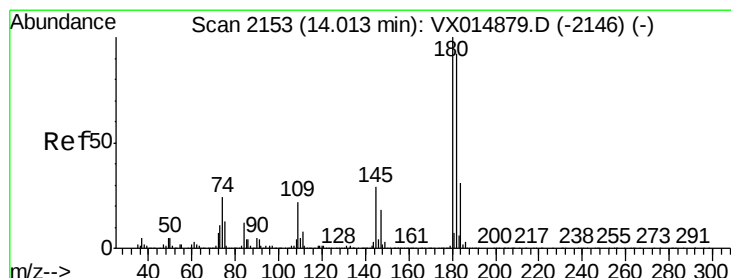
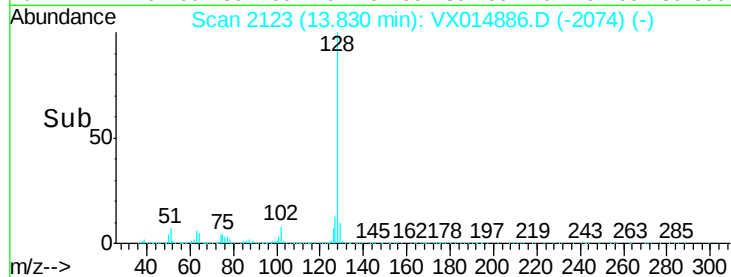
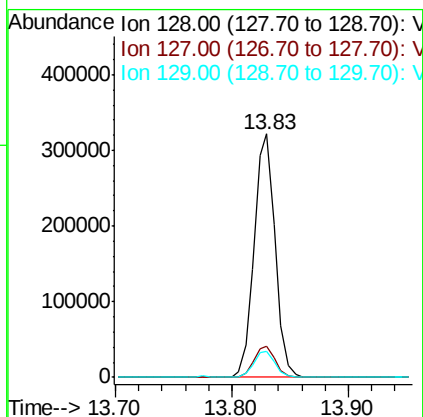
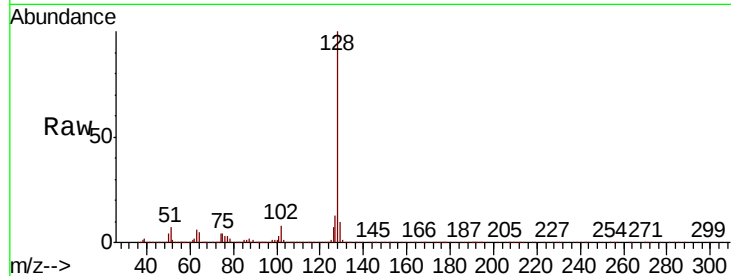
#95
Naphthalene
Concen: 20.161 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	403332		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/11/2020 10:35:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.524 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014886.D
Acq: 10 Feb 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141923		
182	96.6		47.5	142.6
145	30.1		14.5	43.5

