

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014802.D
 Acq On : 04 Feb 2020 12:17
 Operator : JC/SP
 Sample : VX0204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:25:30 PM

Quant Time: Feb 05 03:22:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	415238	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	620725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	558317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	279057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	233013	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.48	113	188204	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.71	98	725118	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	255358	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	98845	18.077	ug/l	100
3) Chloromethane	1.32	50	98814	17.591	ug/l	99
4) Vinyl Chloride	1.40	62	115357	18.993	ug/l	98
5) Bromomethane	1.63	94	71282	17.278	ug/l	98
6) Chloroethane	1.72	64	65961	18.099	ug/l	100
7) Trichlorofluoromethane	1.92	101	130841	18.501	ug/l	97
8) Diethyl Ether	2.18	74	57728	18.701	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80242	19.328	ug/l	99
10) Methyl Iodide	2.50	142	93794	17.217	ug/l	98
11) Tert butyl alcohol	3.02	59	94442	86.751	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74729	18.104	ug/l	100
13) Acrolein	2.28	56	58387	68.020	ug/l	99
14) Allyl chloride	2.72	41	135499	18.263	ug/l	98
15) Acrylonitrile	3.12	53	233567	92.726	ug/l	100
16) Acetone	2.43	43	222093	83.670	ug/l	100
17) Carbon Disulfide	2.56	76	184014	16.311	ug/l	99
18) Methyl Acetate	2.76	43	147078	19.388	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	263465	19.487	ug/l	98
20) Methylene Chloride	2.84	84	91326	18.571	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	80323	17.673	ug/l	99
22) Diisopropyl ether	3.84	45	286012	19.376	ug/l	94
23) Vinyl Acetate	3.80	43	1096370	97.433	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151779	18.933	ug/l	98
25) 2-Butanone	4.65	43	329772	86.608	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124825	19.453	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	94777	18.632	ug/l	99
28) Bromochloromethane	5.00	49	62442	17.725	ug/l	98
29) Tetrahydrofuran	5.11	42	201416	89.126	ug/l	97
30) Chloroform	5.19	83	152444	19.196	ug/l	98
31) Cyclohexane	5.57	56	135051	17.911	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	126151	18.793	ug/l	99
36) 1,1-Dichloropropene	5.78	75	110215	19.109	ug/l	99
37) Ethyl Acetate	4.81	43	124316	18.819	ug/l	99
38) Carbon Tetrachloride	5.78	117	109003	19.788	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136364	18.872	ug/l	96
40) Benzene	6.13	78	345955	19.413	ug/l	99
41) Methacrylonitrile	5.03	41	69617	18.310	ug/l	98
42) 1,2-Dichloroethane	6.18	62	123375	20.048	ug/l	99
43) Isopropyl Acetate	6.43	43	203436	18.806	ug/l	100
44) Trichloroethene	7.20	130	94839	18.840	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90123	19.630	ug/l	97
46) Dibromomethane	7.65	93	59491	20.007	ug/l	97
47) Bromodichloromethane	7.89	83	117673	20.177	ug/l	95
48) Methyl methacrylate	7.76	41	101209	19.581	ug/l	99
49) 1,4-Dioxane	7.73	88	41410	377.957	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	648172	94.934	ug/l	99
52) Toluene	8.78	92	216892	19.799	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124764	19.868	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139481	20.191	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90767	20.237	ug/l	98
56) Ethyl methacrylate	9.17	69	134329	18.820	ug/l	98
57) 1,3-Dichloropropane	9.36	76	151588	19.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	221481	98.191	ug/l	100
59) 2-Hexanone	9.48	43	495859	93.592	ug/l	100
60) Dibromochloromethane	9.57	129	93278	19.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94261	19.877	ug/l	98
64) Tetrachloroethene	9.33	164	102214	18.495	ug/l	97
65) Chlorobenzene	10.13	112	233457	19.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89205	20.260	ug/l	98
67) Ethyl Benzene	10.25	91	405484	19.885	ug/l	99
68) m/p-Xylenes	10.35	106	308385	39.920	ug/l	98
69) o-Xylene	10.70	106	149188	20.004	ug/l	98
70) Styrene	10.71	104	255357	20.412	ug/l	100
71) Bromoform	10.85	173	69265	19.781	ug/l #	99
73) Isopropylbenzene	11.01	105	405071	20.644	ug/l	100
74) N-amyl acetate	10.89	43	165252	19.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132010	18.843	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	115084m	17.726	ug/l	
77) Bromobenzene	11.25	156	103606	19.655	ug/l	98
78) n-propylbenzene	11.35	91	454149	20.391	ug/l	100
79) 2-Chlorotoluene	11.42	91	274129	20.342	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336339	20.653	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41920	18.375	ug/l	94
82) 4-Chlorotoluene	11.51	91	310398	20.232	ug/l	99
83) tert-Butylbenzene	11.76	119	316502	20.683	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	337056	20.634	ug/l	98
85) sec-Butylbenzene	11.94	105	387119	20.650	ug/l	100
86) p-Isopropyltoluene	12.06	119	356284	20.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187409	19.783	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	186470	19.650	ug/l	98
89) n-Butylbenzene	12.39	91	296379	19.642	ug/l	99
90) Hexachloroethane	12.59	117	61730	19.183	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	185726	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27895	18.532	ug/l	97

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QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124022	20.445	ug/l	97
94) Hexachlorobutadiene	13.78	225	64499	20.658	ug/l	99
95) Naphthalene	13.83	128	364470	19.217	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127208	20.739	ug/l	97

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

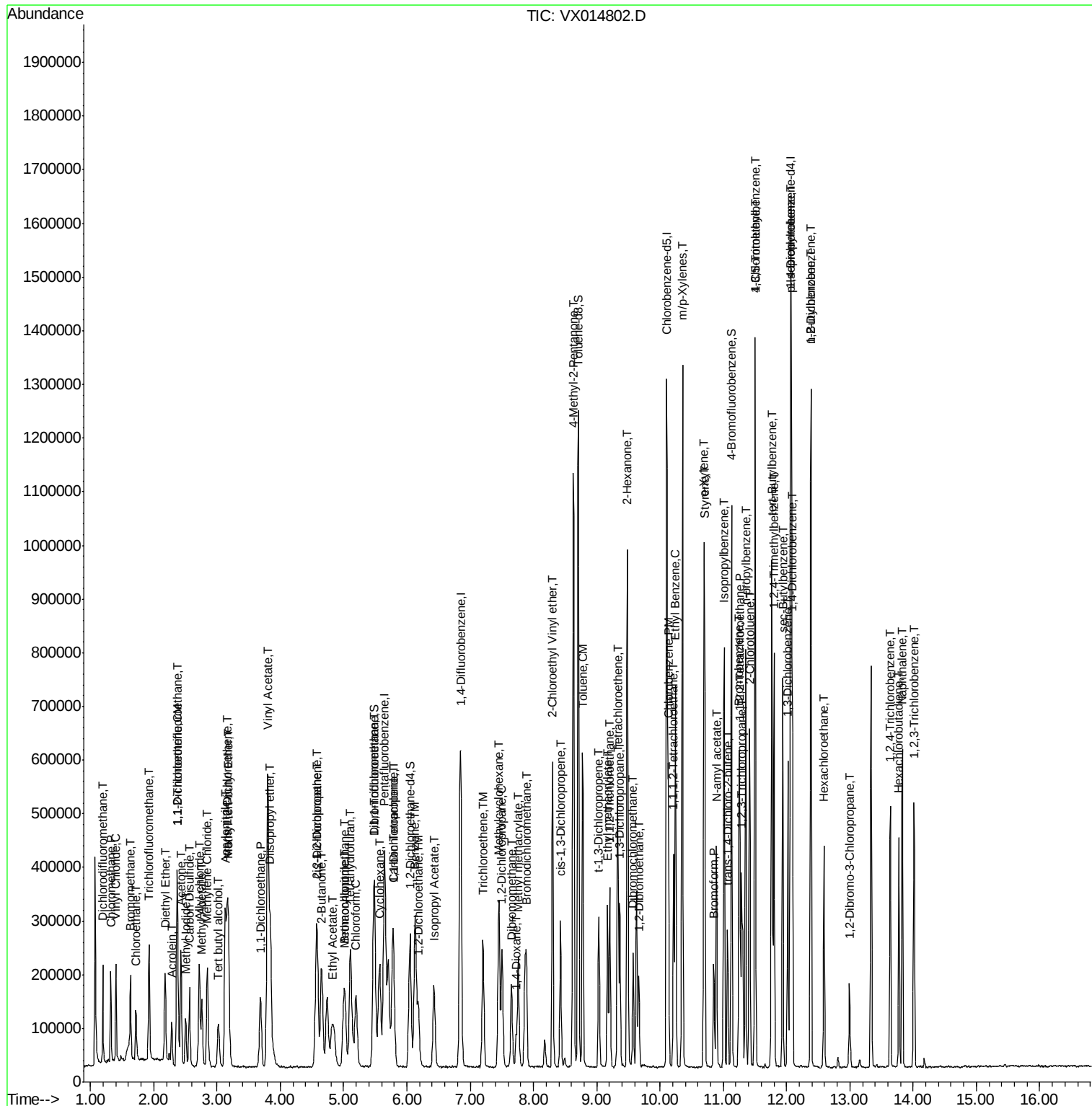
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 Data File : VX014802.D
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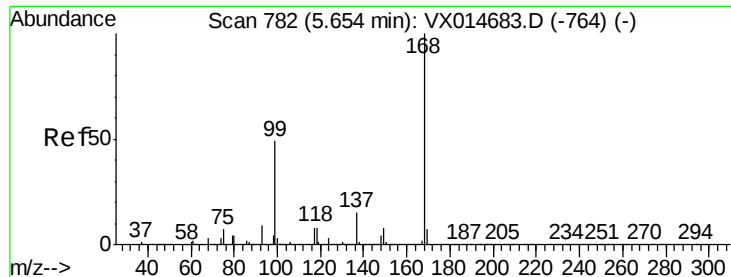
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

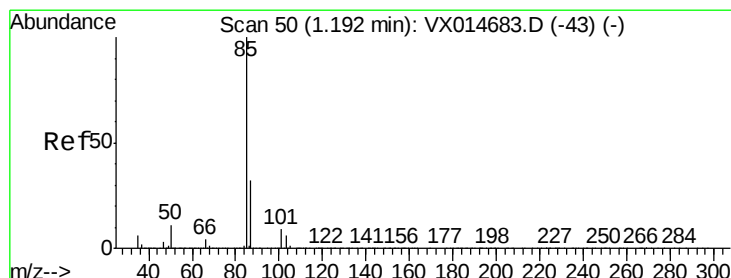
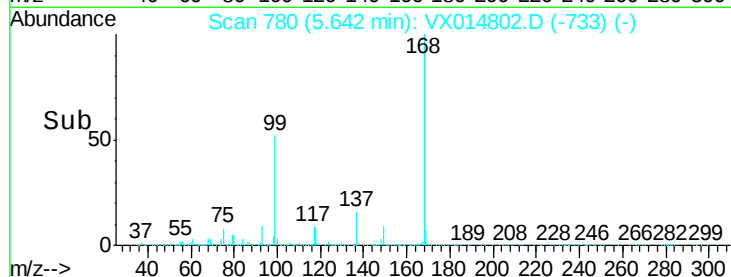
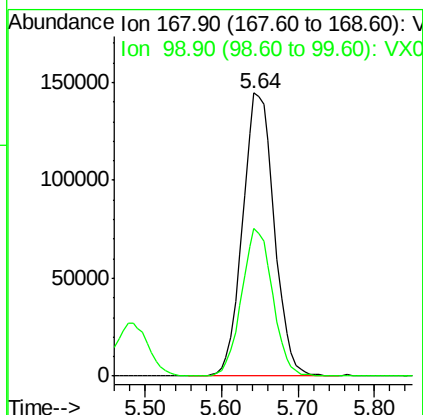
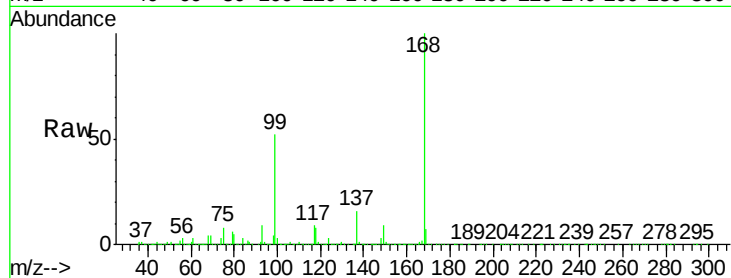
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.2	39.8	59.6

Manual Integrations
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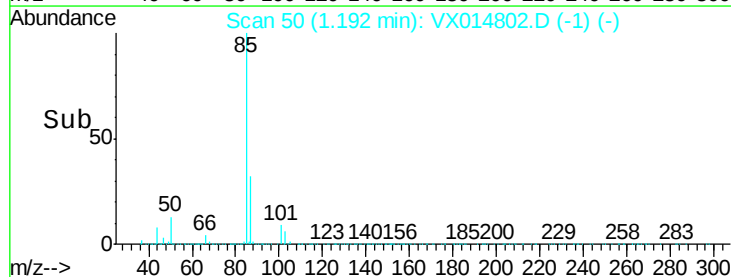
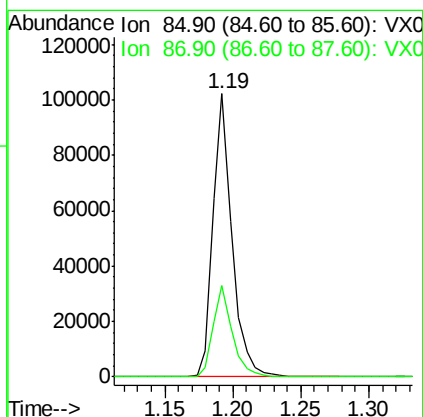
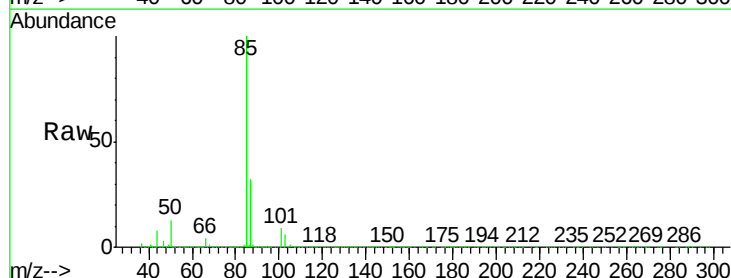
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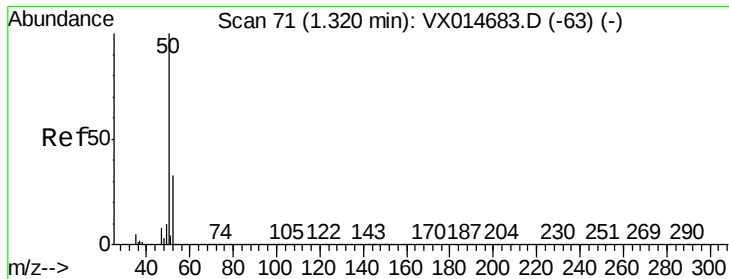


#2

Dichlorodifluoromethane
 Concen: 18.077 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.5





#3

Chloromethane

Concen: 17.591 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion: 50 Resp: 98814

Ion Ratio Lower Upper

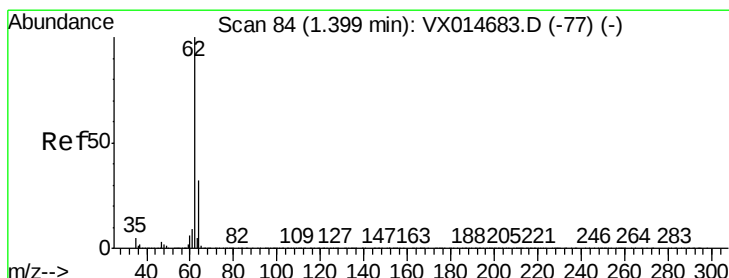
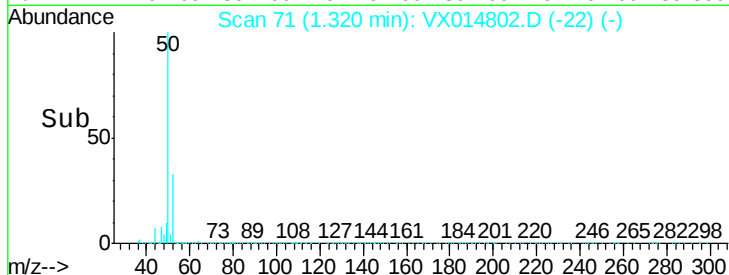
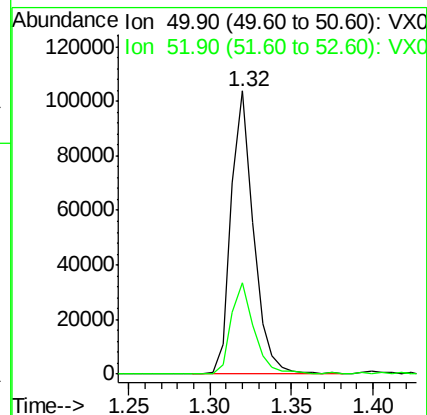
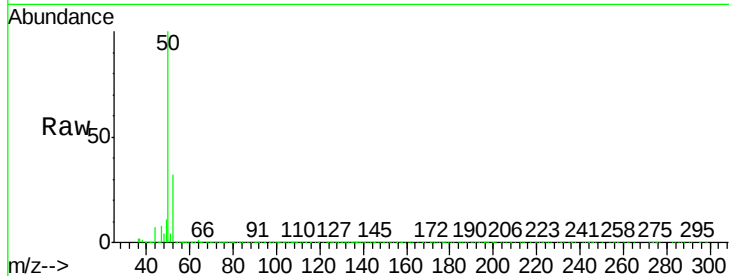
50 100

52 32.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.993 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014802.D

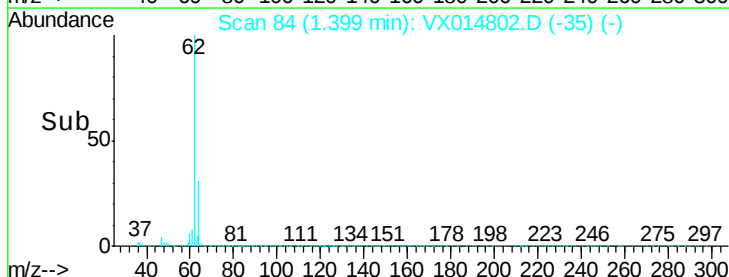
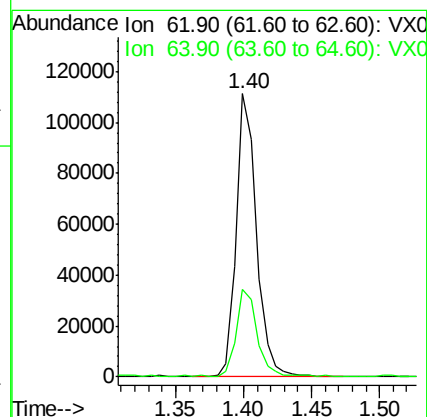
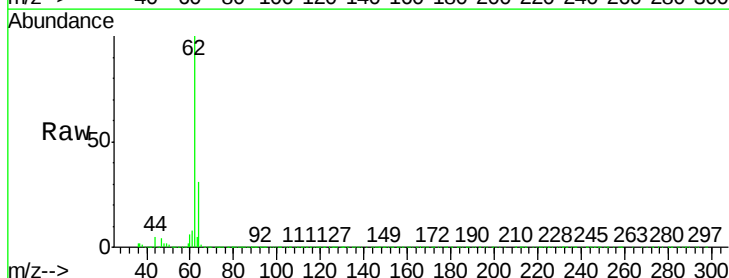
Acq: 04 Feb 2020 12:17

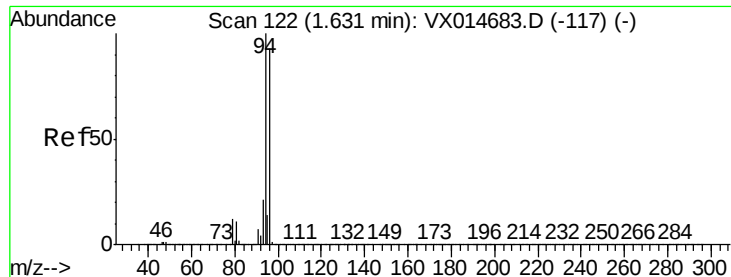
Tgt Ion: 62 Resp: 115357

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.2





#5

Bromomethane

Concen: 17.278 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion: 94 Resp: 71282

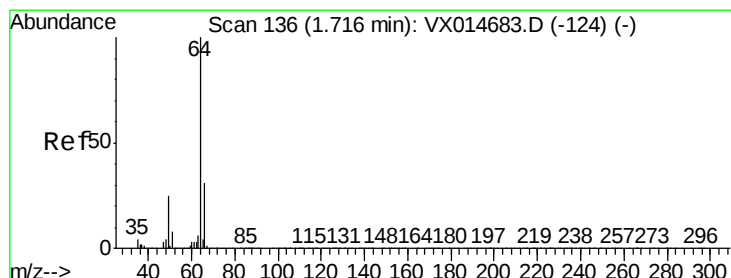
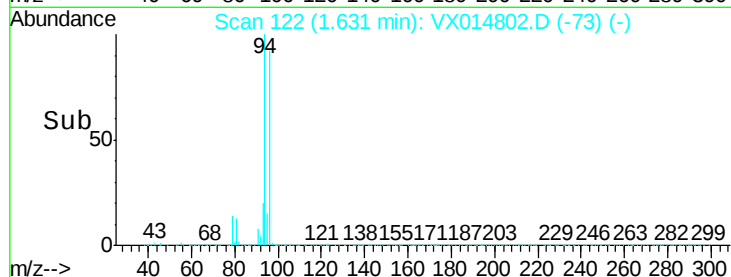
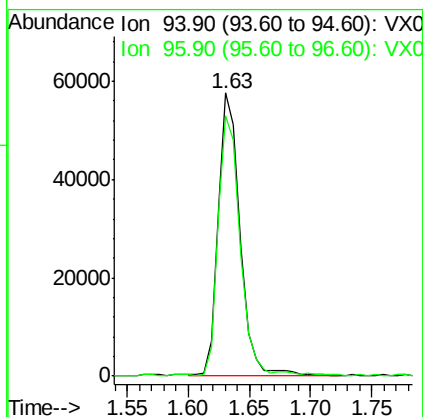
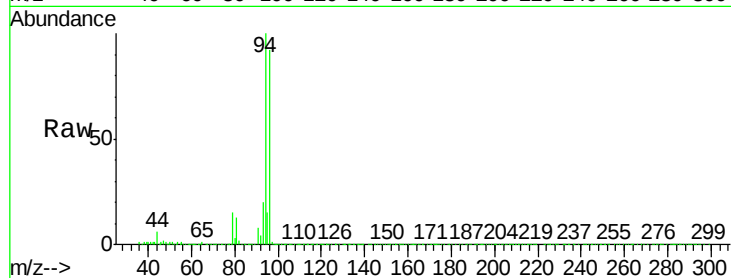
Ion Ratio Lower Upper

94 100

96 91.7 74.7 112.1

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#6

Chloroethane

Concen: 18.099 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014802.D

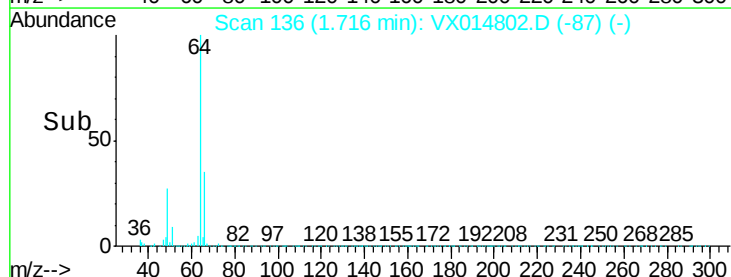
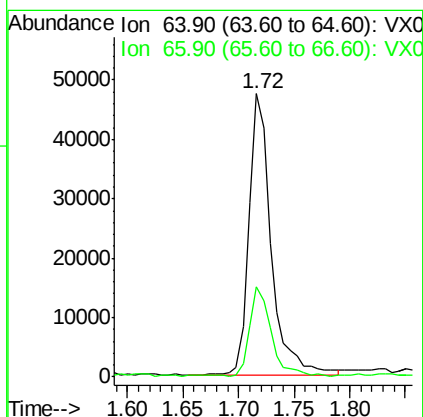
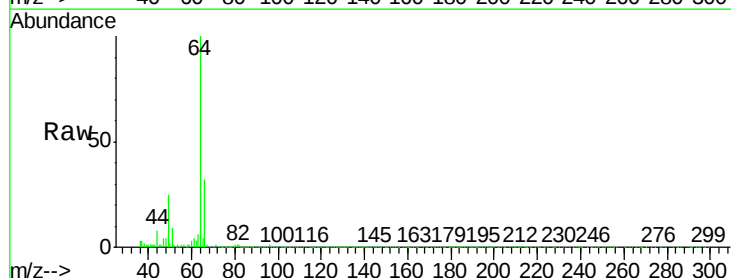
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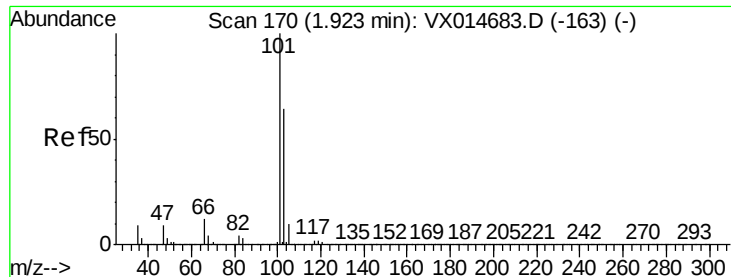
Tgt Ion: 64 Resp: 65961

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8





#7

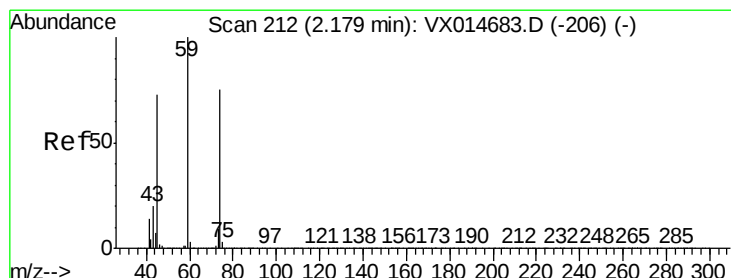
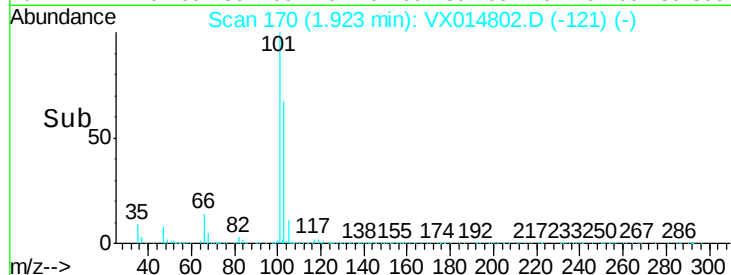
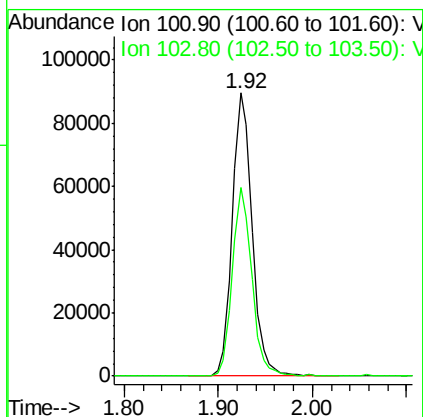
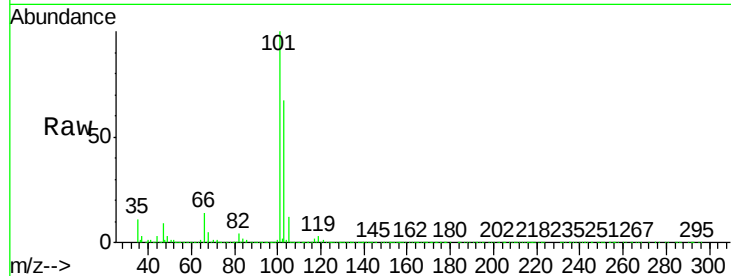
Trichlorofluoromethane
Concen: 18.501 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	130841		
103	66.5	51.0	76.6	

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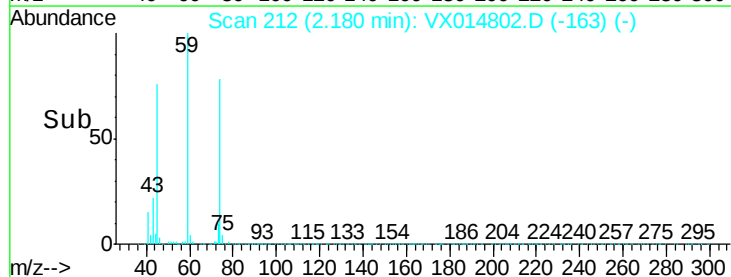
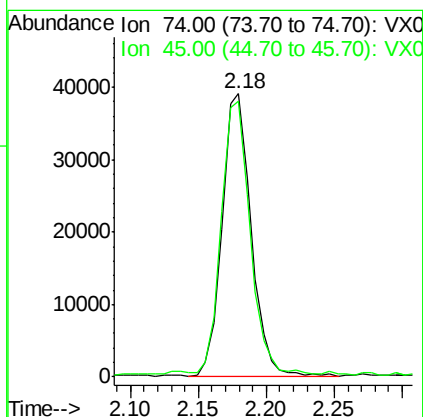
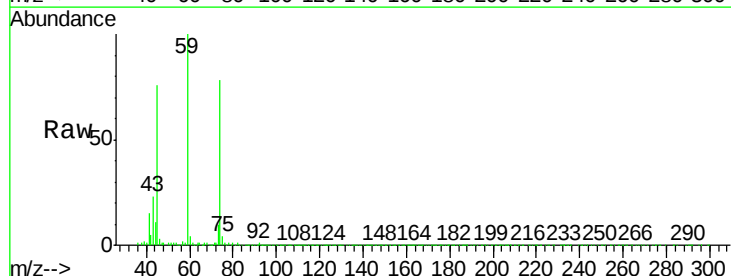
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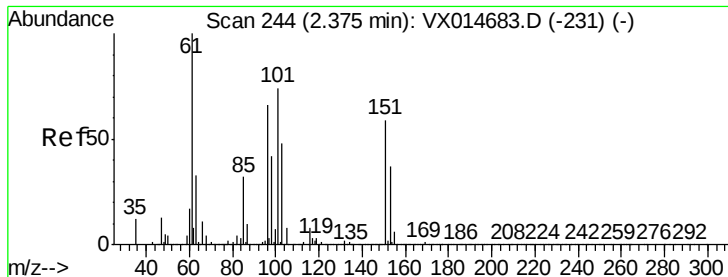


#8

Diethyl Ether
Concen: 18.701 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57728		
45	96.7	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.328 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

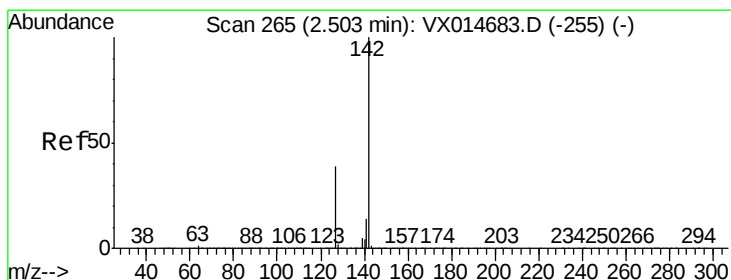
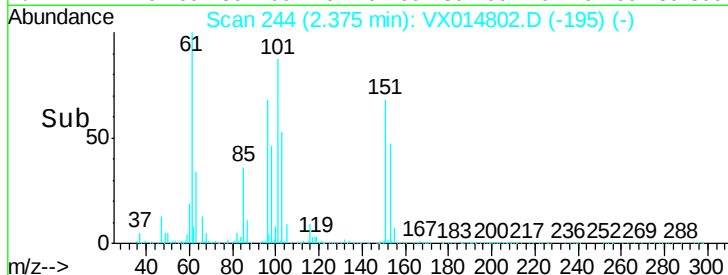
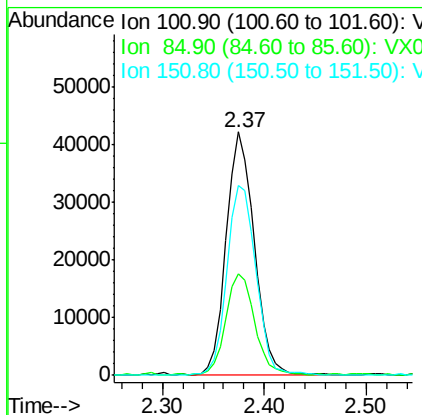
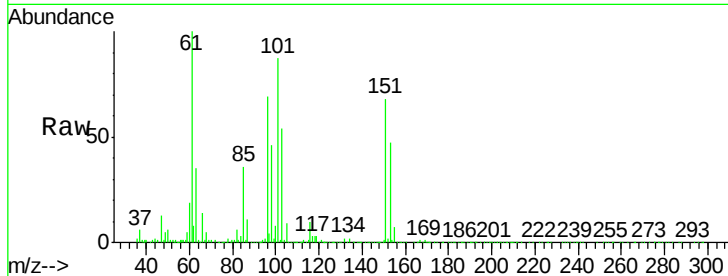
ClientSampled :

VX0204WBS01

Tot Ion:	101	Resp:	80242
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.7	52.1
151	81.3	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.217 ug/l

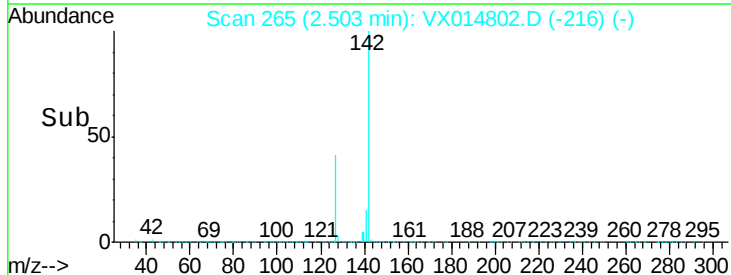
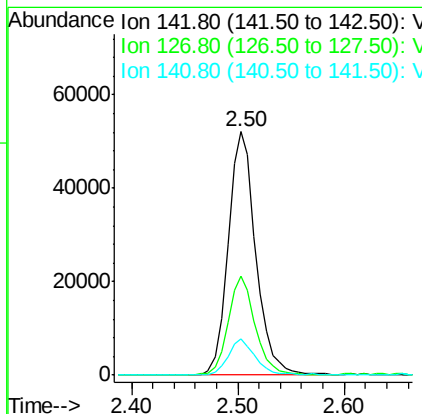
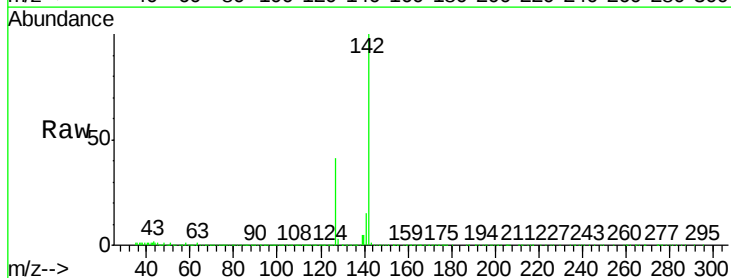
RT: 2.50 min Scan# 265

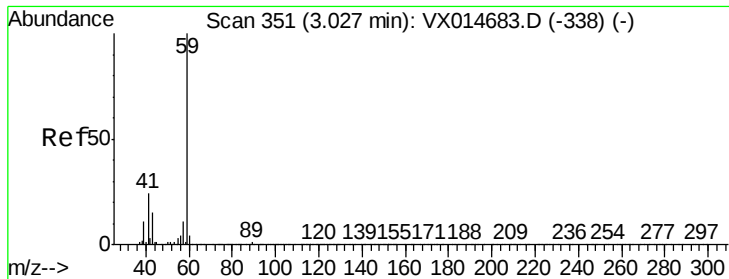
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	142	Resp:	93794
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.1	46.7
141	14.8	11.3	16.9





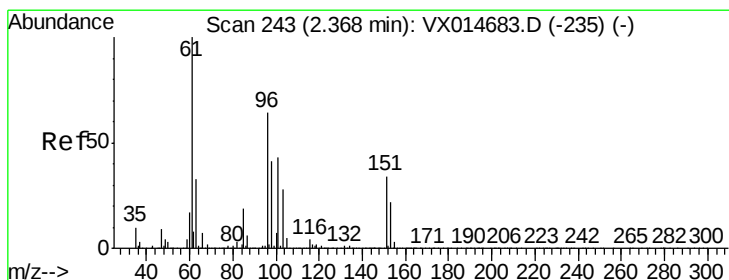
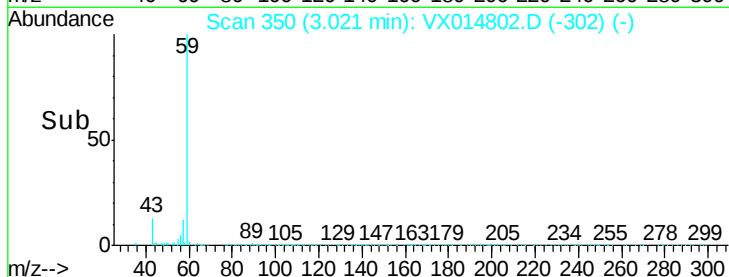
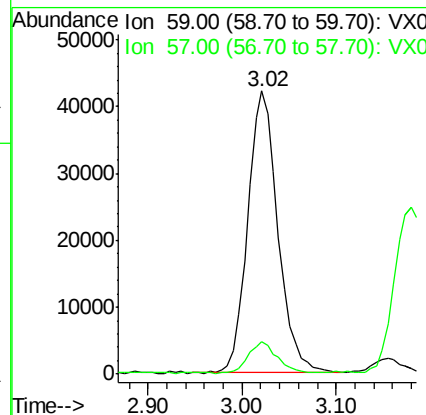
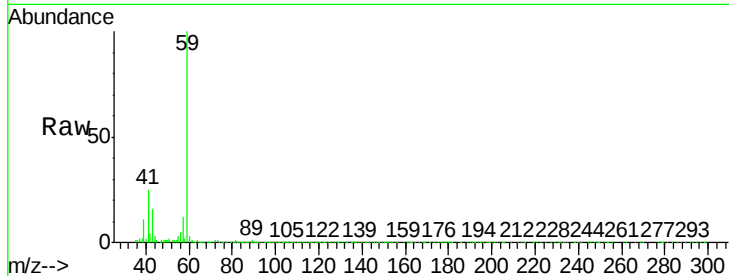
#11
Tert butyl alcohol
Concen: 86.751 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.8	8.3	12.5

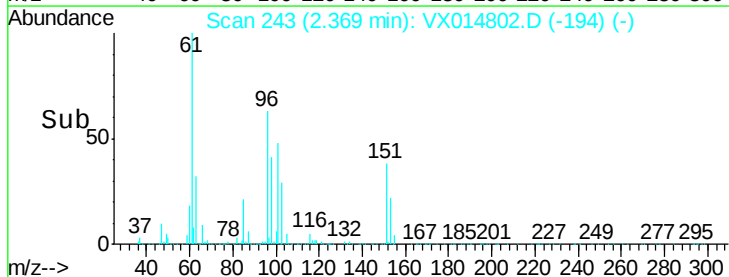
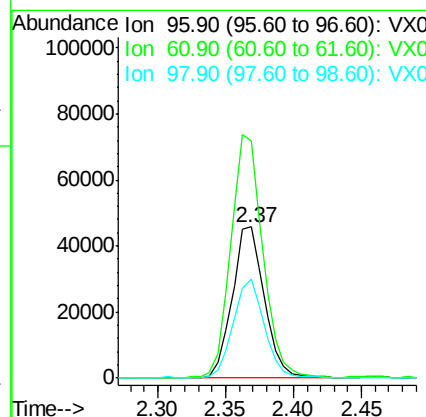
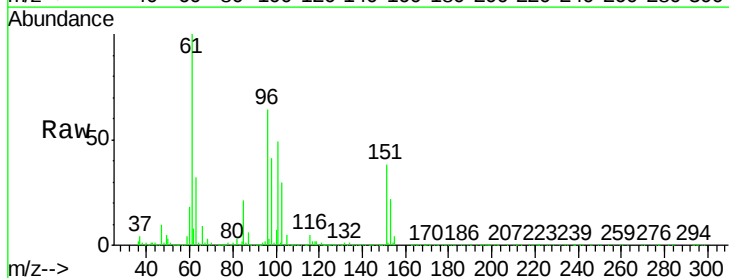
Manual Integrations
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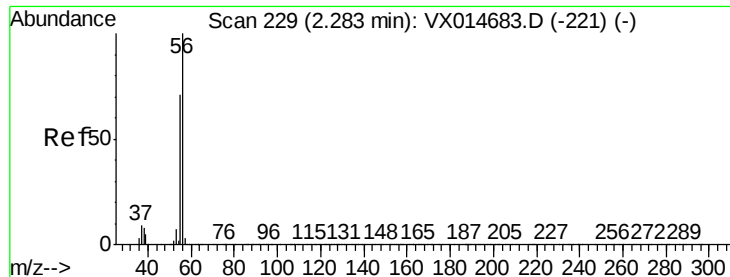
MMDadoda
2/5/2020 12:25:30 PM



#12
1,1-Dichloroethene
Concen: 18.104 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	157.3	125.8	188.8
98	98	65.1	51.5	77.3





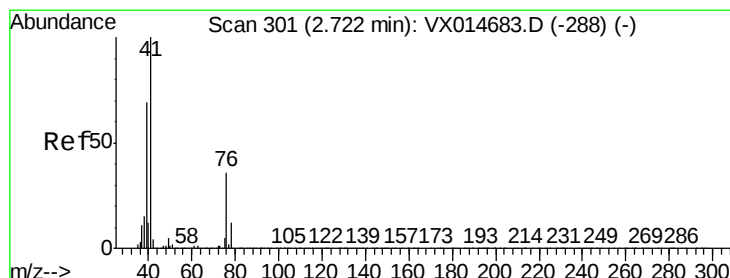
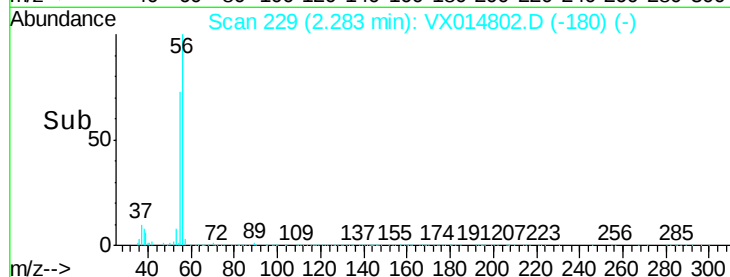
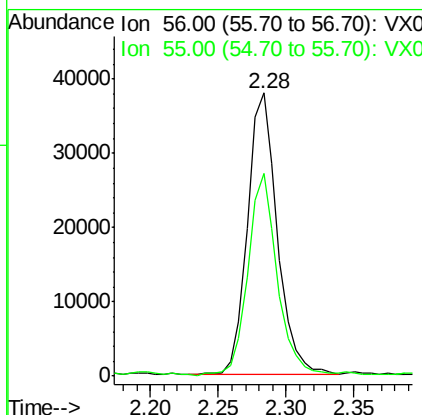
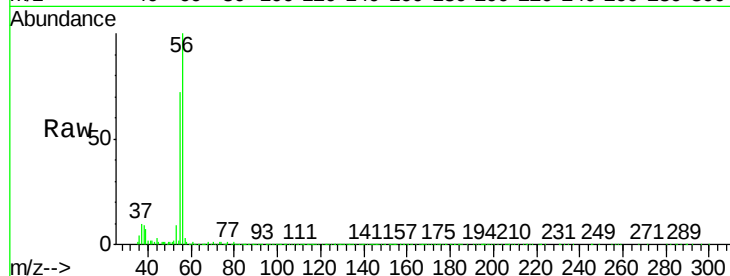
#13
Acrolein
Concen: 68.020 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.2	56.6	84.8

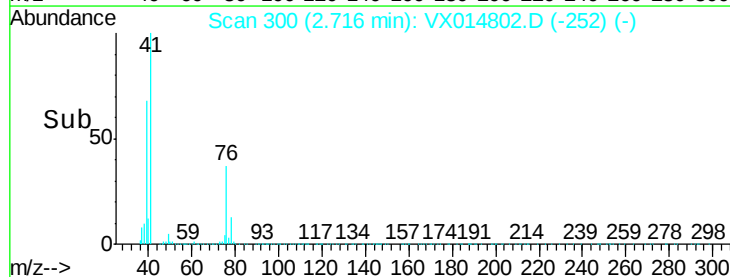
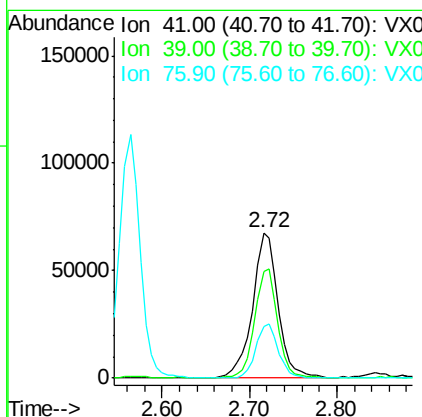
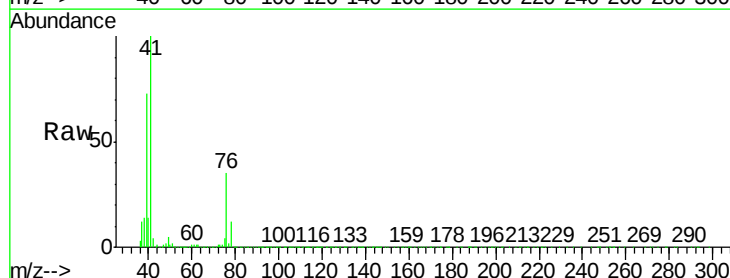
Manual Integrations
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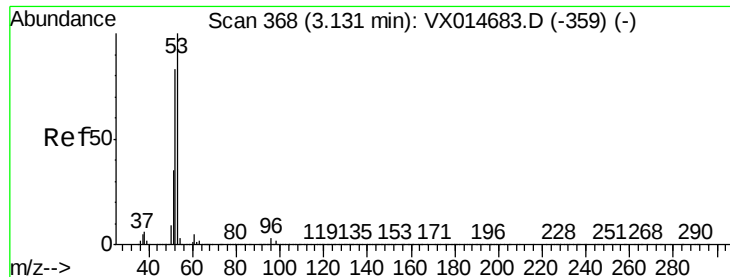
MMDadoda
2/5/2020 12:25:30 PM



#14
Allyl chloride
Concen: 18.263 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.7	52.0	78.0
76	76	32.2	26.0	39.0





#15

Acrylonitrile

Concen: 92.726 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

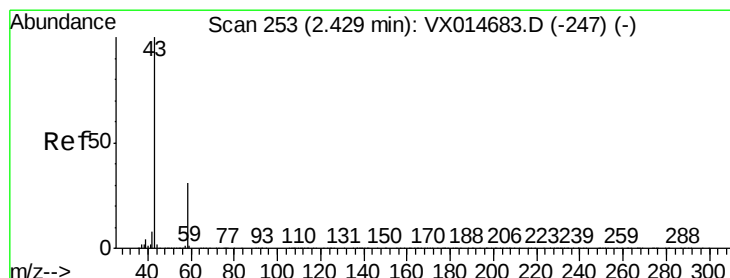
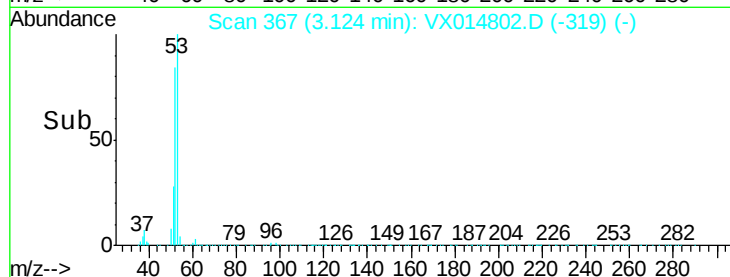
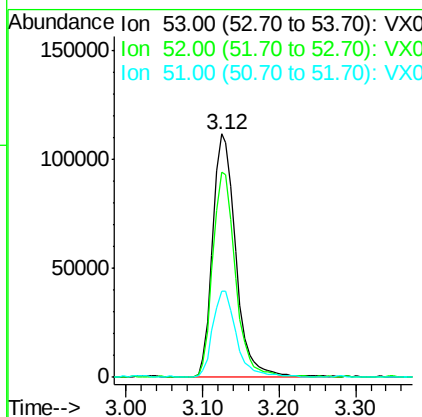
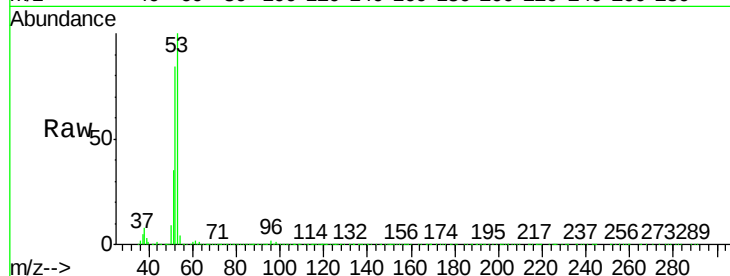
ClientSampled :

VX0204WBS01

Tot Ion:	53	Resp:	233567
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.2	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 83.670 ug/l

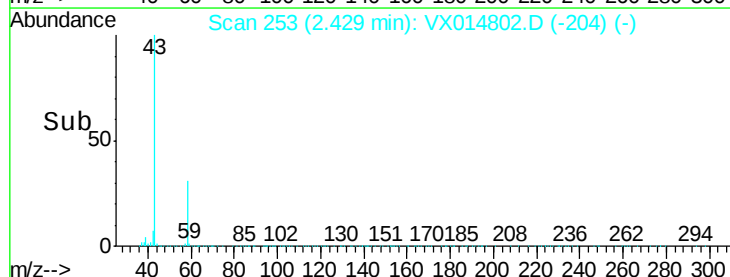
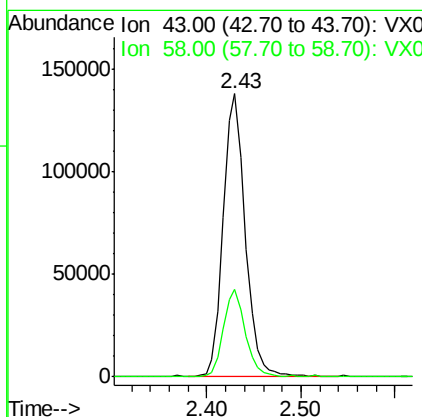
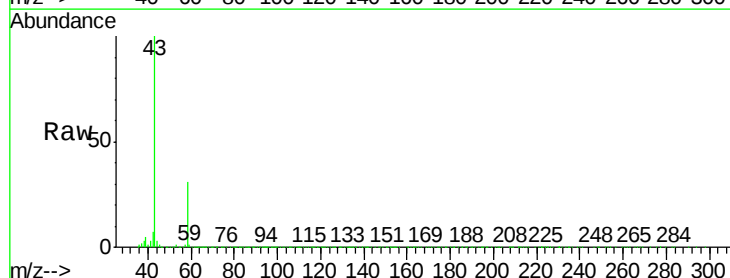
RT: 2.43 min Scan# 253

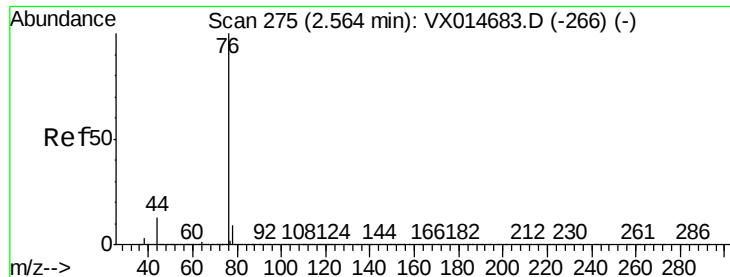
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	43	Resp:	222093
Ion Ratio		Lower	Upper
43	100		
58	30.8	24.5	36.7





#17

Carbon Disulfide

Concen: 16.311 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion: 76 Resp: 184014

Ion Ratio Lower Upper

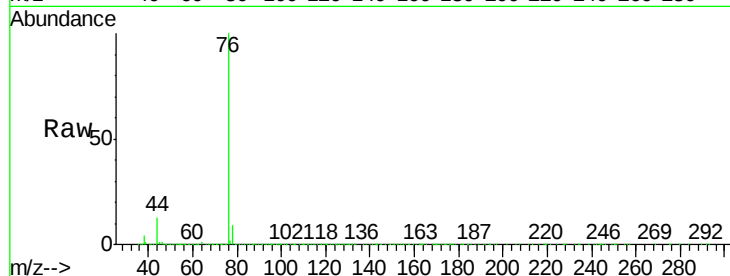
76 100

78 8.7 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

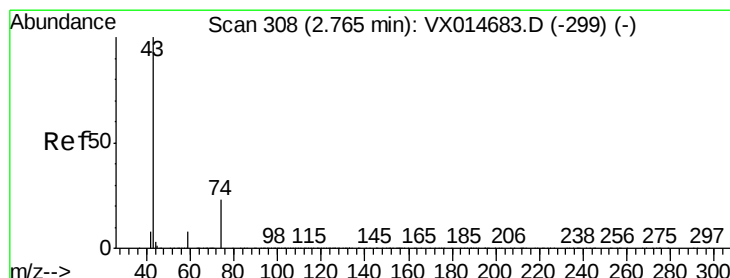
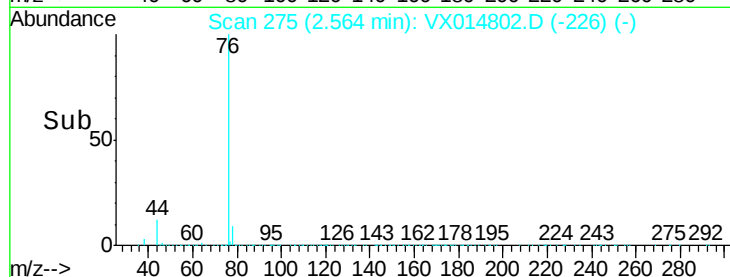
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.388 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014802.D

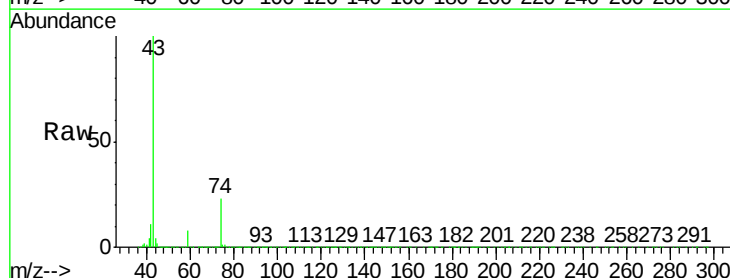
Acq: 04 Feb 2020 12:17

Tgt Ion: 43 Resp: 147078

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

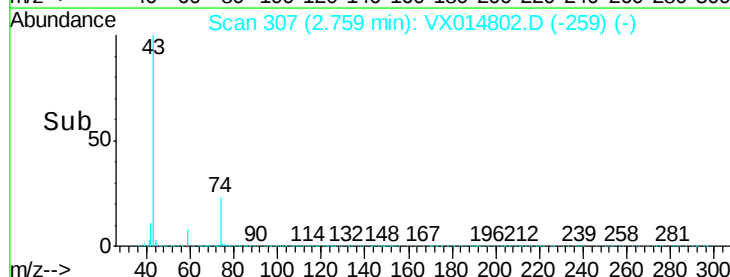
60000

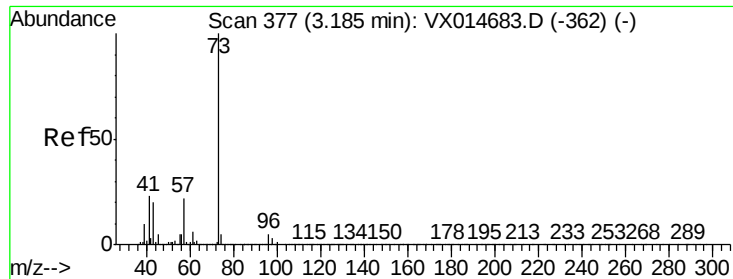
40000

20000

0

Time-->





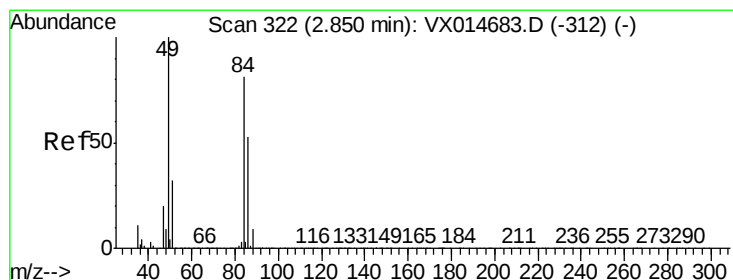
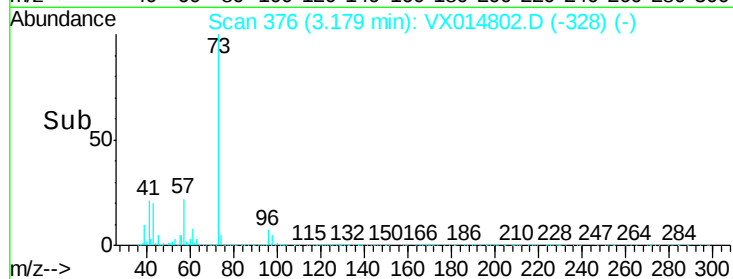
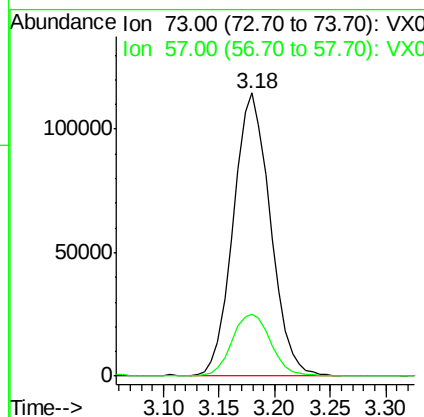
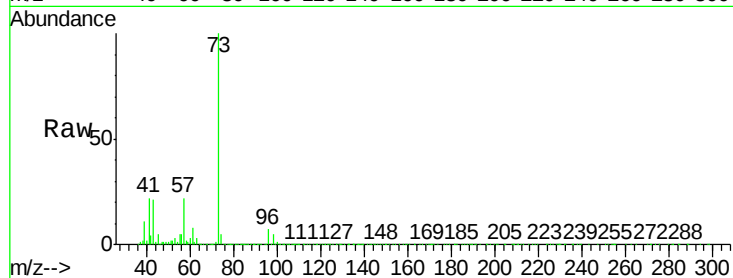
#19
Methvl tert-butvl Ether
Concen: 19.487 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.0	27.0

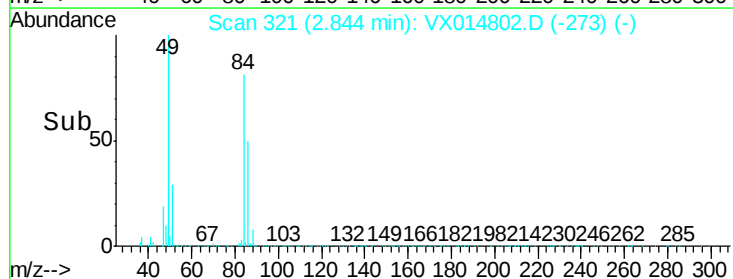
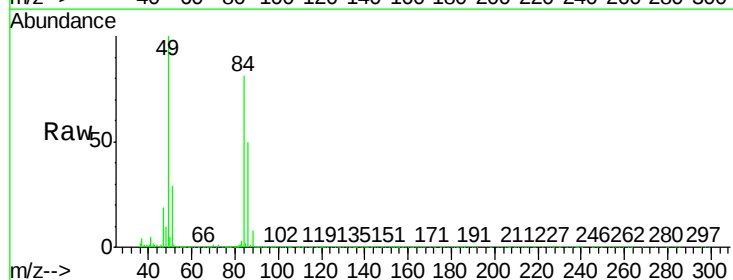
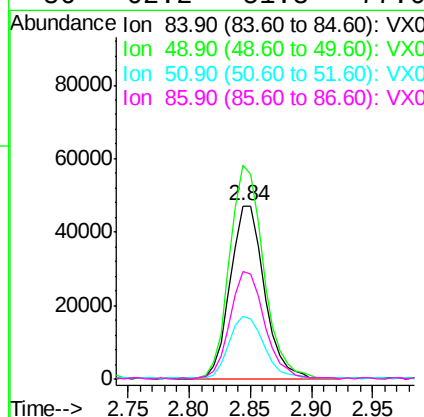
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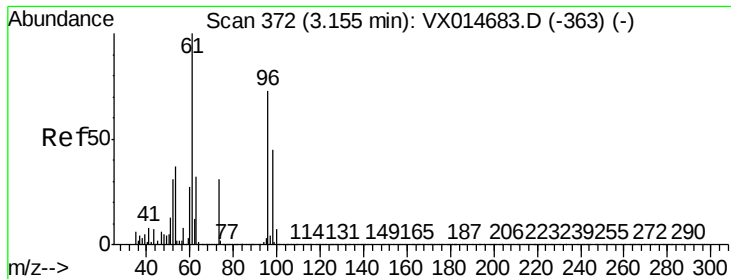
MMDadoda
2/5/2020 12:25:30 PM



#20
Methylene Chloride
Concen: 18.571 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	98.2	147.4
51	35.6	31.3	46.9
86	62.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.673 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

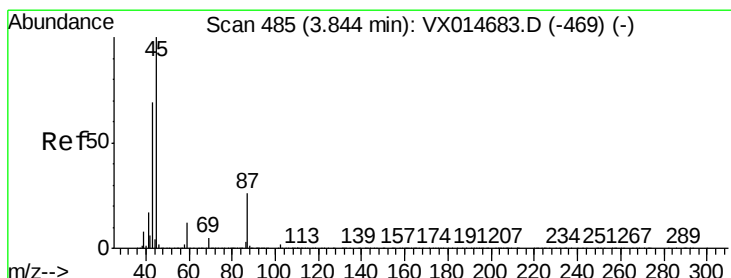
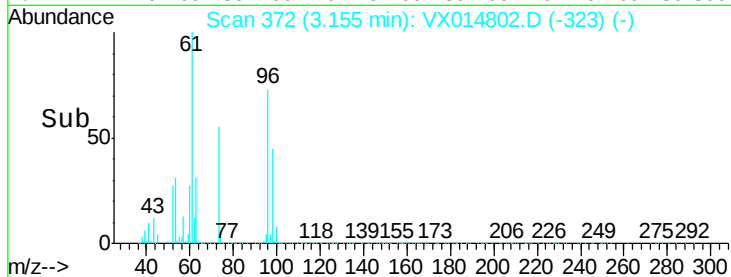
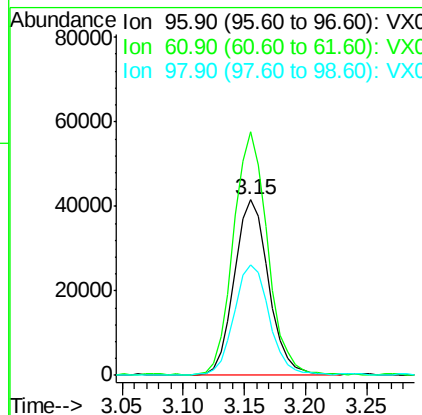
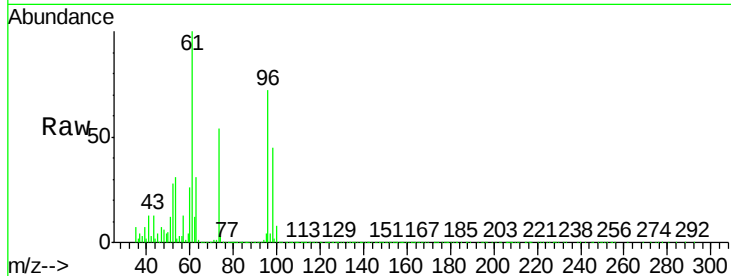
ClientSampleId :

VX0204WBS01

Tot Ion:	96	Resp:	80323
Ion Ratio	Lower	Upper	
96	100		
61	138.4	109.8	164.6
98	62.5	49.6	74.4

Manual Integrations
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MMDadoda
2/5/2020 12:25:30 PM



#22

Diisopropyl ether

Concen: 19.376 ug/l

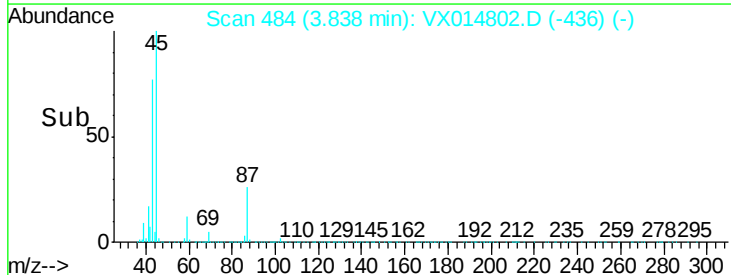
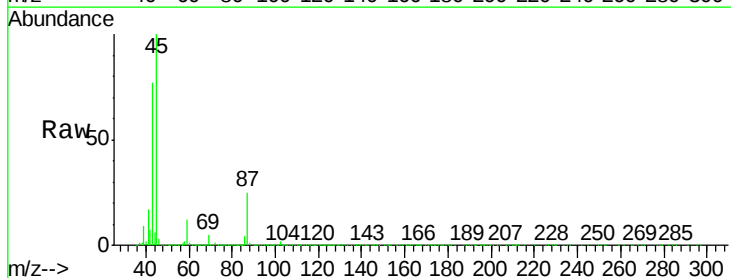
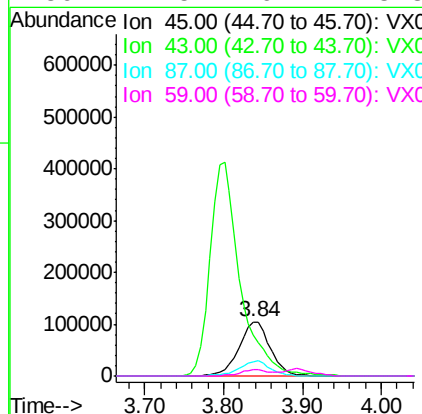
RT: 3.84 min Scan# 484

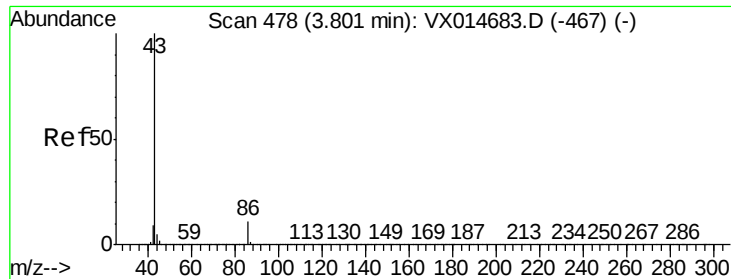
Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	45	Resp:	286012
Ion Ratio	Lower	Upper	
45	100		
43	75.6	55.1	82.7
87	25.4	20.7	31.1
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 97.433 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 43 Resp: 1096370

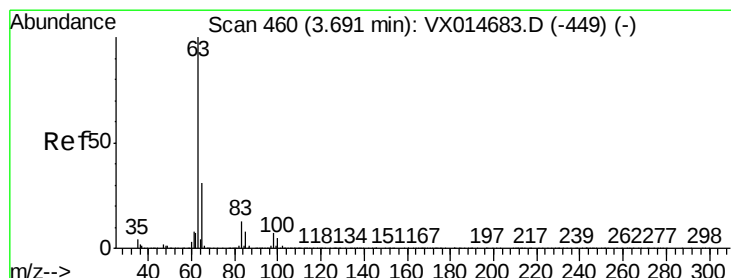
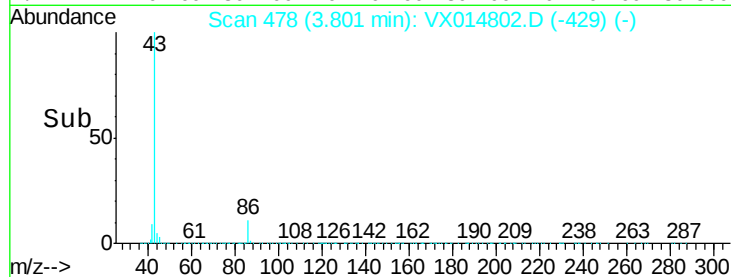
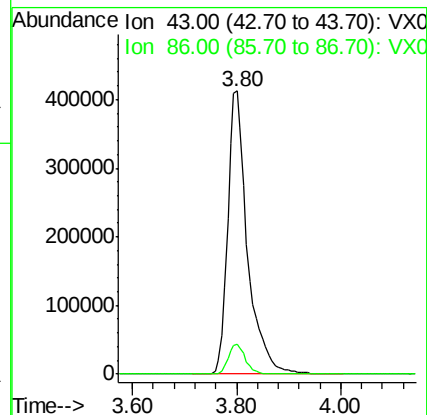
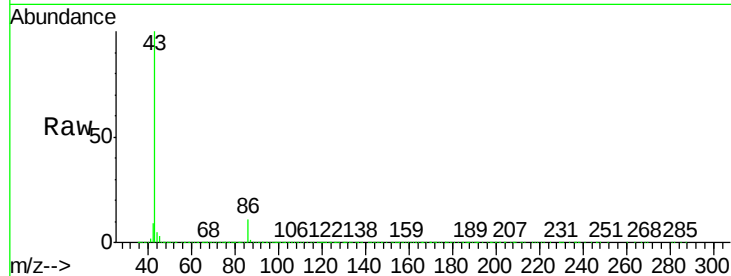
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6

Manual Integrations
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MMDadoda
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#24

1,1-Dichloroethane

Concen: 18.933 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

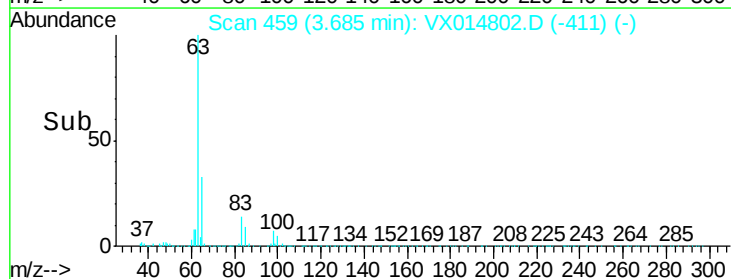
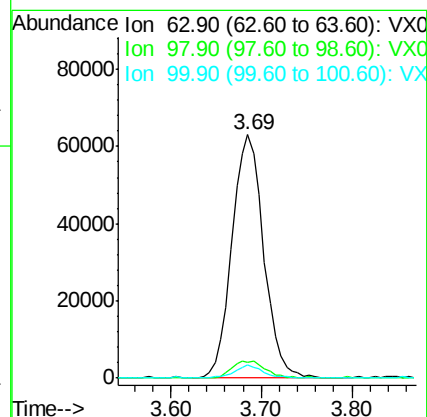
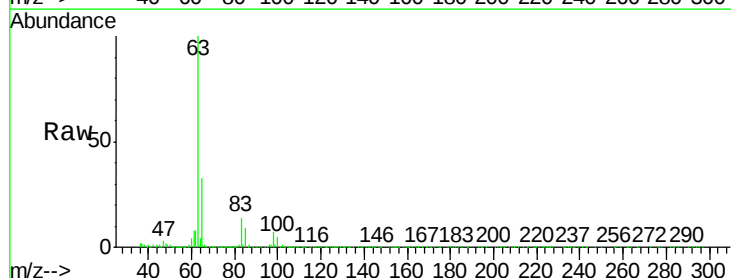
Tgt Ion: 63 Resp: 151779

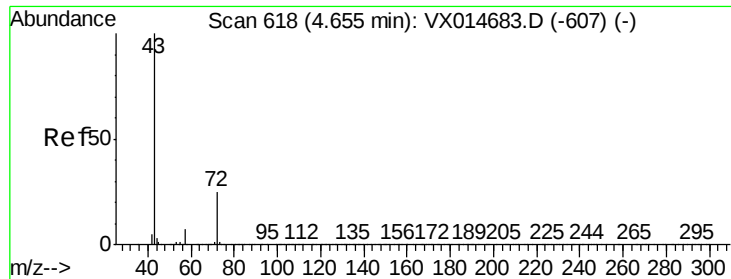
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 5.1 2.2 6.6





#25

2-Butanone

Concen: 86.608 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 43 Resp: 329772

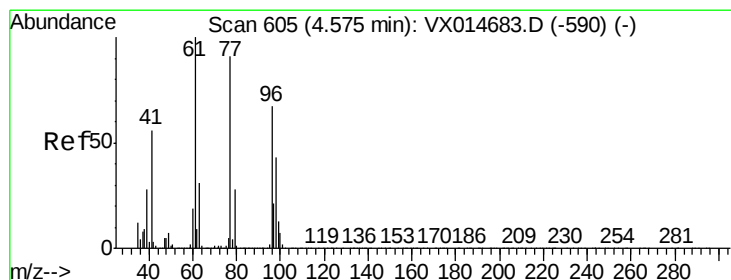
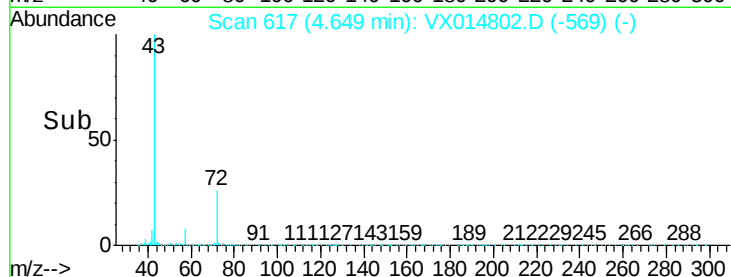
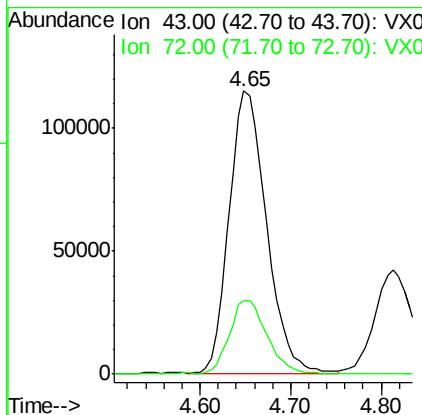
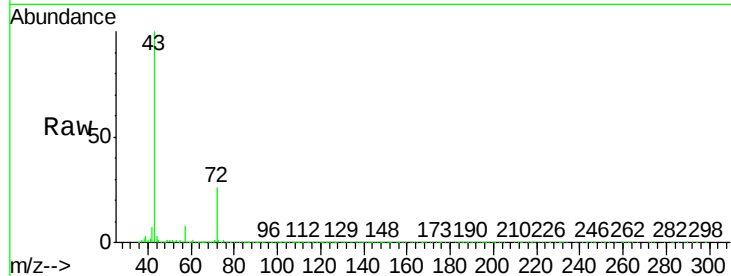
Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9

Manual Integrations
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2/5/2020 12:25:30 PM



#26

2,2-Dichloropropane

Concen: 19.453 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014802.D

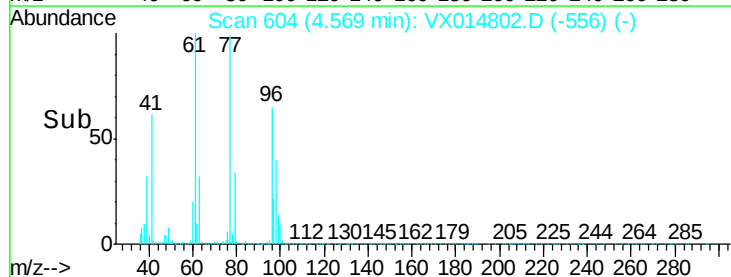
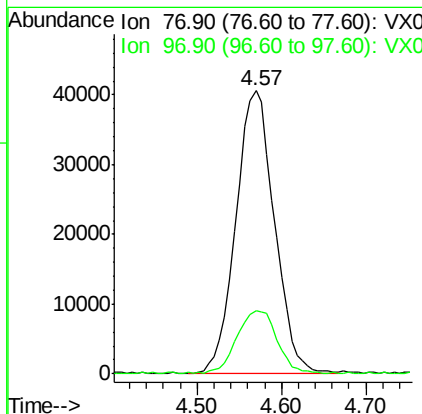
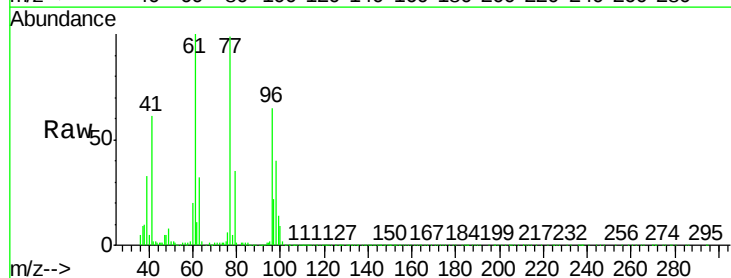
Acq: 04 Feb 2020 12:17

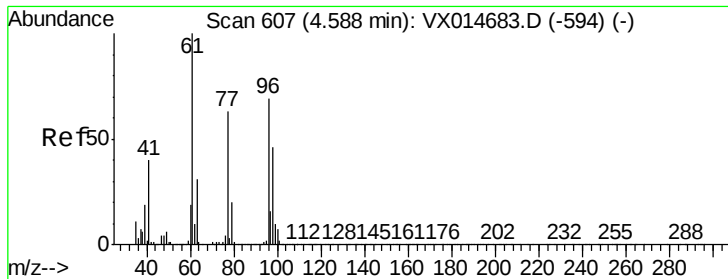
Tgt Ion: 77 Resp: 124825

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.3





#27

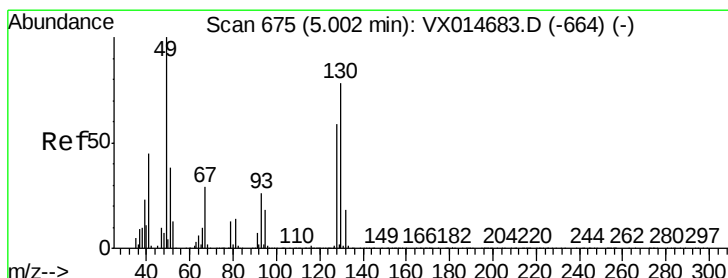
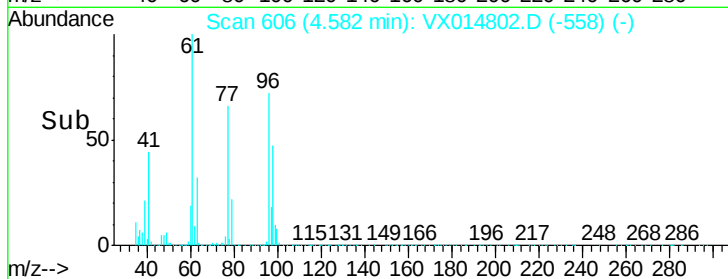
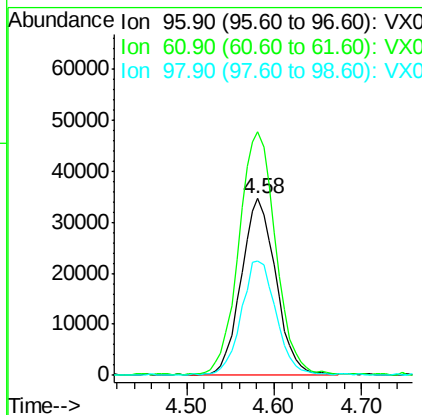
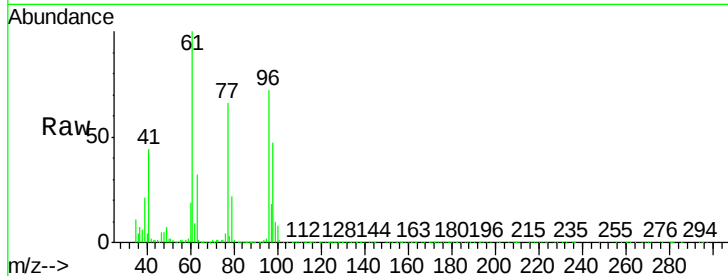
cis-1,2-Dichloroethene
Concen: 18.632 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	291.0
98	64.9	0.0	129.8

Manual Integrations
APPROVED

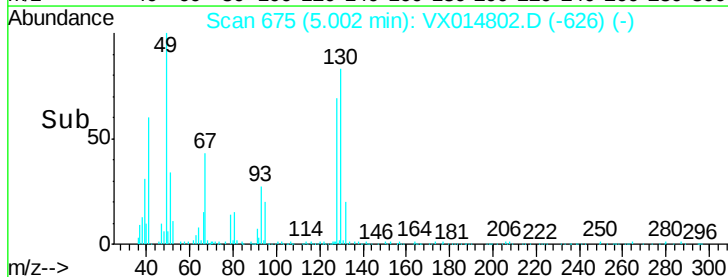
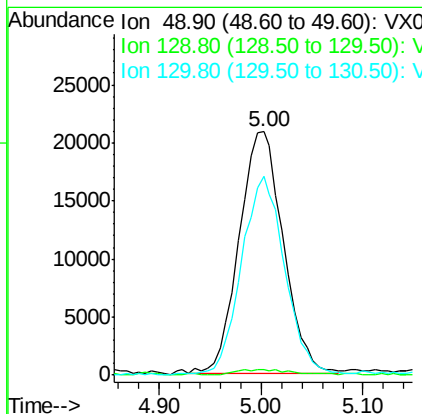
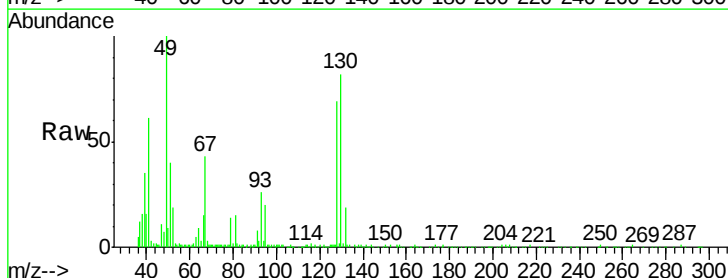
MMDadoda
2/5/2020 12:25:30 PM

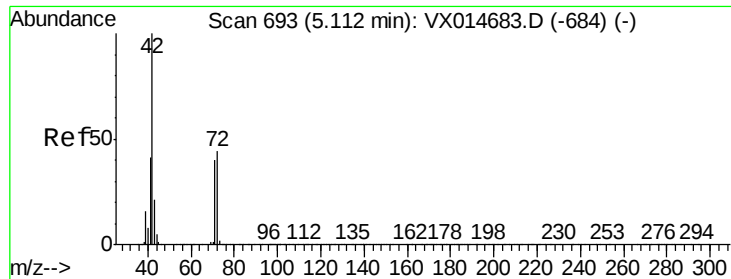


#28

Bromochloromethane
Concen: 17.725 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	79.5	62.4	93.6





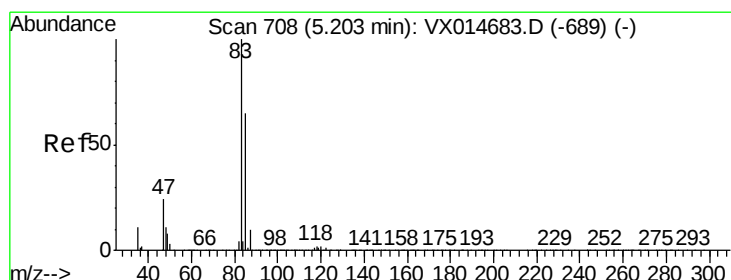
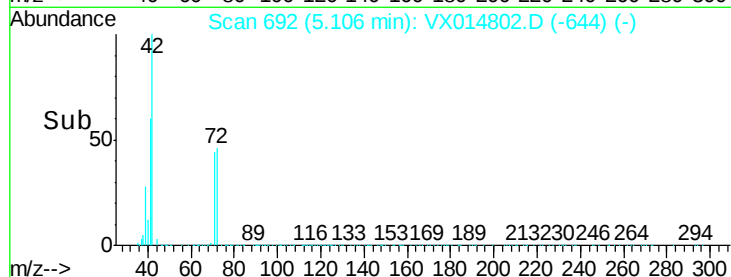
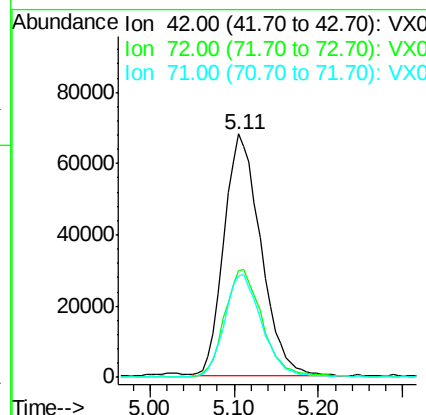
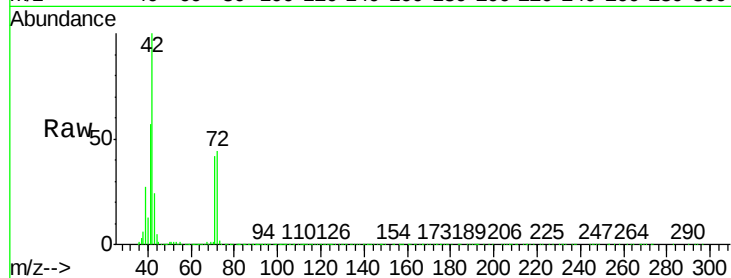
#29
Tetrahydrofuran
Concen: 89.126 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	35.3	52.9
71	43.8	33.1	49.7

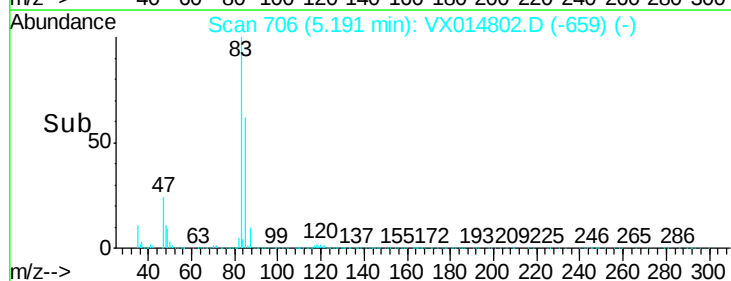
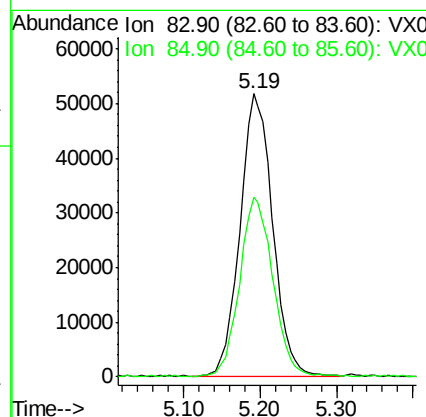
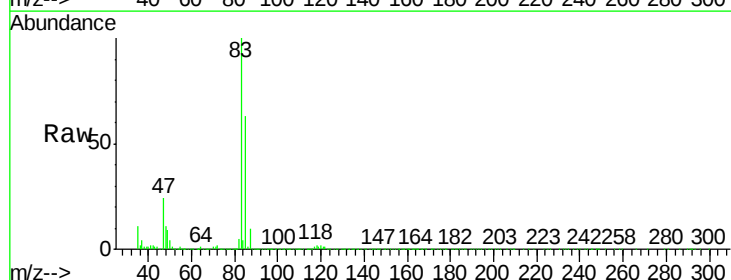
Manual Integrations
APPROVED

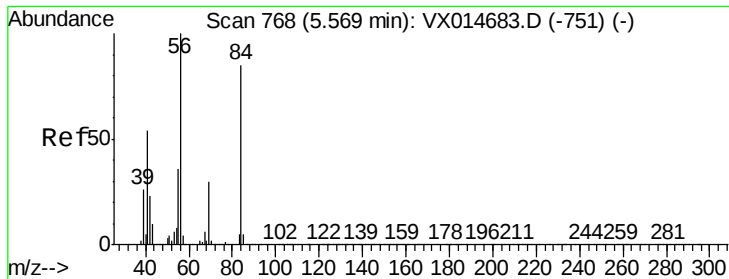
MMDadoda
2/5/2020 12:25:30 PM



#30
Chloroform
Concen: 19.196 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5





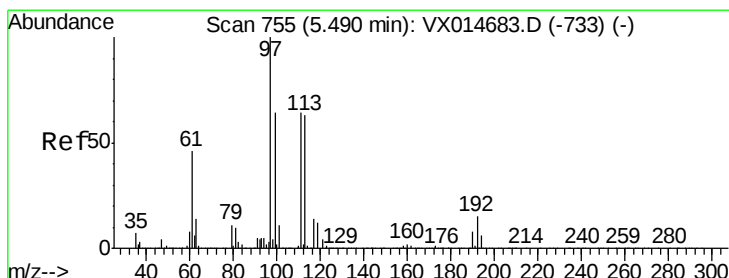
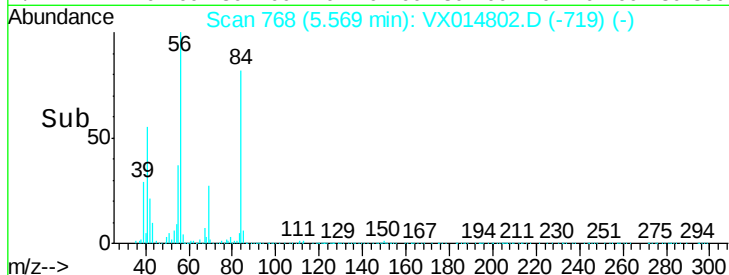
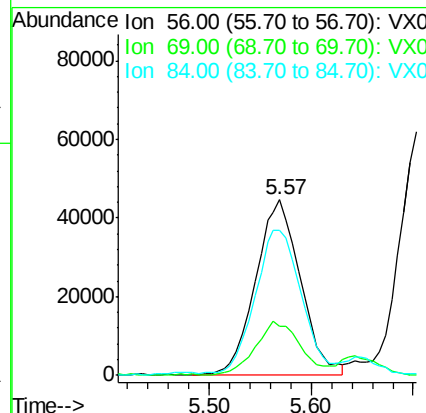
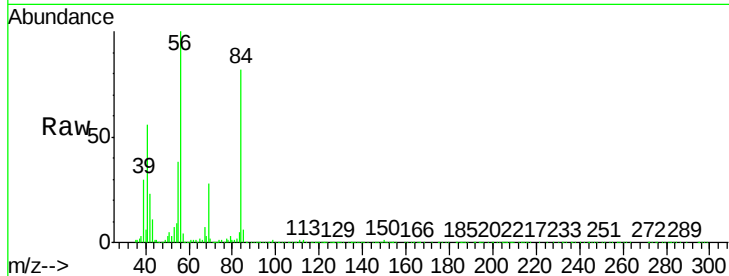
#31
Cyclohexane
Concen: 17.911 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.0	23.4	35.2
84	81.1	68.4	102.6

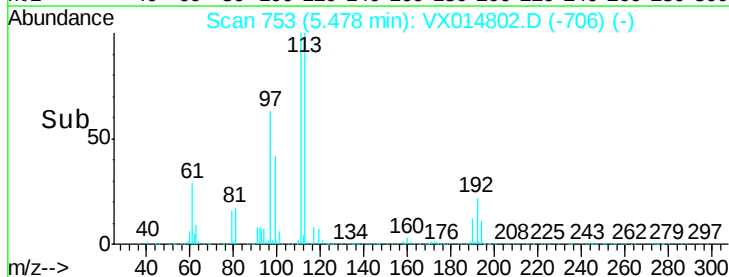
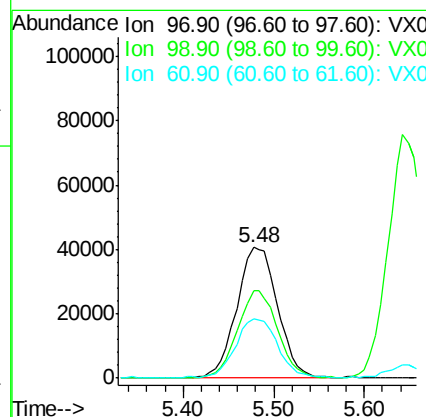
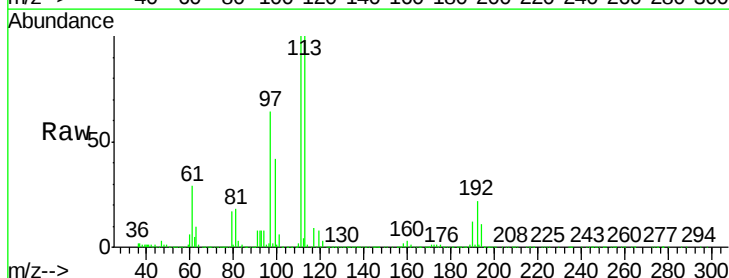
Manual Integrations
APPROVED

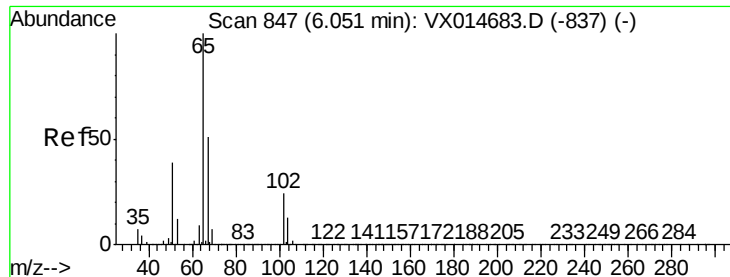
MMDadoda
2/5/2020 12:25:30 PM



#32
1,1,1-Trichloroethane
Concen: 18.793 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.7	52.3	78.5
61	46.8	37.2	55.8





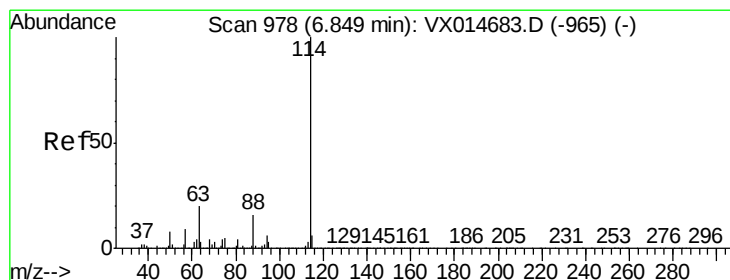
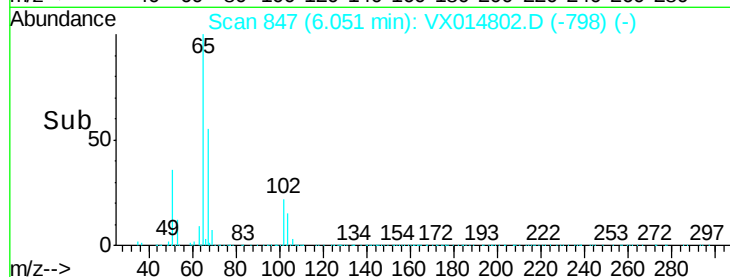
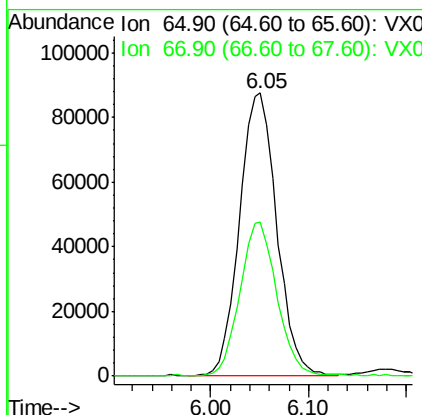
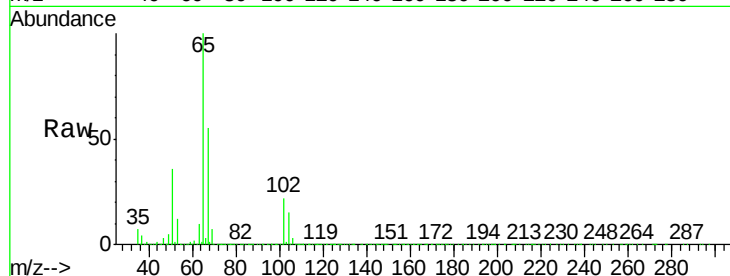
#33
 1,2-Dichloroethane-d4
 Concen: 48.054 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233013		
67	54.0	0.0	107.4	

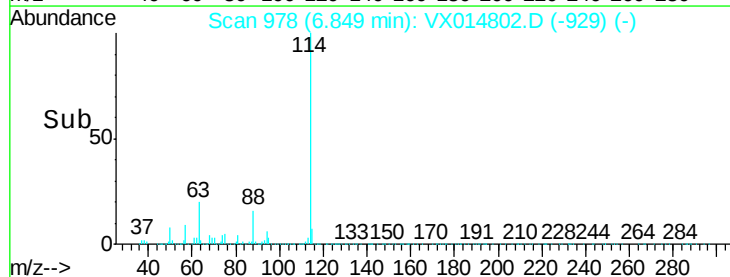
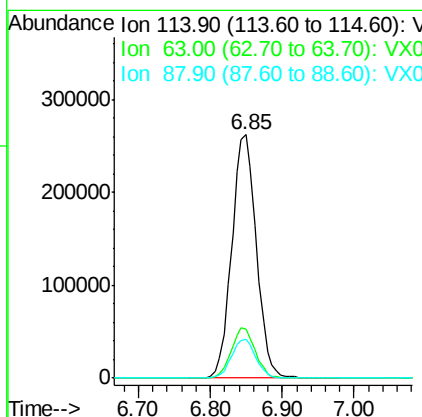
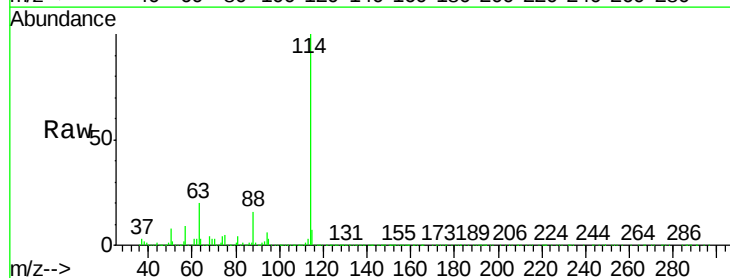
Manual Integrations
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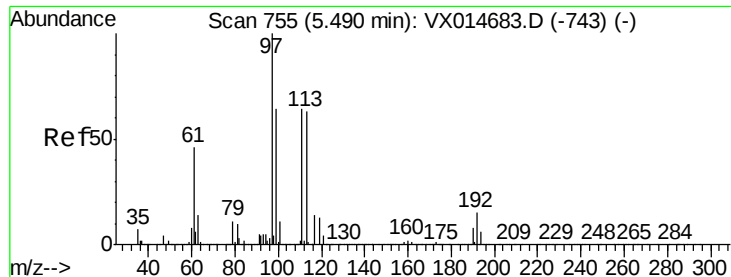
MMDadoda
 2/5/2020 12:25:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	620725		
63	20.1	0.0	40.6	
88	15.7	0.0	31.2	





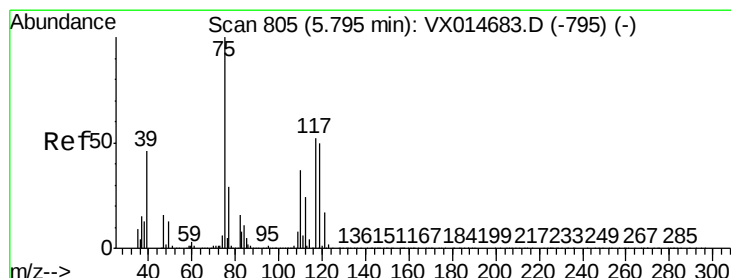
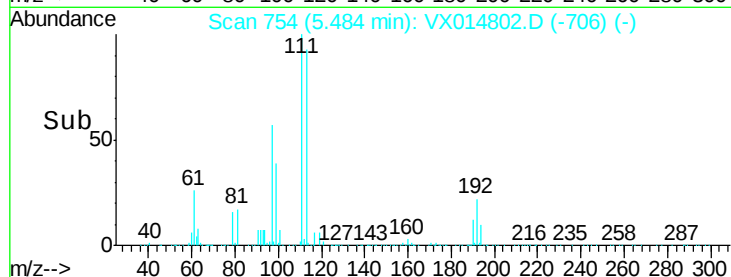
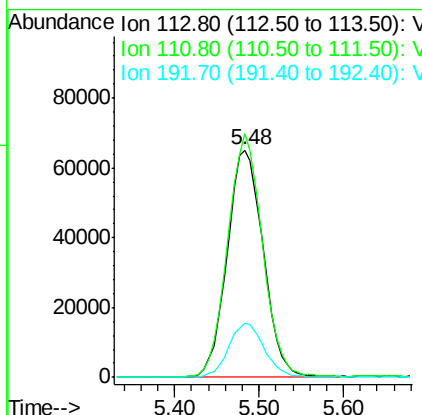
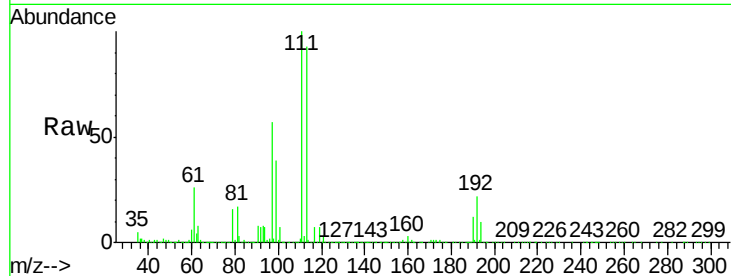
#35
 Dibromofluoromethane
 Concen: 48.051 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188204		
111	104.1	80.7	121.1	
192	23.6	18.5	27.7	

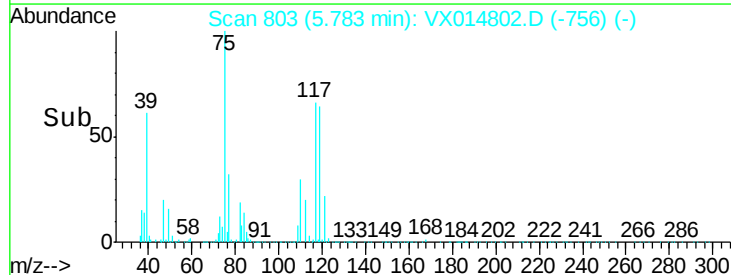
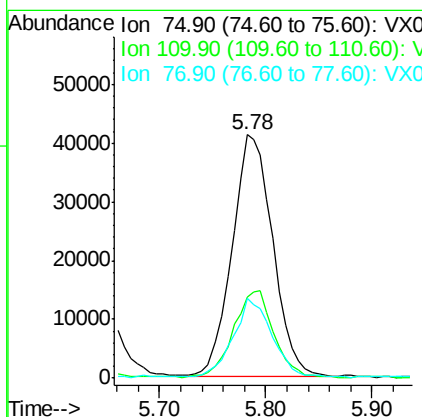
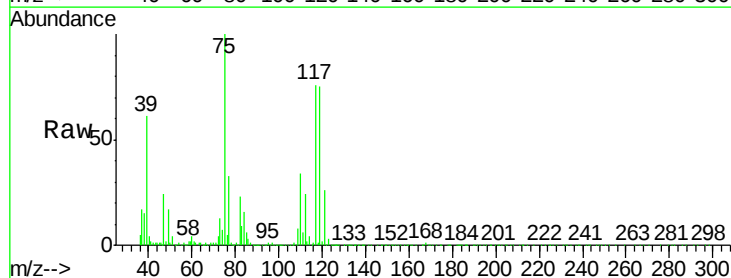
Manual Integrations
 APPROVED

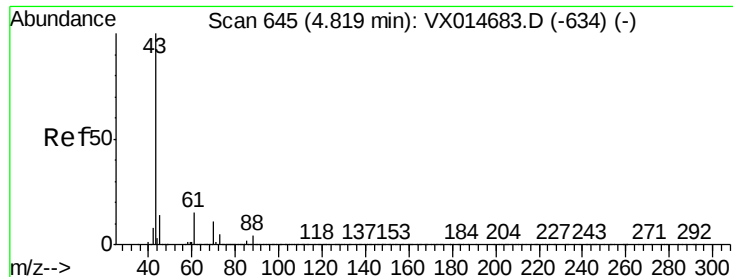
MMDadoda
 2/5/2020 12:25:30 PM



#36
 1,1-Dichloropropene
 Concen: 19.109 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	110215		
110	36.2	17.9	53.7	
77	30.8	24.1	36.1	





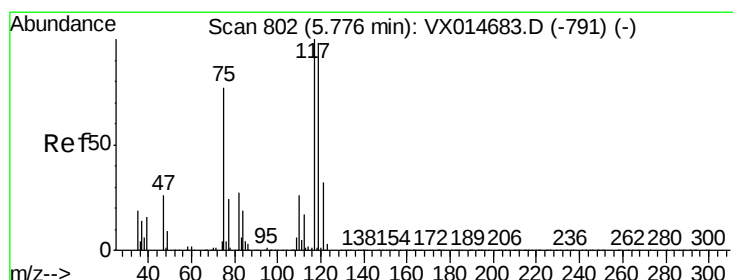
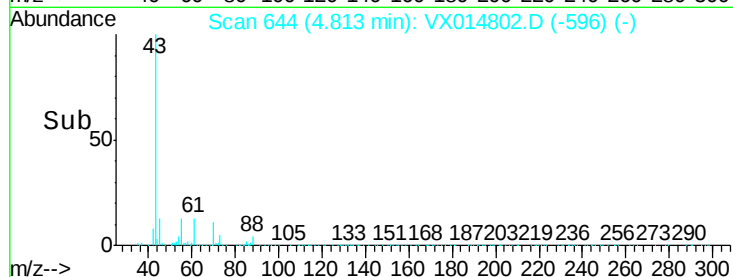
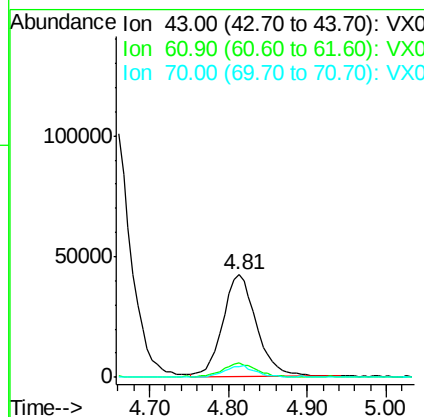
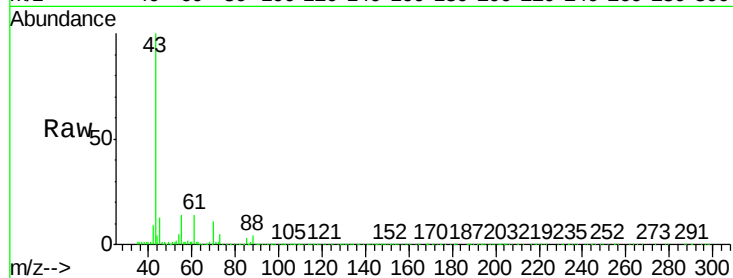
#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.0	16.4
70	11.3	8.5	12.7

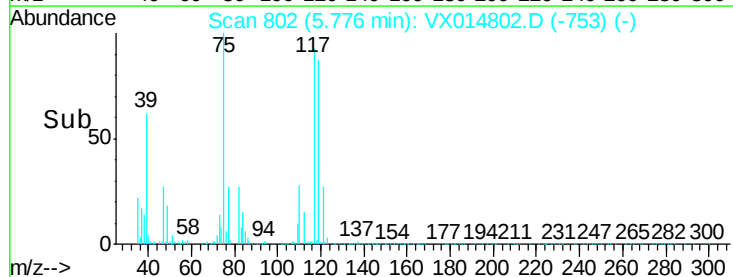
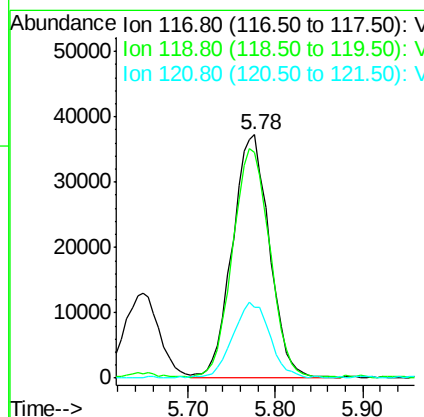
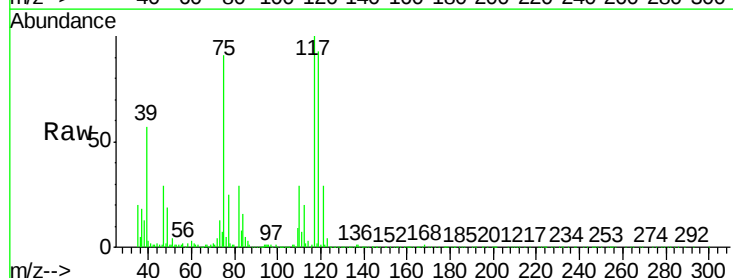
Manual Integrations
APPROVED

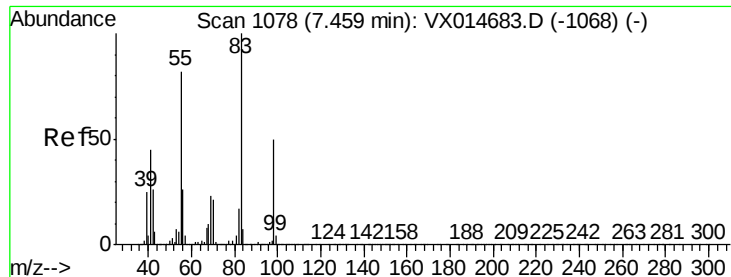
MMDadoda
2/5/2020 12:25:30 PM



#38
Carbon Tetrachloride
Concen: 19.788 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.9	116.9
121	28.6	25.4	38.2





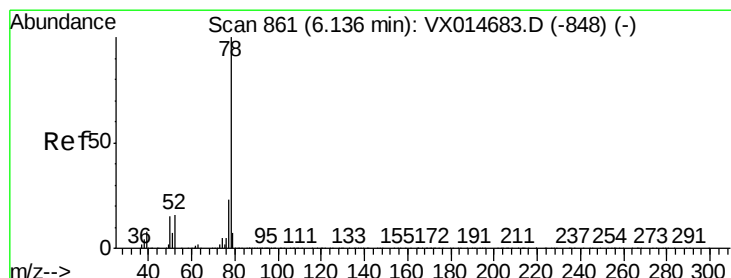
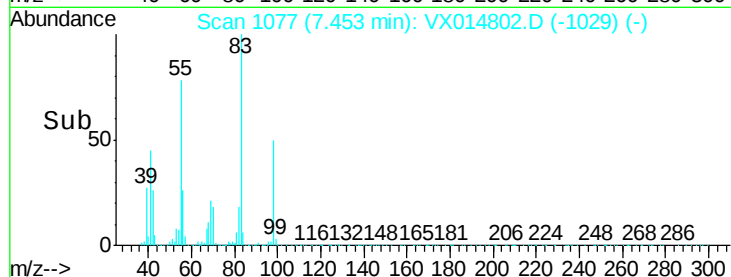
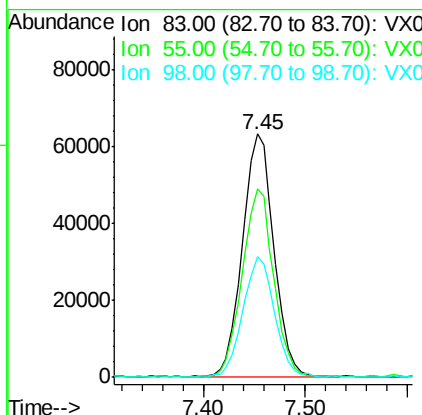
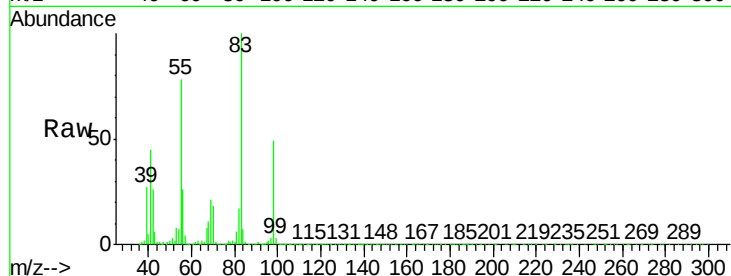
#39
Methvlcvclohexane
Concen: 18.872 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	65.6	98.4
98	49.4	40.2	60.4

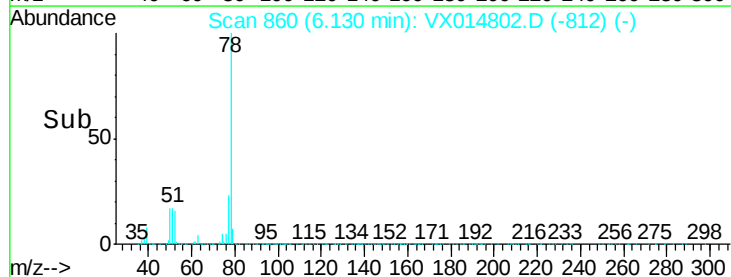
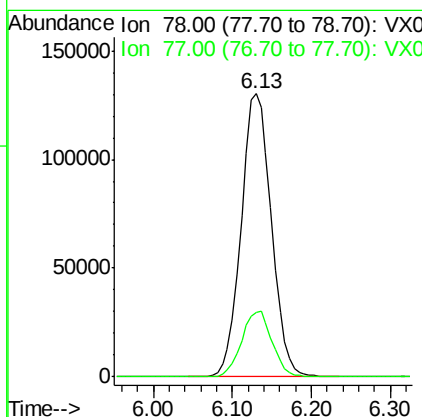
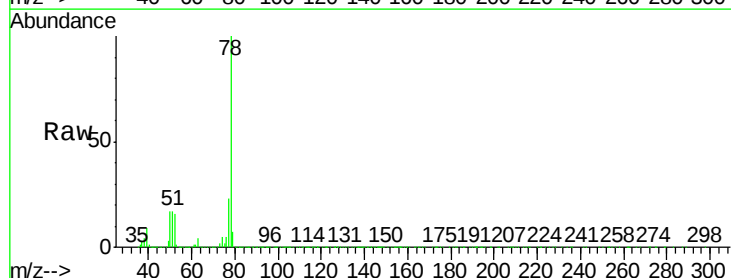
Manual Integrations
APPROVED

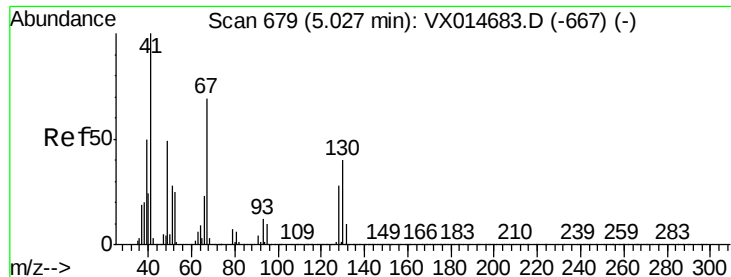
MMDadoda
2/5/2020 12:25:30 PM



#40
Benzene
Concen: 19.413 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





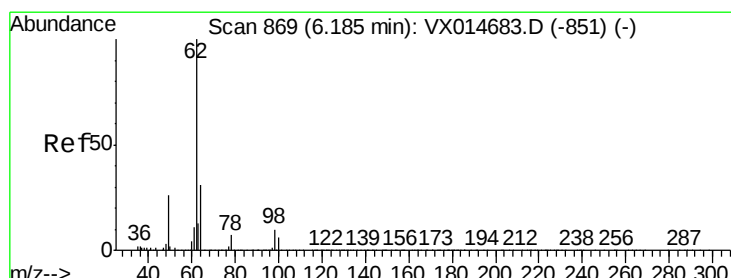
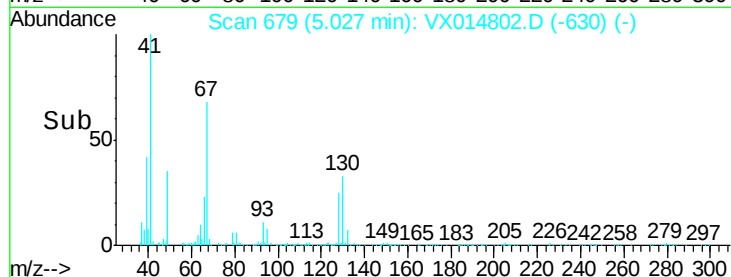
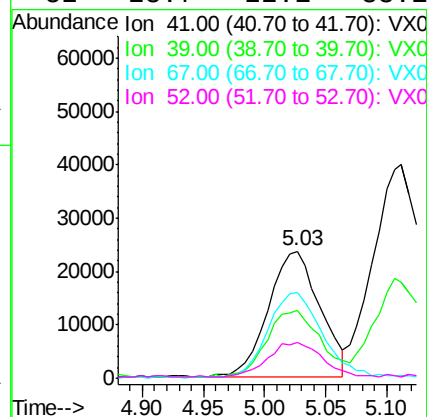
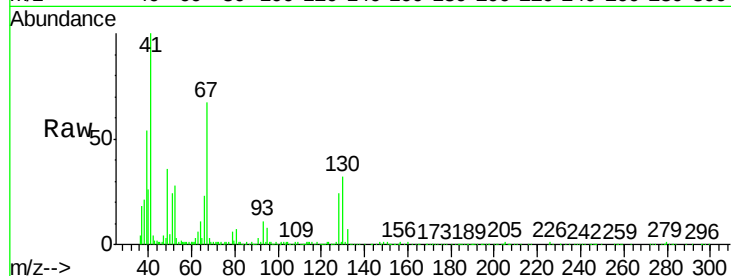
#41
Methacrylonitrile
Concen: 18.310 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	42.2	63.2	
67	70.5	55.4	83.0	
52	28.7	22.1	33.1	

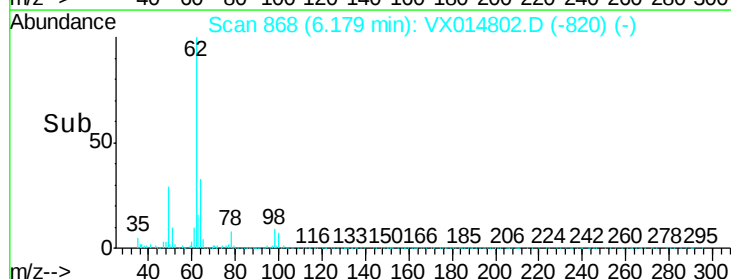
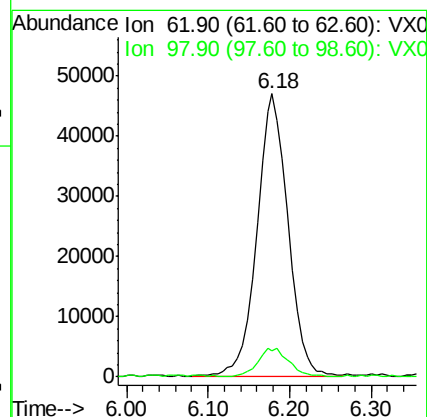
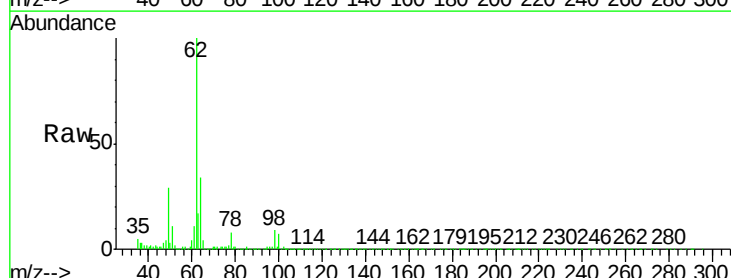
Manual Integrations
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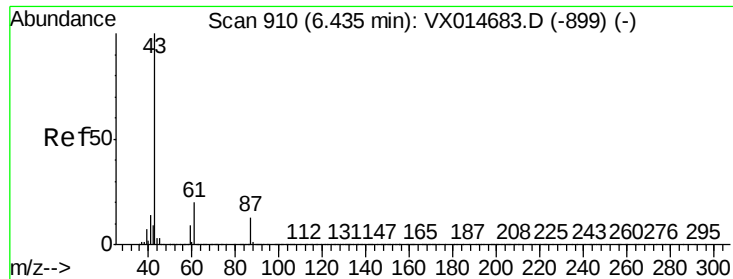
MMDadoda
2/5/2020 12:25:30 PM



#42
1,2-Dichloroethane
Concen: 20.048 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.0	





#43

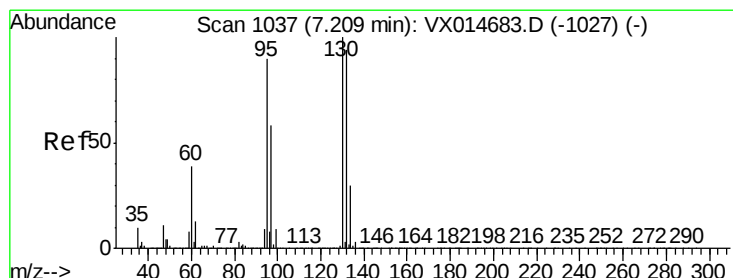
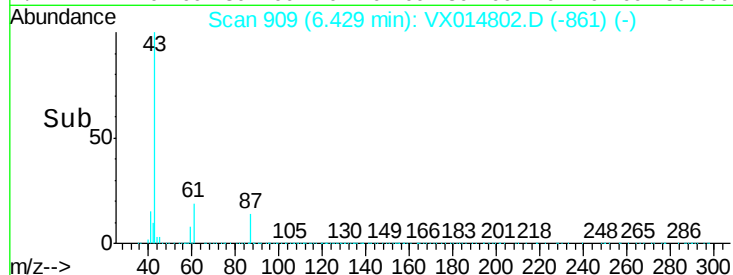
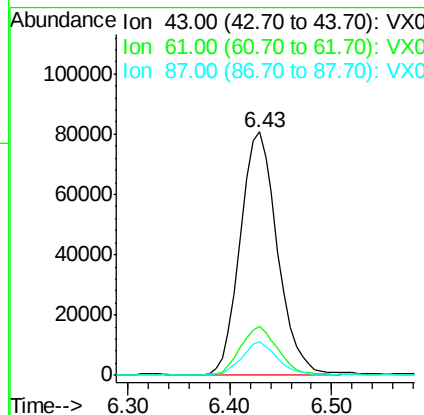
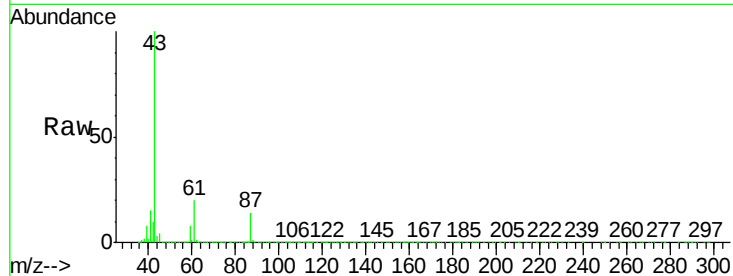
Isopropyl Acetate
 Concen: 18.806 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0204WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.0	10.5	15.7

Manual Integrations
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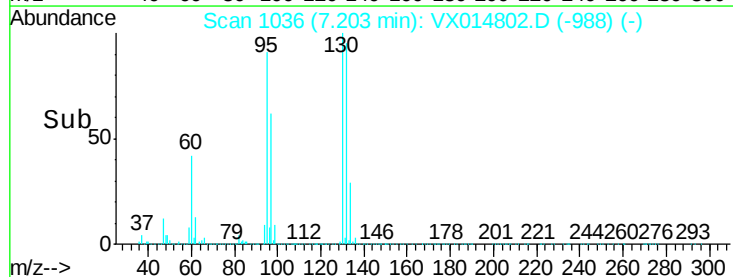
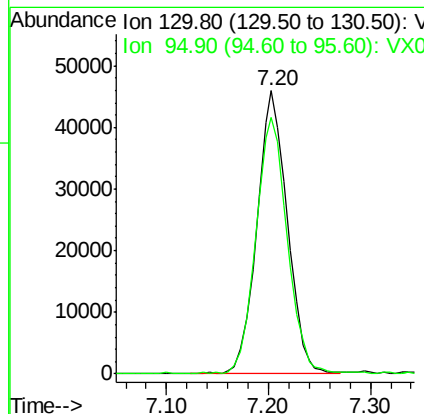
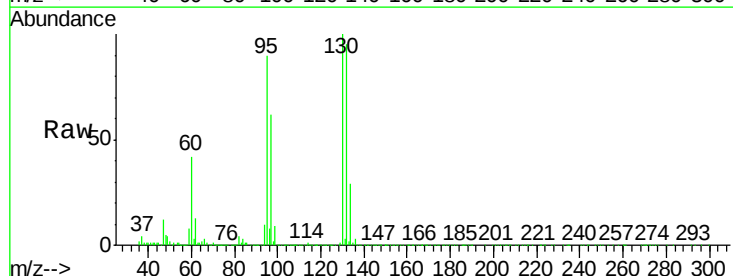
MMDadoda
 2/5/2020 12:25:30 PM

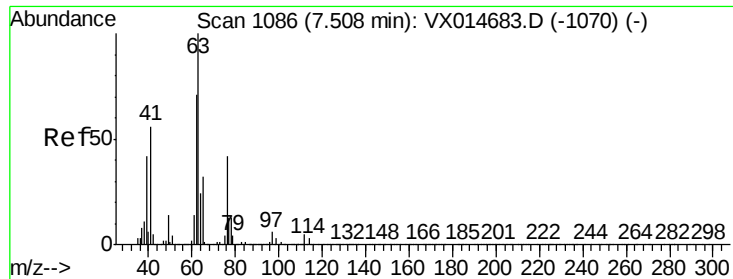


#44

Trichloroethene
 Concen: 18.840 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.630 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 63 Resp: 90123

Ion Ratio Lower Upper

63 100

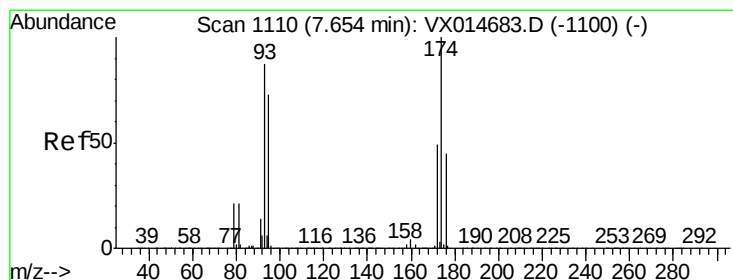
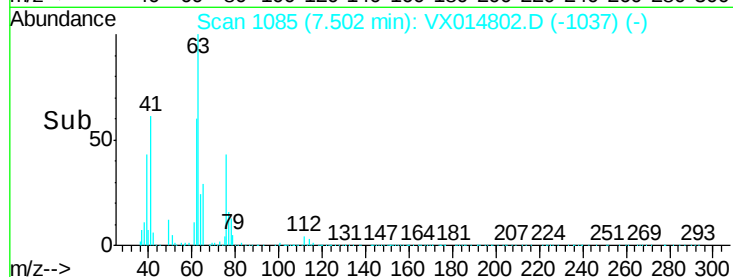
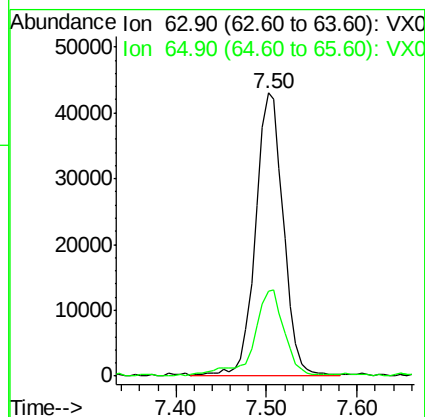
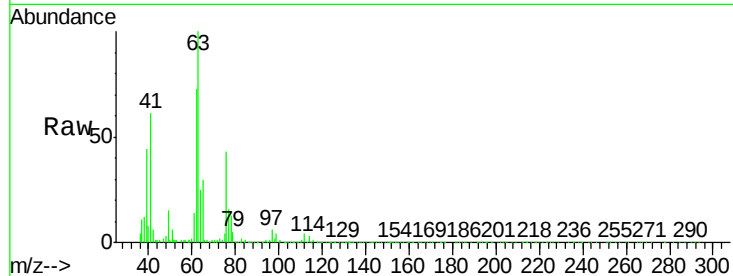
65 29.7 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 20.007 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

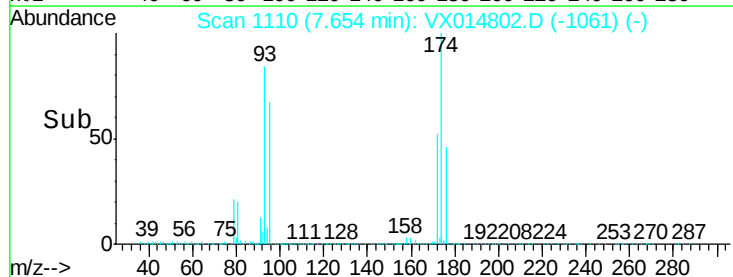
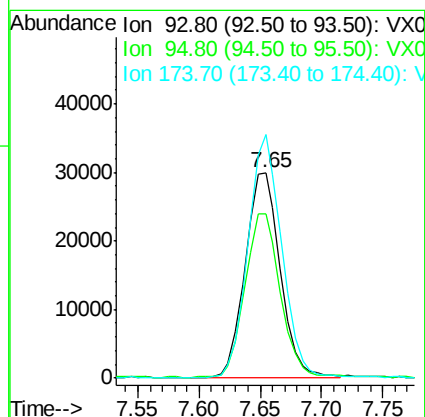
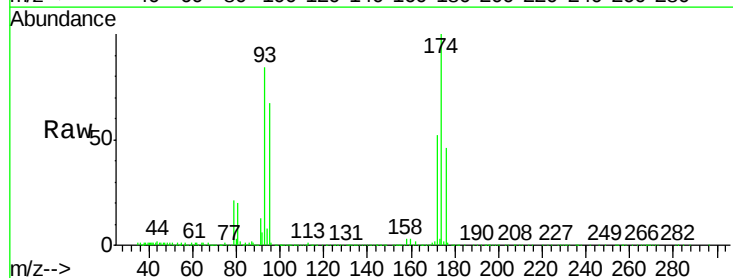
Tgt Ion: 93 Resp: 59491

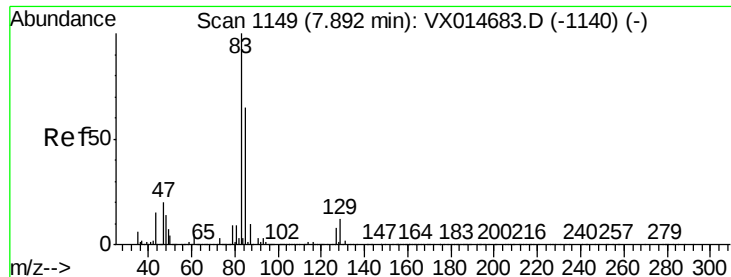
Ion Ratio Lower Upper

93 100

95 80.8 67.0 100.4

174 115.7 90.2 135.2





#47

Bromodichloromethane

Concen: 20.177 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

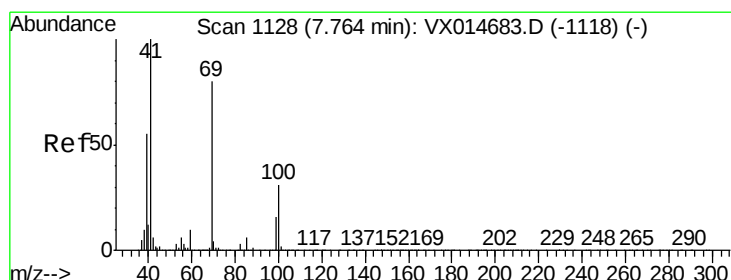
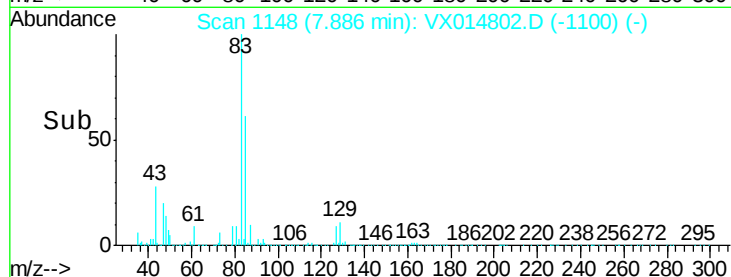
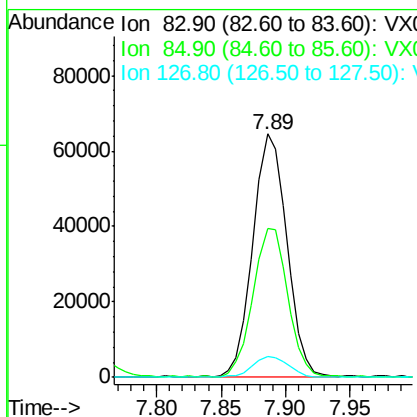
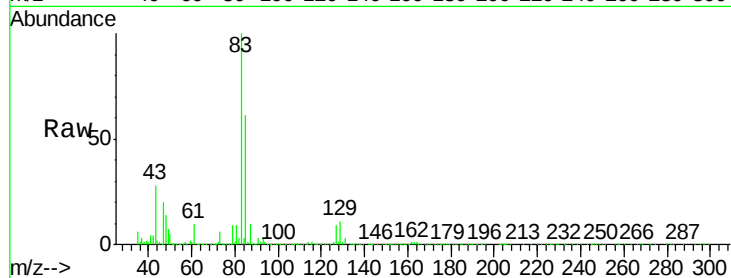
ClientSampled :

VX0204WBS01

Tot Ion:	83	Resp:	117673
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.2	78.2
127	8.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.581 ug/l

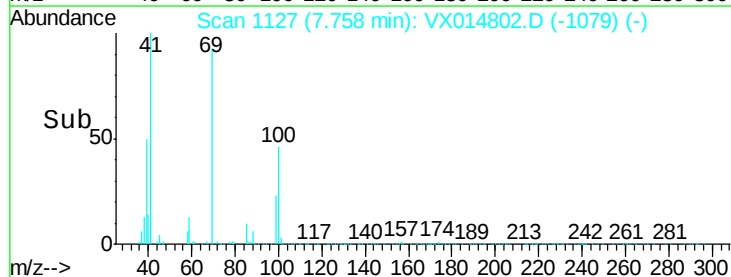
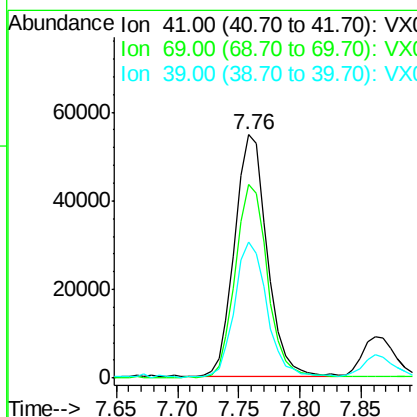
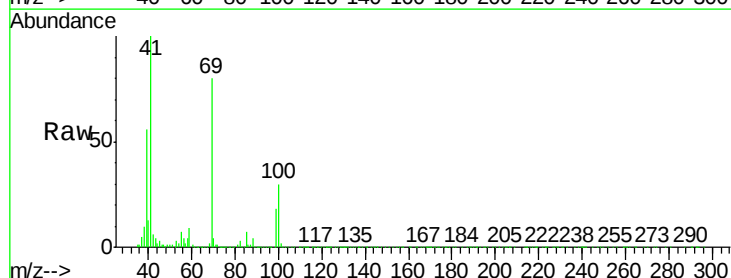
RT: 7.76 min Scan# 1127

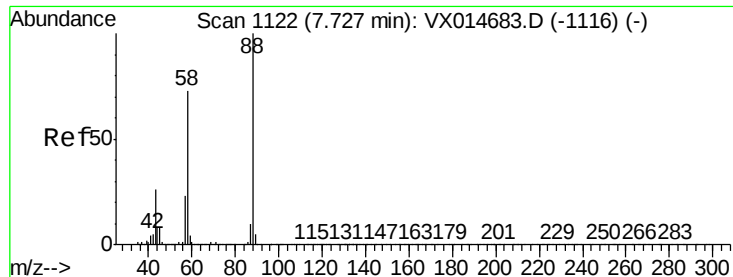
Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	41	Resp:	101209
Ion	Ratio	Lower	Upper
41	100		
69	78.7	63.5	95.3
39	55.3	43.7	65.5





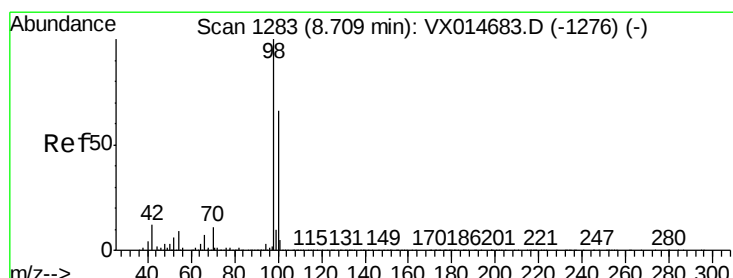
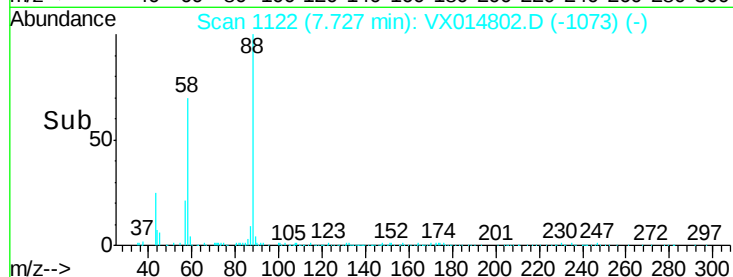
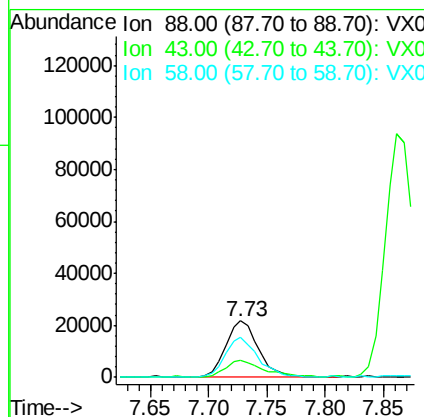
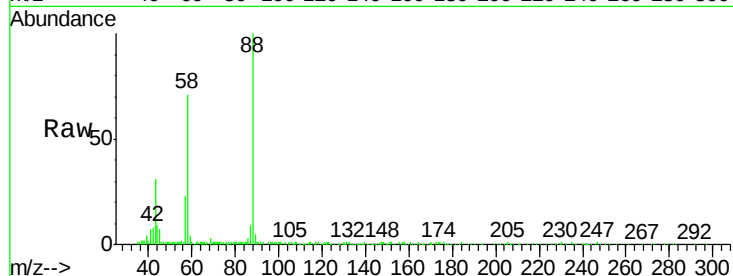
#49
1,4-Dioxane
Concen: 377.957 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.2	39.2
58	71.1	56.6	85.0

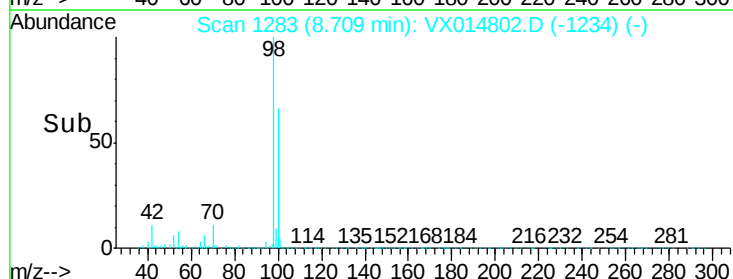
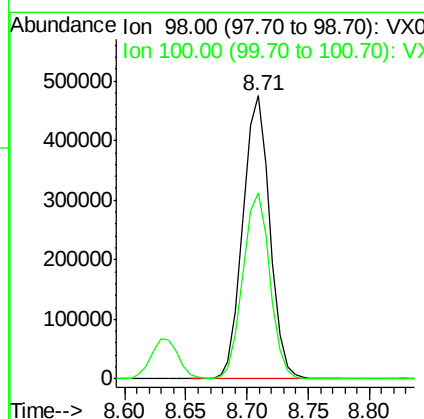
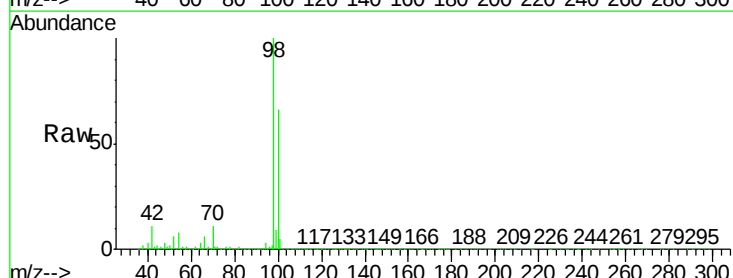
Manual Integrations
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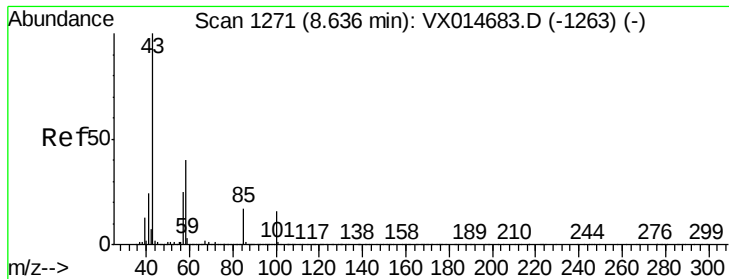
MMDadoda
2/5/2020 12:25:30 PM



#50
Toluene-d8
Concen: 48.157 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 94.934 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion: 43 Resp: 648172

Ion Ratio Lower Upper

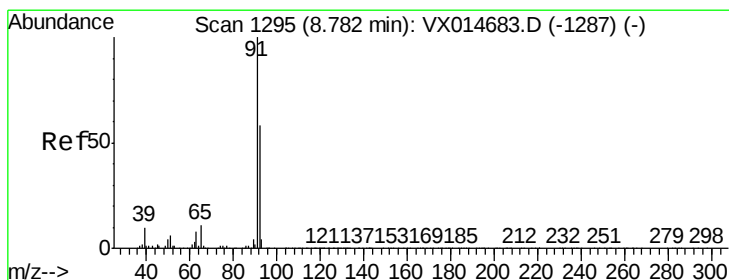
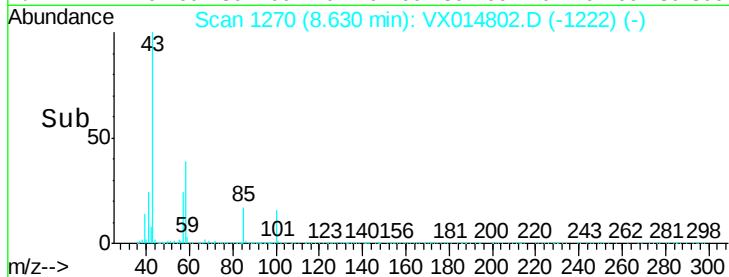
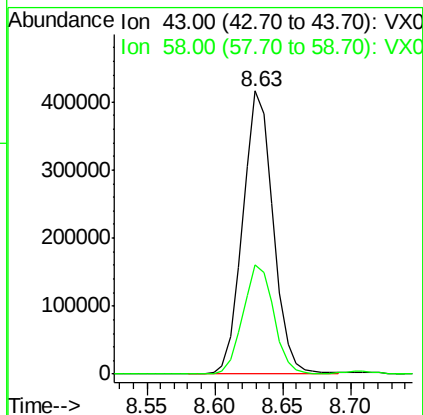
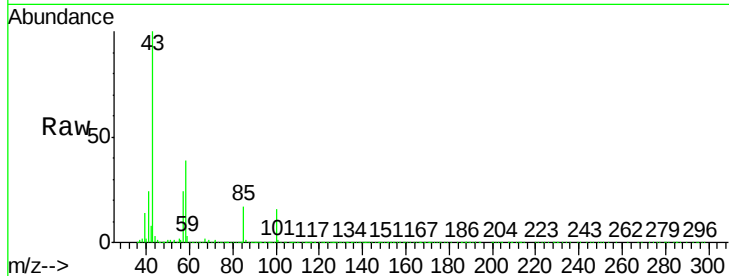
43 100

58 39.1 31.6 47.4

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#52

Toluene

Concen: 19.799 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014802.D

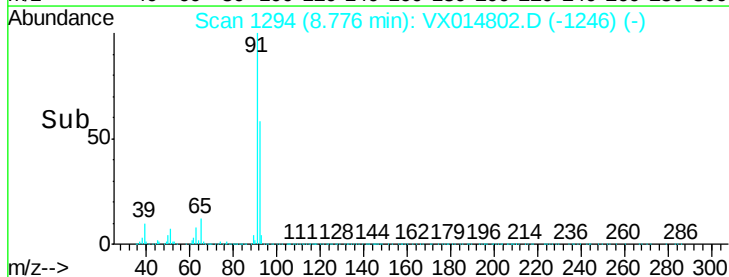
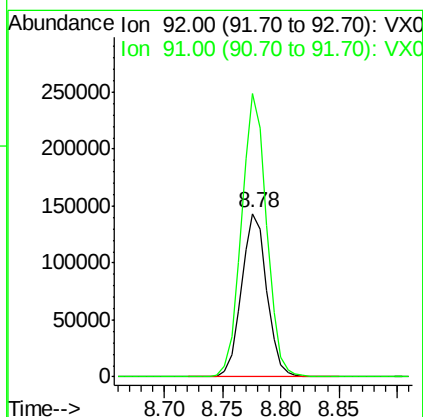
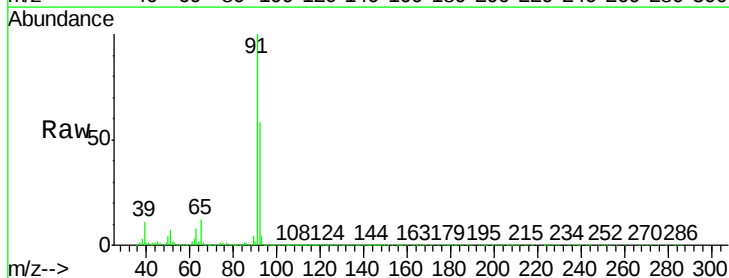
Acq: 04 Feb 2020 12:17

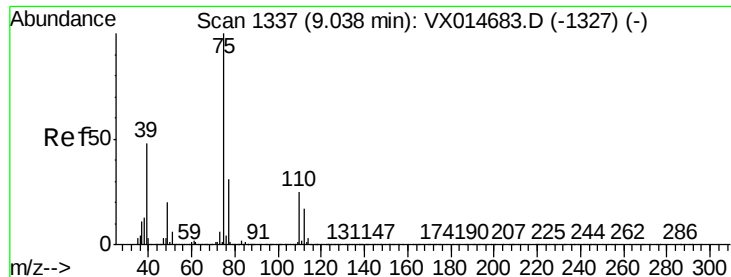
Tgt Ion: 92 Resp: 216892

Ion Ratio Lower Upper

92 100

91 172.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.868 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 75 Resp: 124764

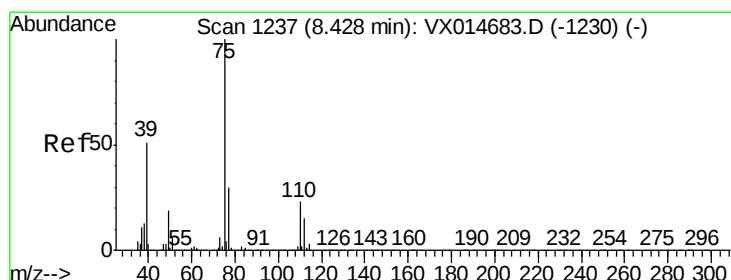
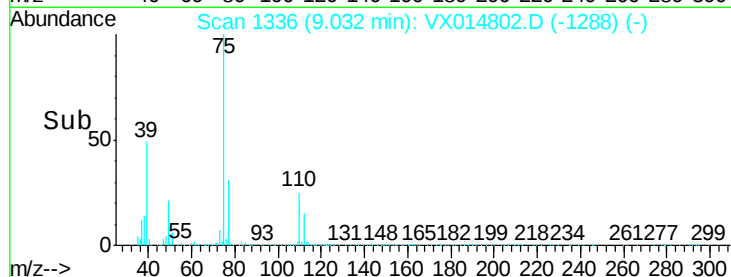
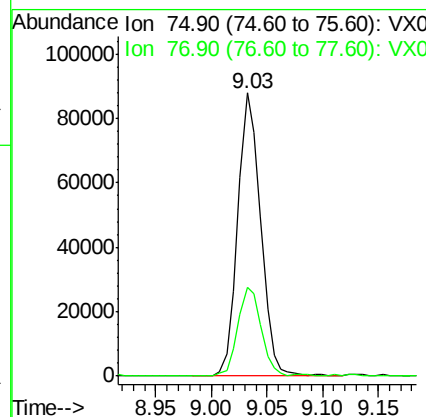
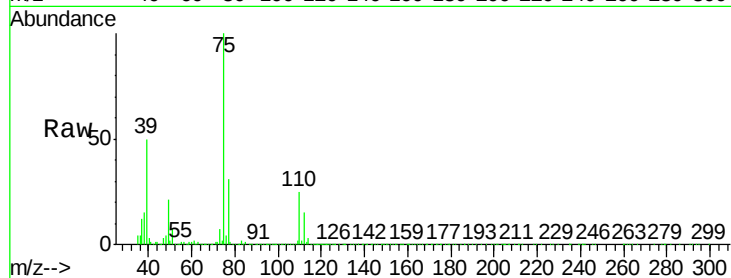
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.191 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

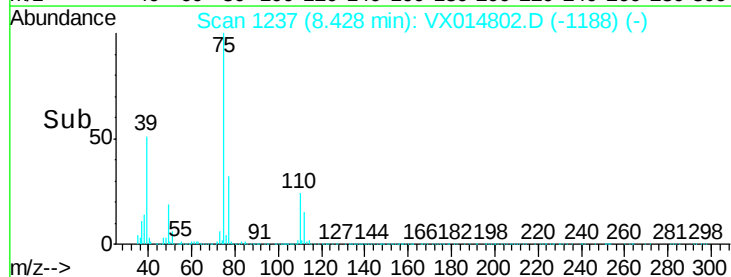
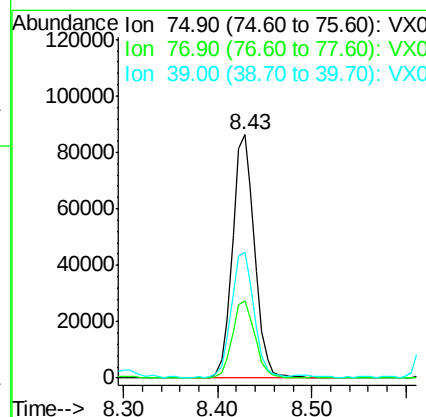
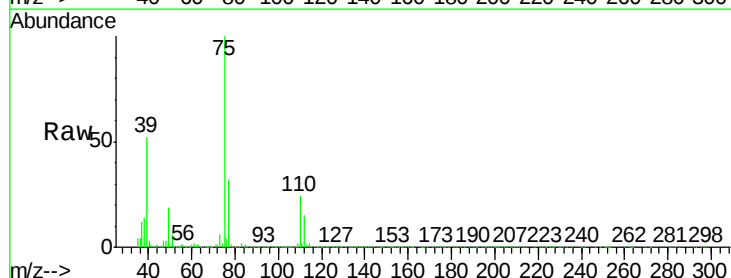
Tgt Ion: 75 Resp: 139481

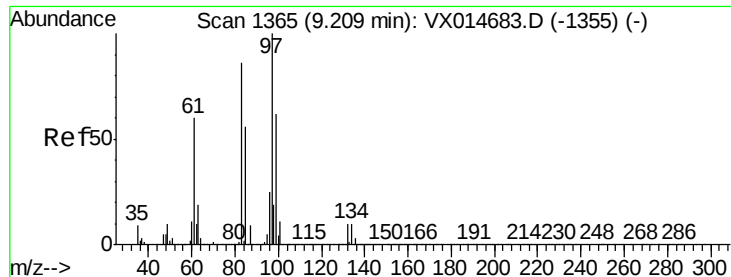
Ion Ratio Lower Upper

75 100

77 31.6 23.9 35.9

39 51.4 40.9 61.3





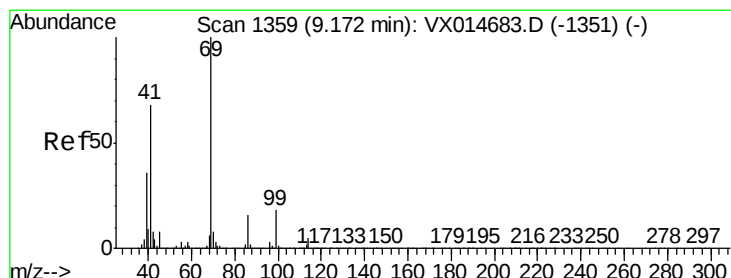
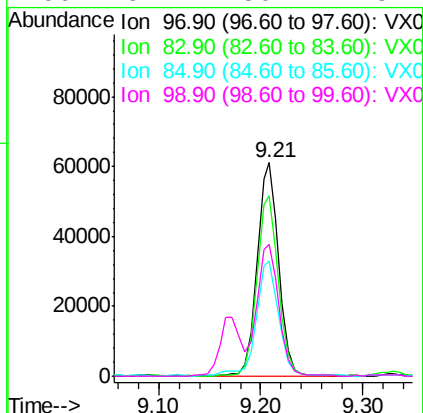
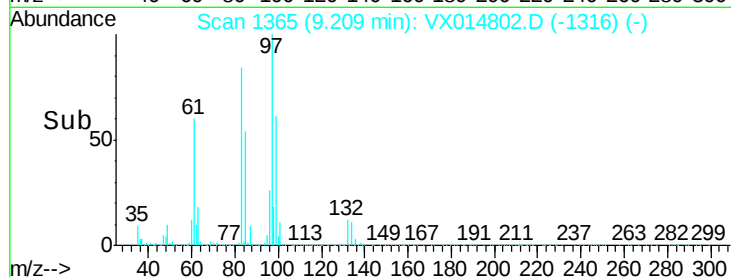
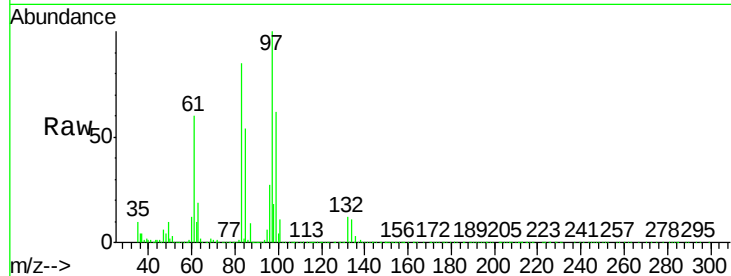
#55
 1,1,2-Trichloroethane
 Concen: 20.237 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBS01

Tot Ion:	97	Resp:	90767
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	54.0	44.6	67.0
99	61.4	50.1	75.1

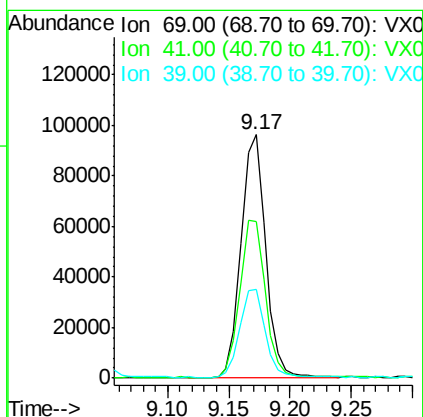
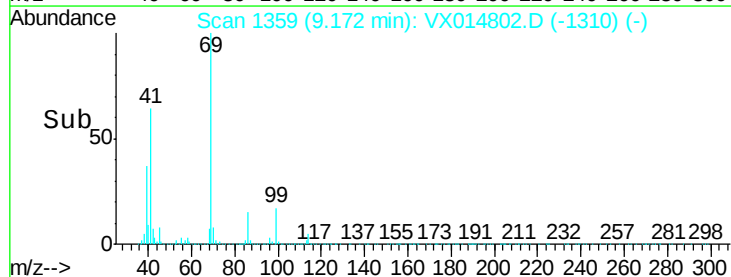
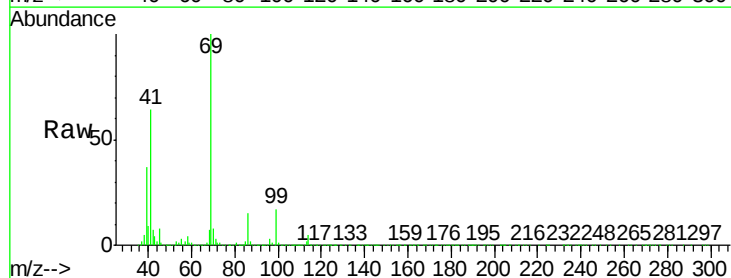
Manual Integrations
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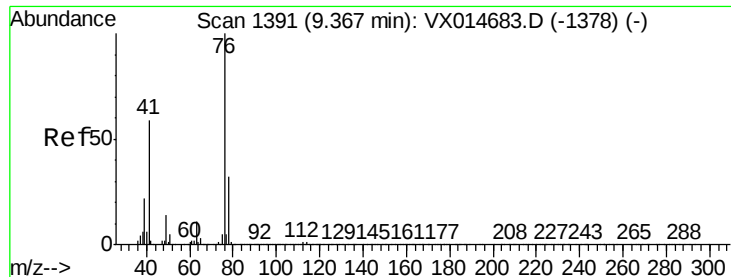
MMDadoda
 2/5/2020 12:25:30 PM



#56
 Ethyl methacrylate
 Concen: 18.820 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014802.D
 Acq: 04 Feb 2020 12:17

Tgt Ion:	69	Resp:	134329
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.9	82.3
39	37.1	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.771 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 76 Resp: 151588

Ion Ratio Lower Upper

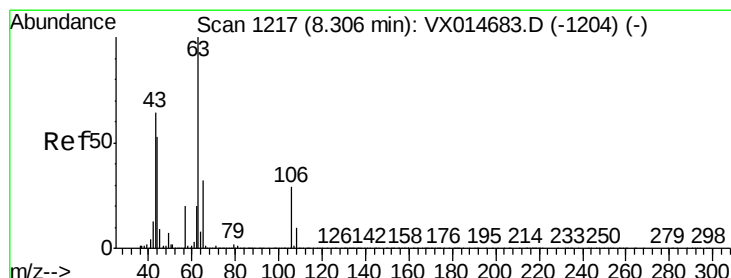
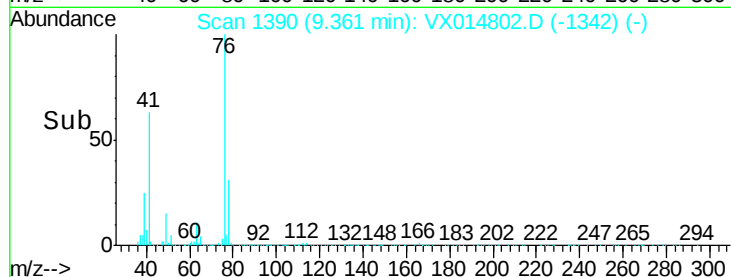
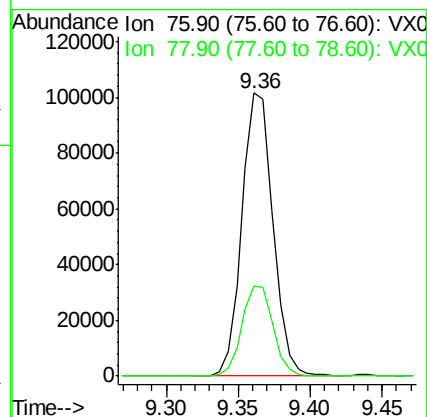
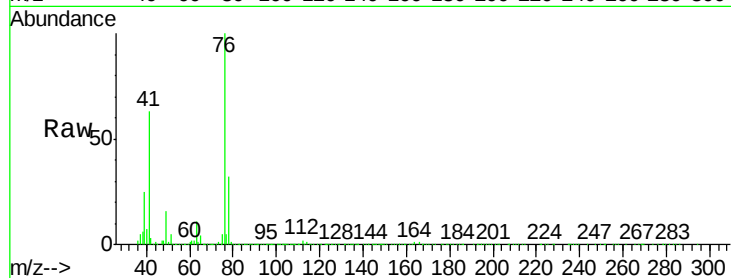
76 100

78 32.3 26.0 39.0

Manual Integrations
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2/5/2020 12:25:30 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.191 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014802.D

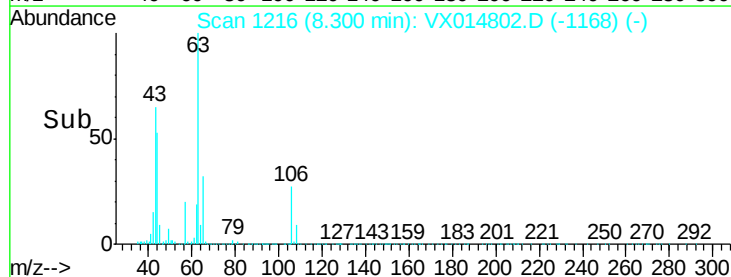
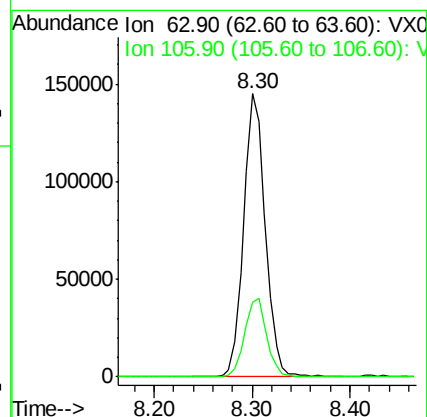
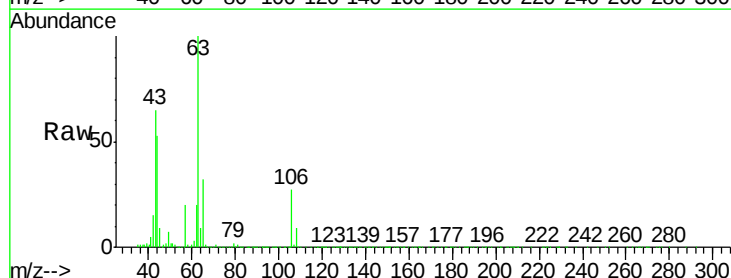
Acq: 04 Feb 2020 12:17

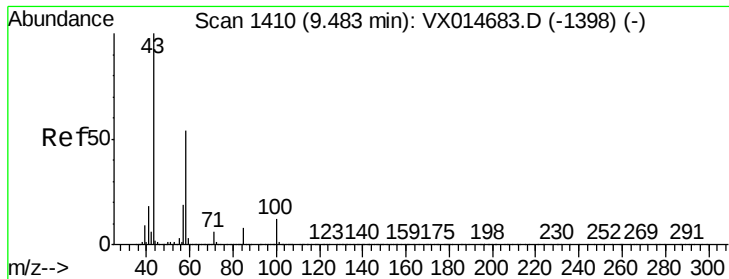
Tgt Ion: 63 Resp: 221481

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1





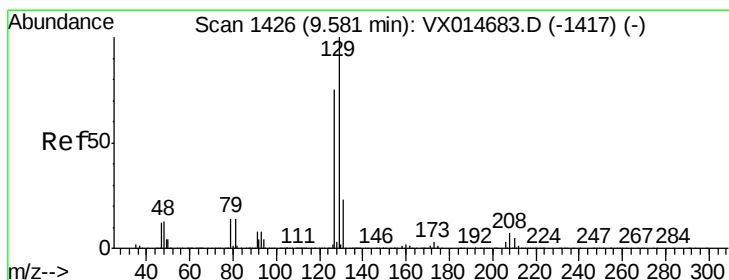
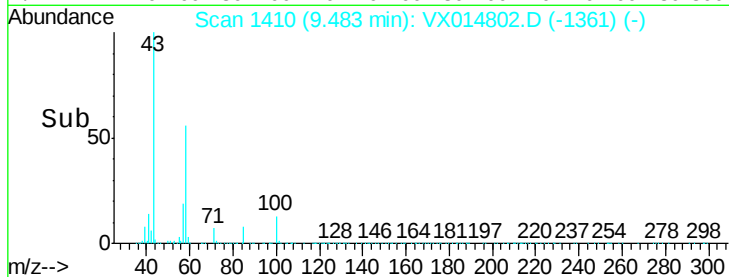
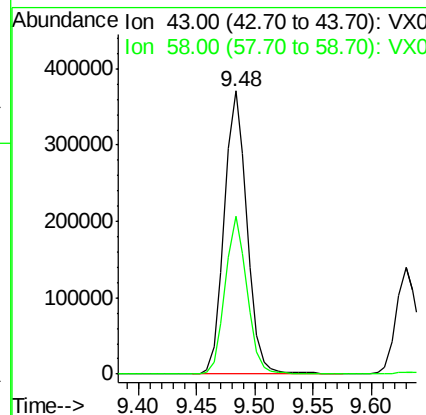
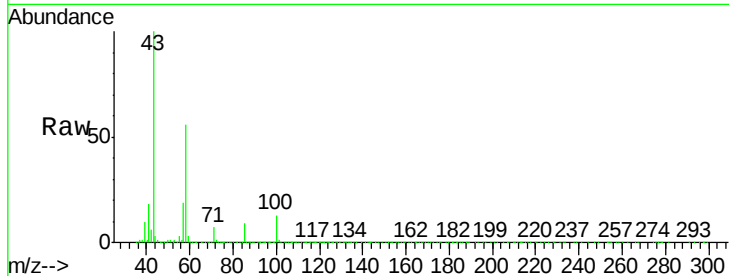
#59
2-Hexanone
Concen: 93.592 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion: 43 Resp: 495859
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5

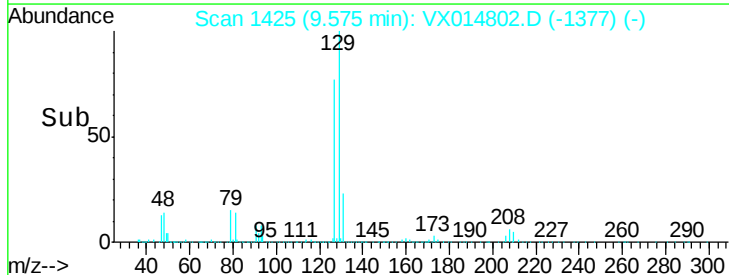
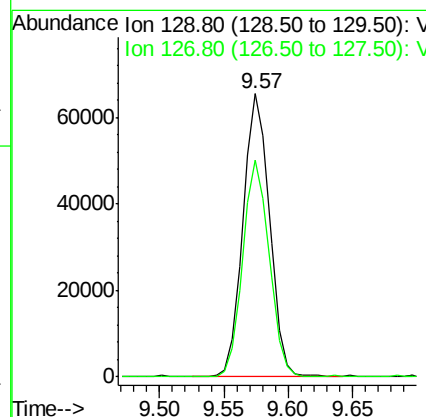
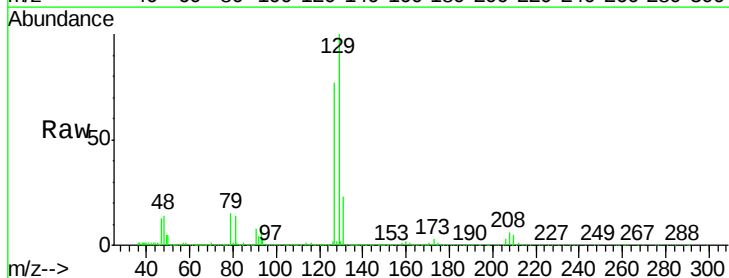
Manual Integrations
APPROVED

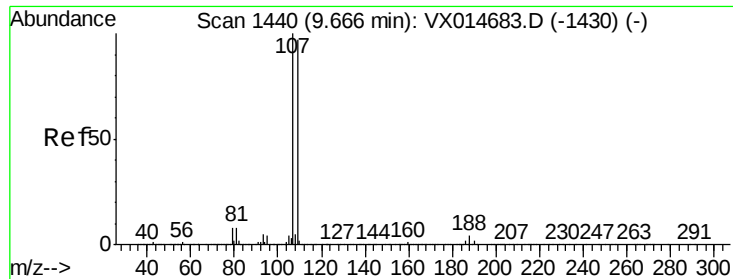
MMDadoda
2/5/2020 12:25:30 PM



#60
Dibromochloromethane
Concen: 19.925 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 129 Resp: 93278
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.877 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion:107 Resp: 94261

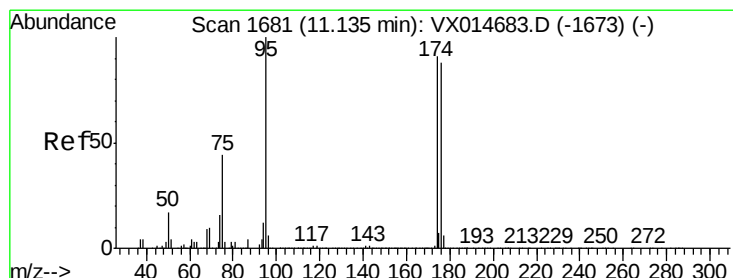
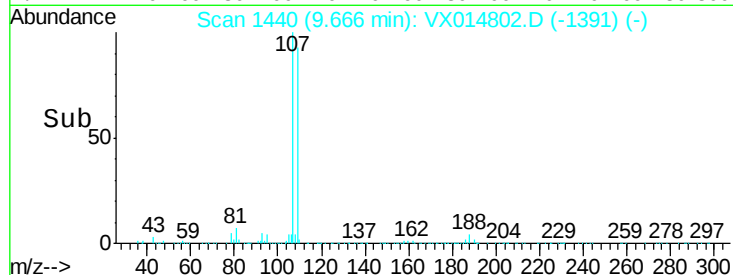
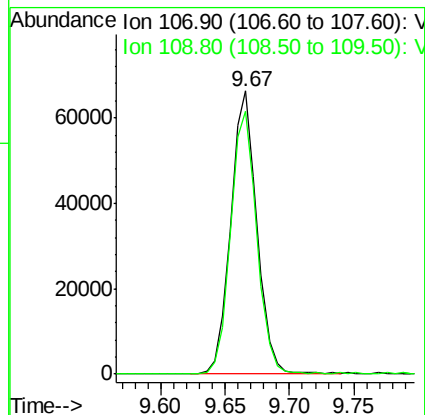
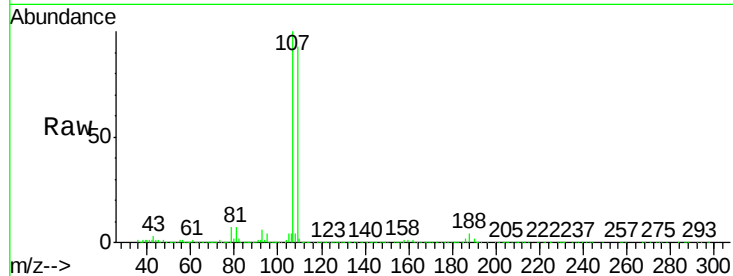
Ion Ratio Lower Upper

107 100

109 93.1 76.2 114.2

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:30 PM



#62

4-Bromofluorobenzene

Concen: 47.607 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

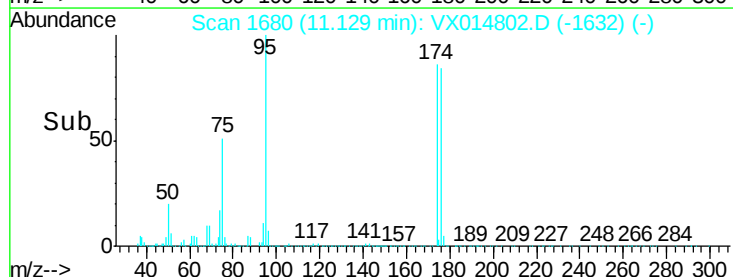
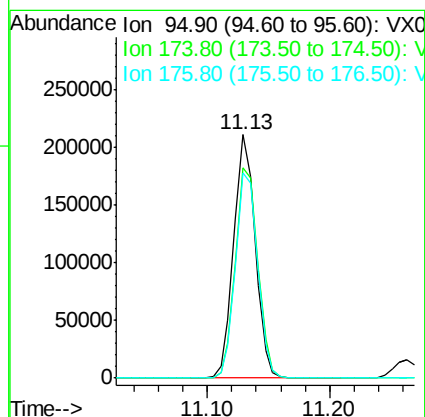
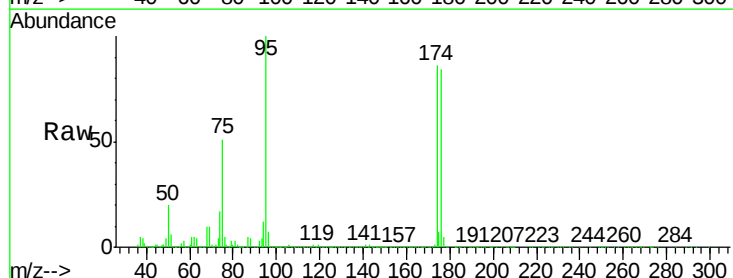
Tgt Ion: 95 Resp: 255358

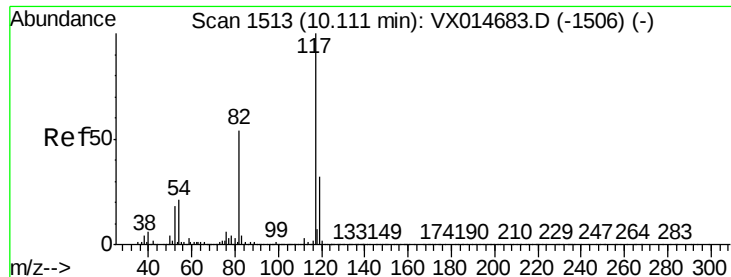
Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

176 87.4 0.0 172.2





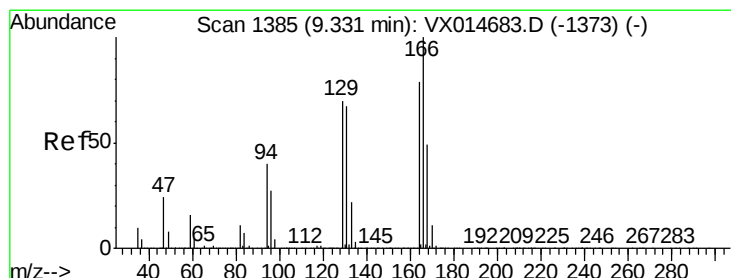
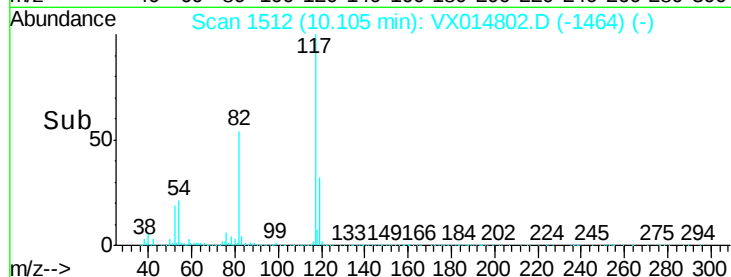
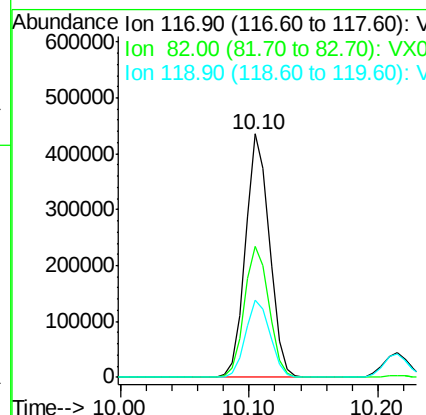
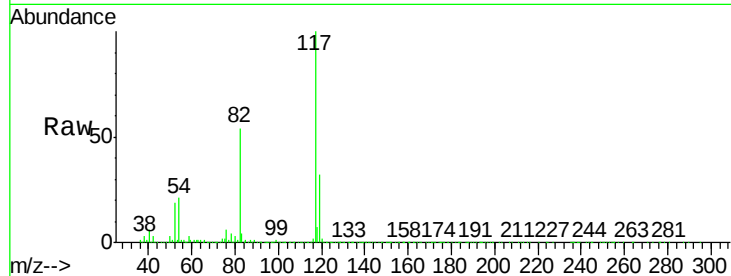
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.6	43.2	64.8
119	31.7	25.8	38.6

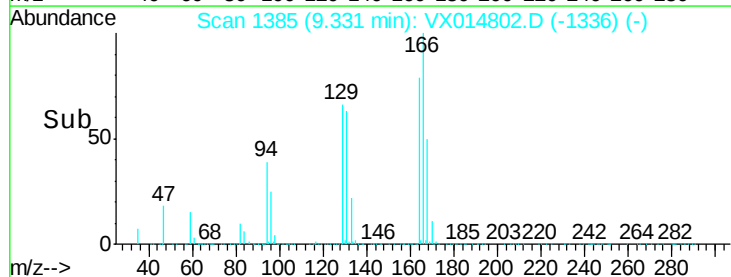
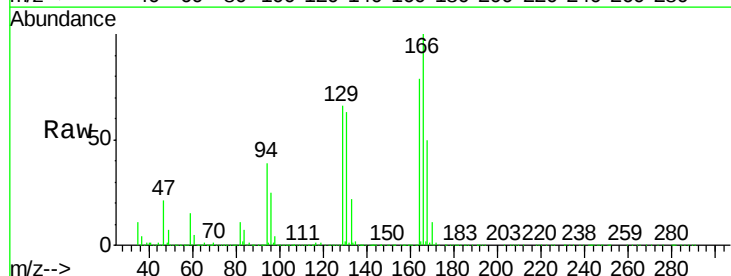
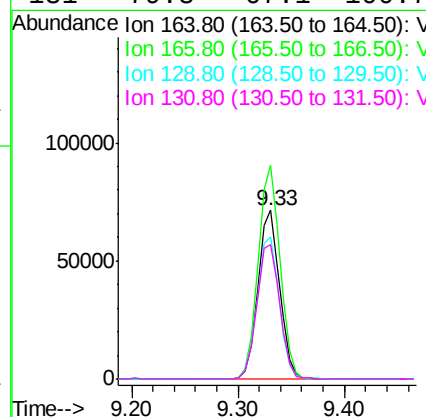
Manual Integrations
APPROVED

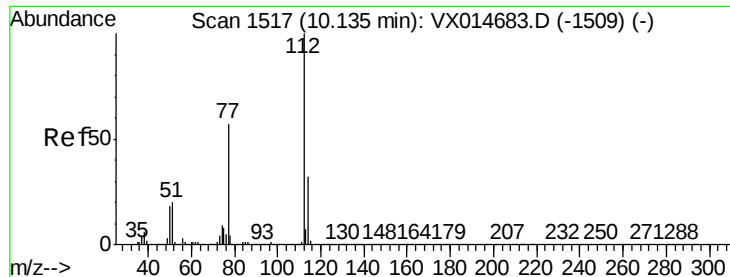
MMDadoda
2/5/2020 12:25:30 PM



#64
Tetrachloroethene
Concen: 18.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.7	100.9	151.3
129	84.1	71.0	106.6
131	79.8	67.1	100.7





#65

Chlorobenzene

Concen: 19.549 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion:112 Resp: 233457

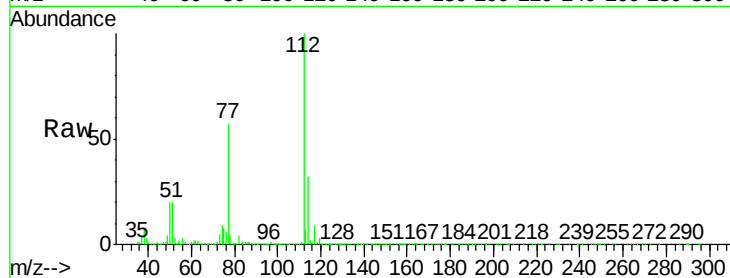
Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:30 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

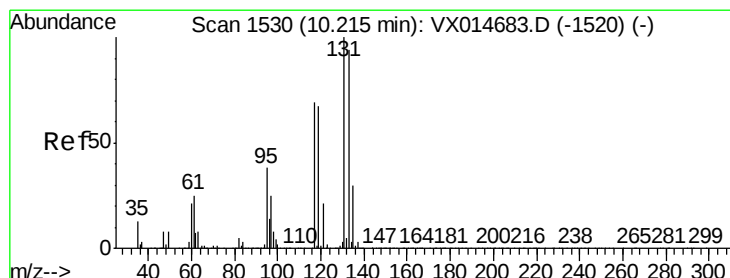
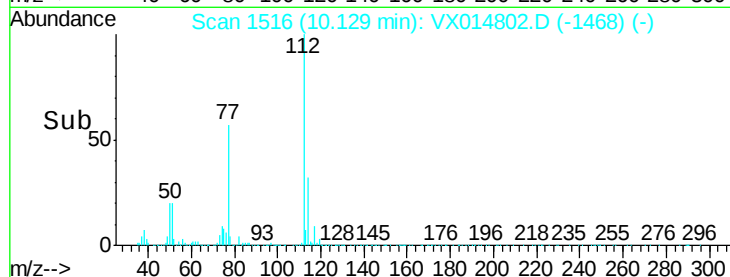
0

10.10

10.13

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.260 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

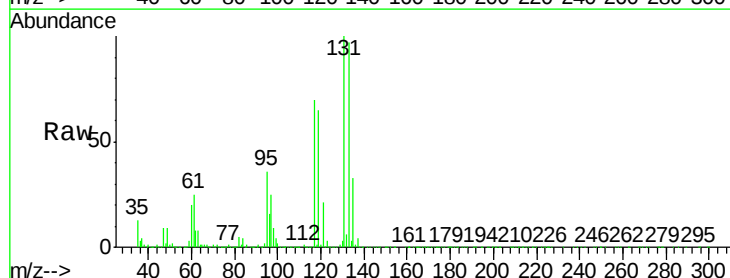
Tgt Ion:131 Resp: 89205

Ion Ratio Lower Upper

131 100

133 93.4 47.4 142.3

119 63.6 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

150000

100000

50000

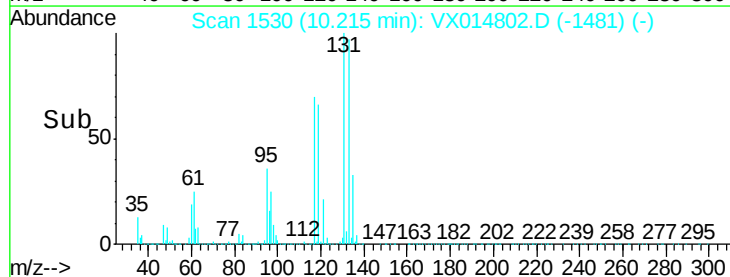
0

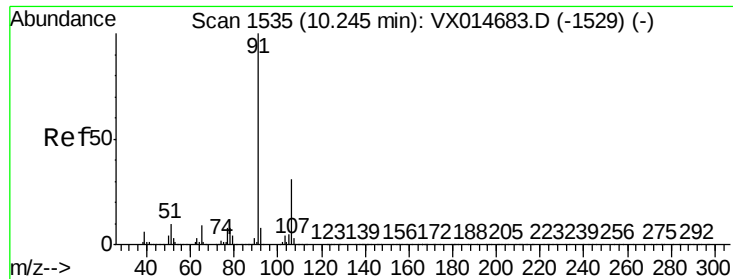
10.10

10.21

10.30

Time-->





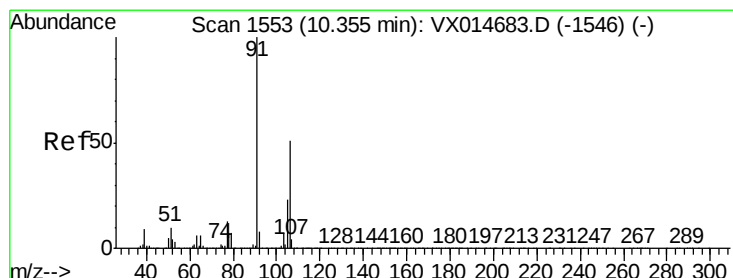
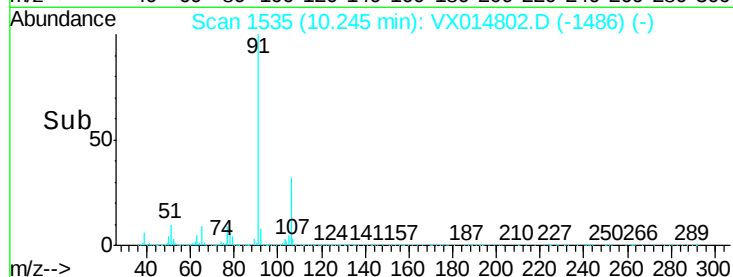
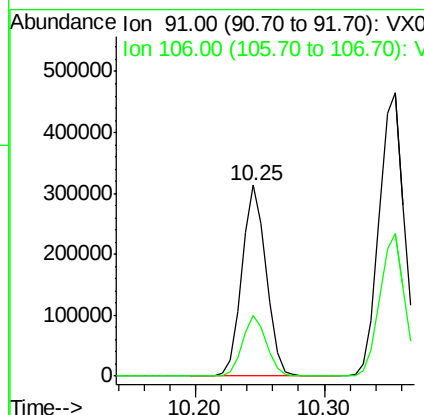
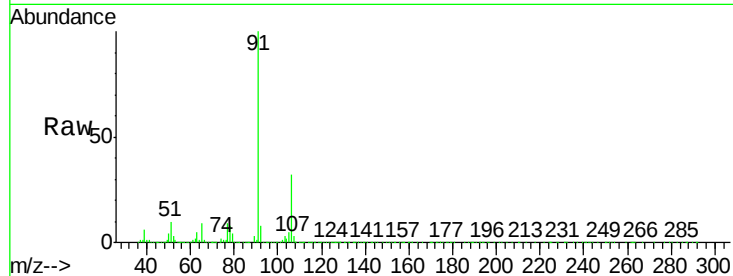
#67
Ethyl Benzene
Concen: 19.885 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion: 91 Resp: 405484
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

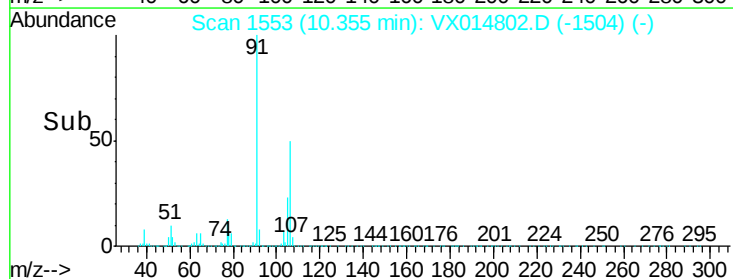
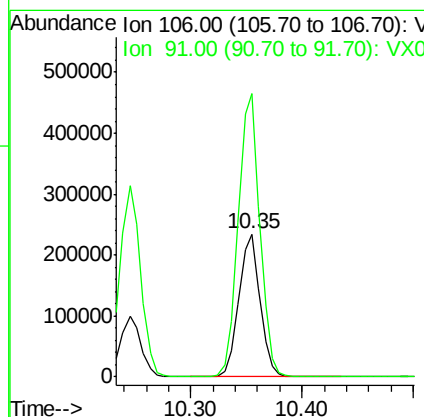
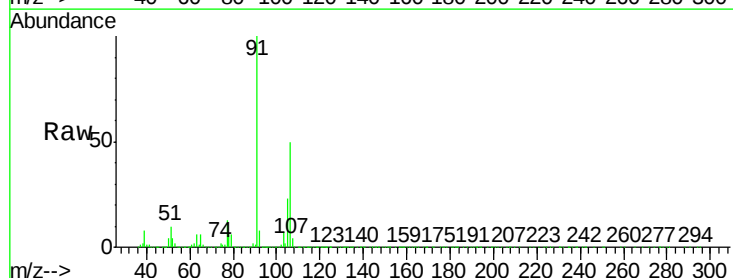
Manual Integrations
APPROVED

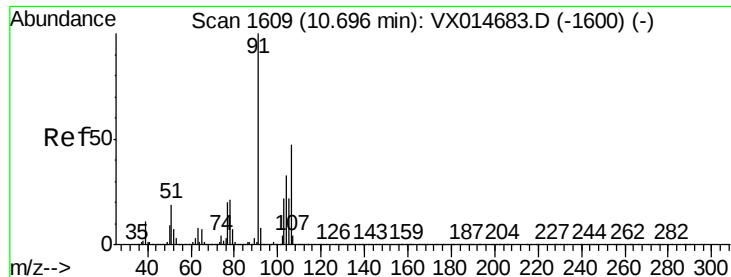
MMDadoda
2/5/2020 12:25:30 PM



#68
m/p-Xylenes
Concen: 39.920 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion: 106 Resp: 308385
Ion Ratio Lower Upper
106 100
91 201.7 159.4 239.2





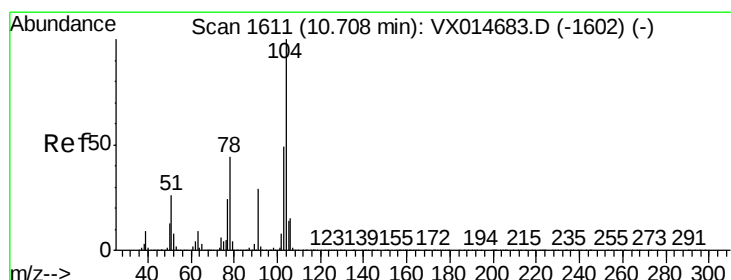
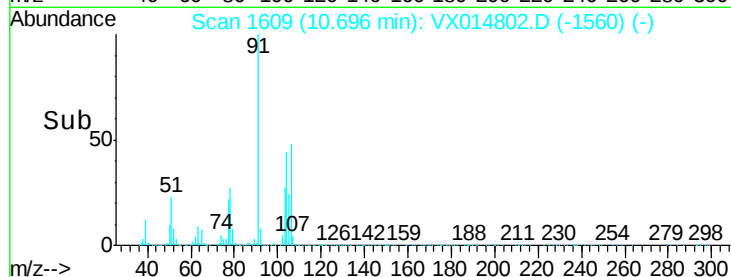
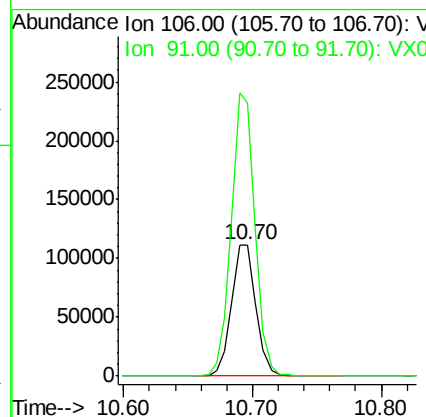
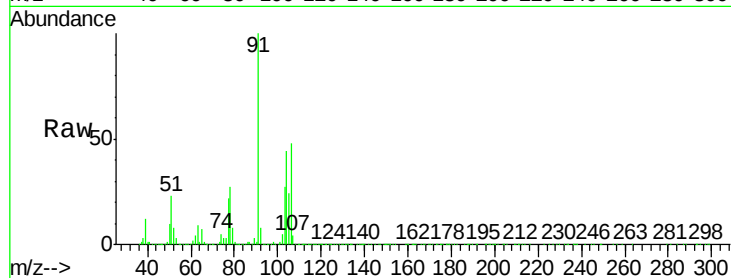
#69
o-Xylene
Concen: 20.004 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	149188		
91	208.8	106.2	318.6	

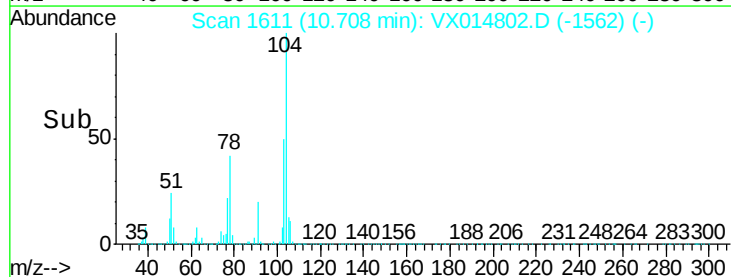
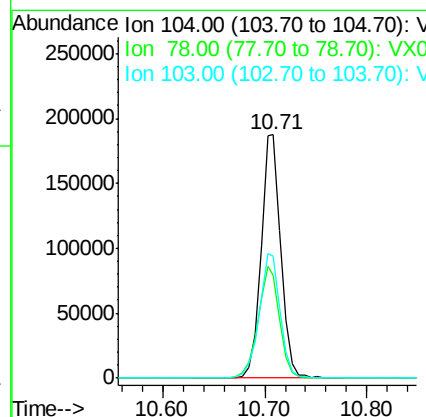
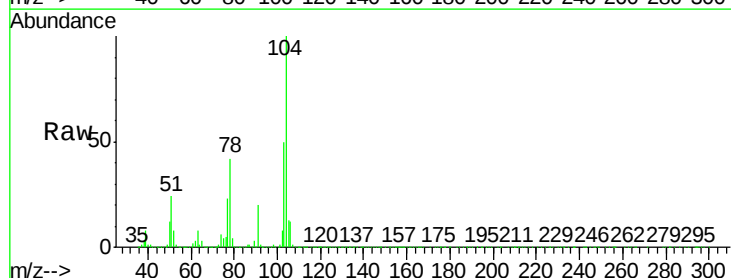
Manual Integrations
APPROVED

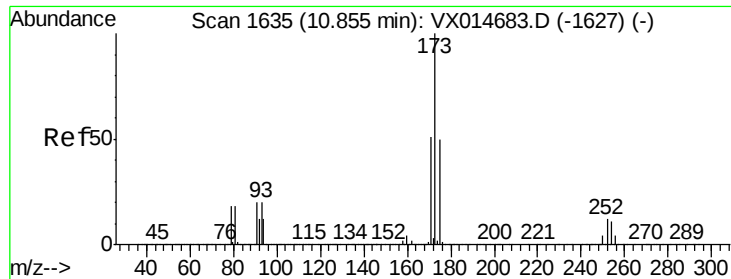
MMDadoda
2/5/2020 12:25:30 PM



#70
Styrene
Concen: 20.412 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	255357		
78	49.1	39.3	58.9	
103	54.5	43.5	65.3	





#71

Bromoform

Concen: 19.781 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

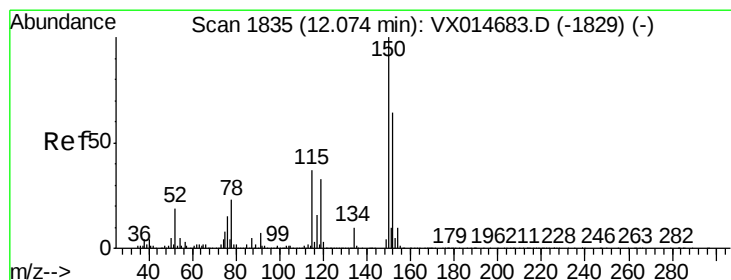
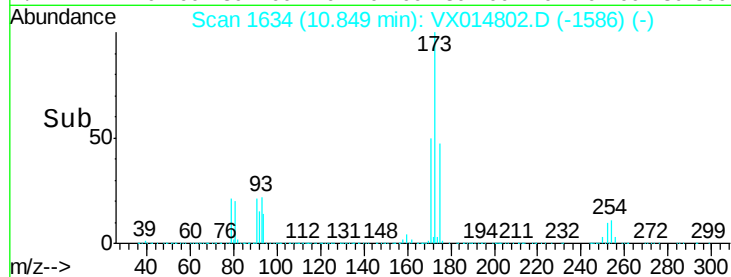
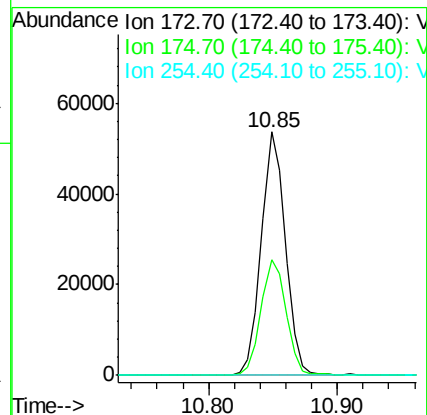
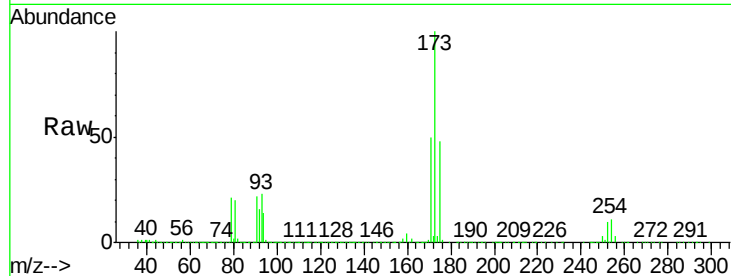
ClientSampleId :

VX0204WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.6	73.6
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:25:30 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

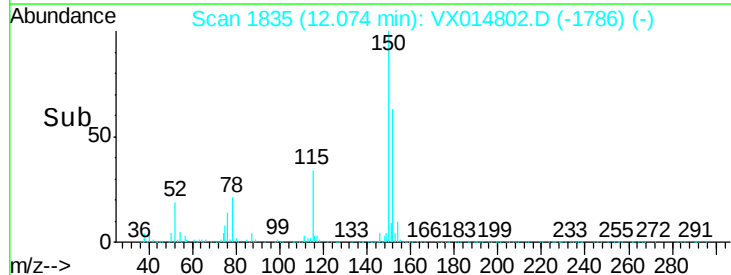
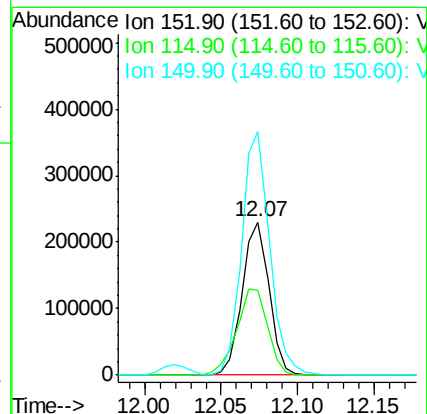
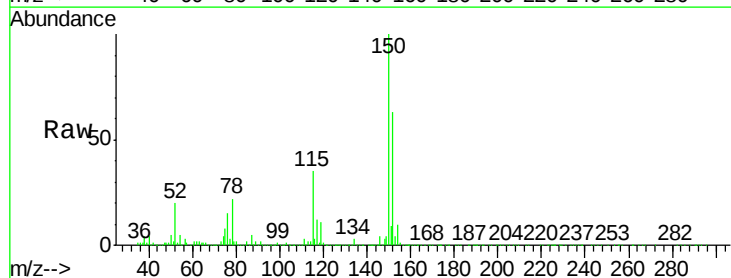
RT: 12.07 min Scan# 1835

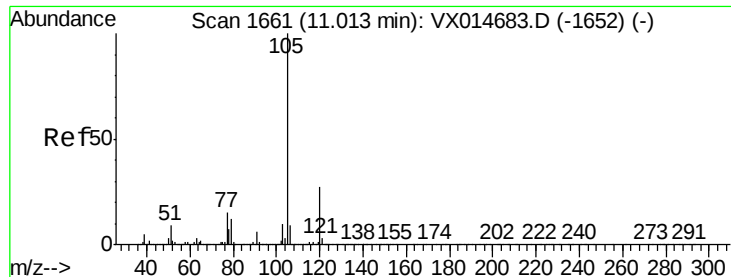
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	39.4	118.1
150	166.2	0.0	351.2





#73

Isopropylbenzene

Concen: 20.644 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion: 105 Resp: 405071

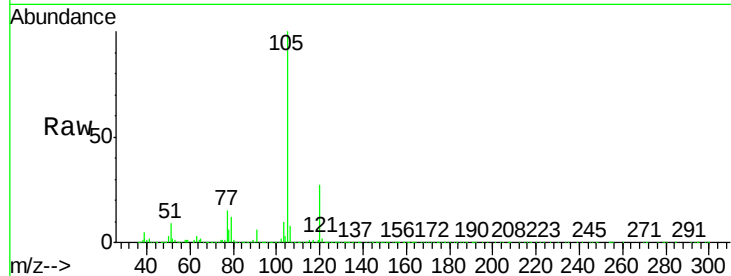
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

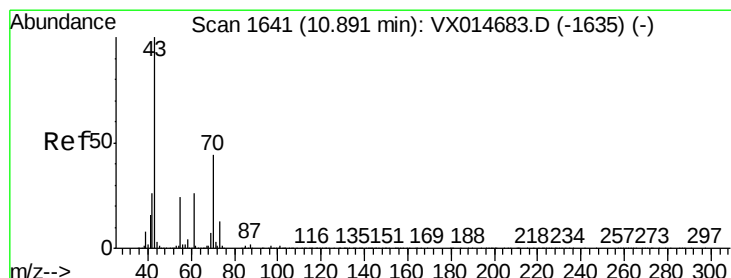
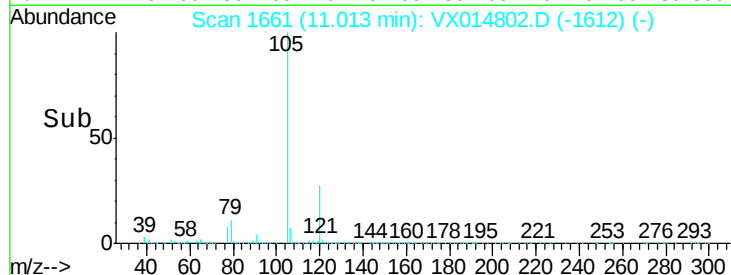
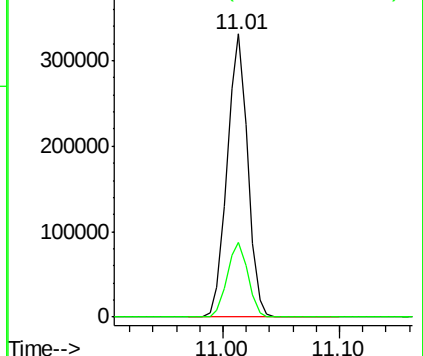
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.219 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion: 43 Resp: 165252

Ion Ratio Lower Upper

43 100

70 44.1 34.6 52.0

55 25.2 19.4 29.2

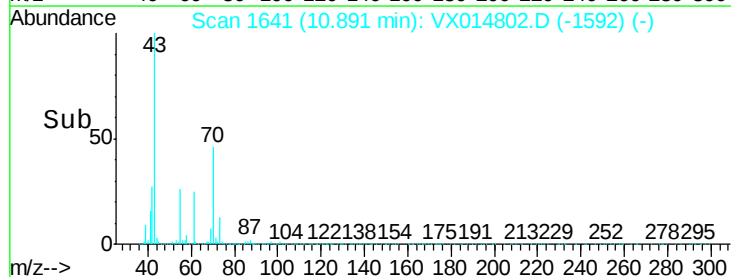
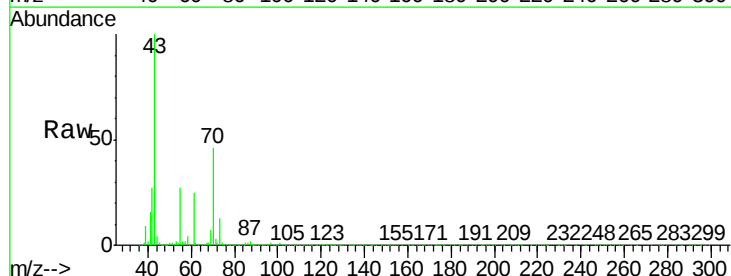
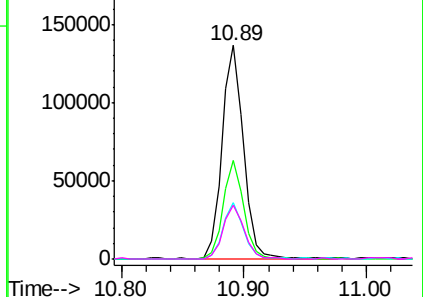
61 25.3 19.8 29.6

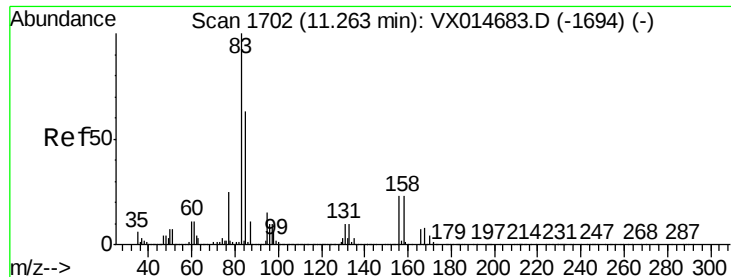
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.843 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

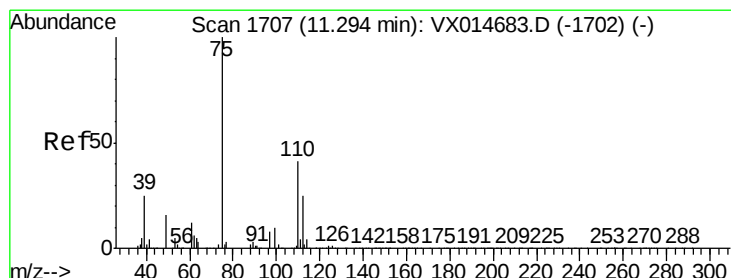
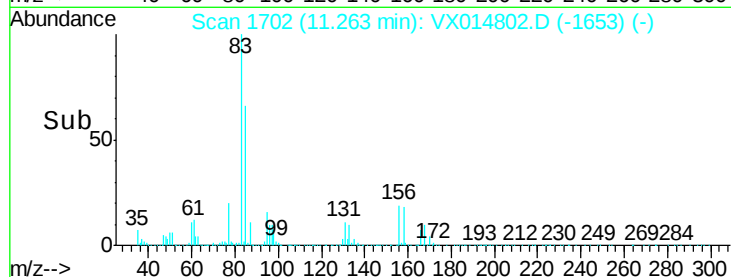
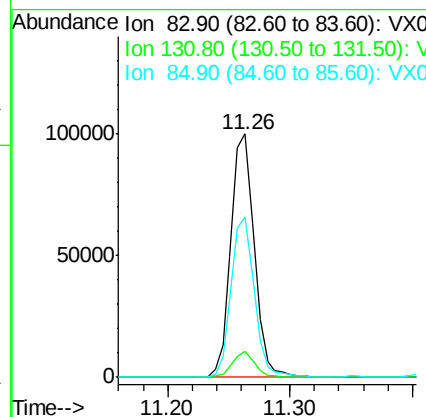
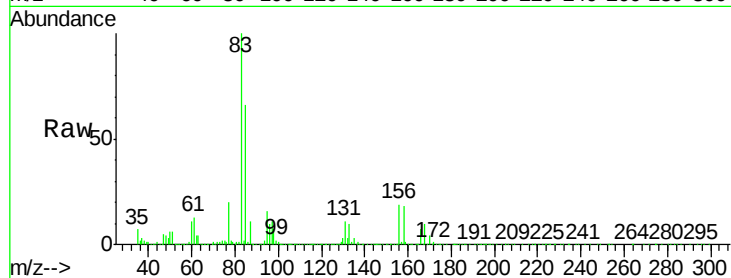
ClientSampled :

VX0204WBS01

Tot Ion:	83	Resp:	132010
Ion Ratio		Lower	Upper
83	100		
131	10.7	5.0	15.0
85	65.6	31.7	95.1

Manual Integrations
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2/5/2020 12:25:30 PM



#76

1,2,3-Trichloropropane

Concen: 17.726 ug/l m

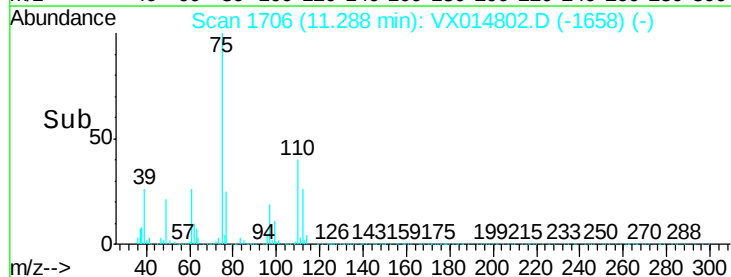
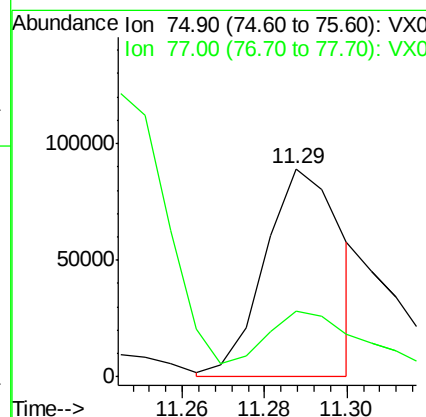
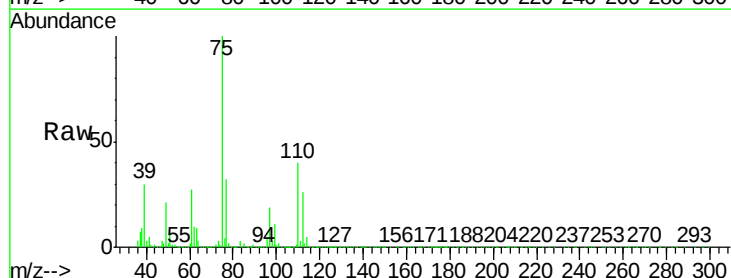
RT: 11.29 min Scan# 1706

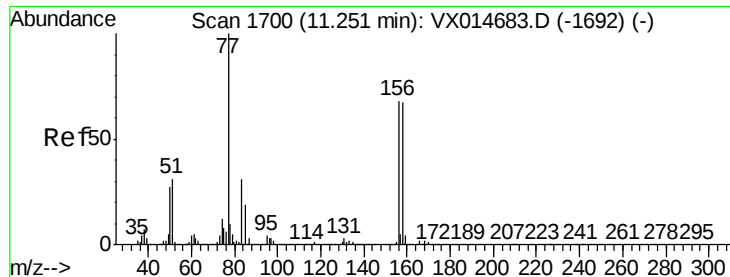
Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	75	Resp:	115084
Ion Ratio		Lower	Upper
75	100		
77	42.4	18.7	56.1





#77

Bromobenzene

Concen: 19.655 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

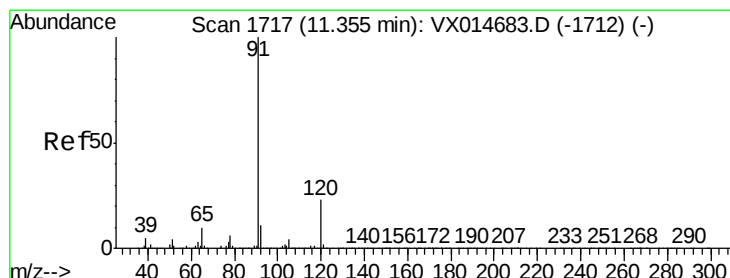
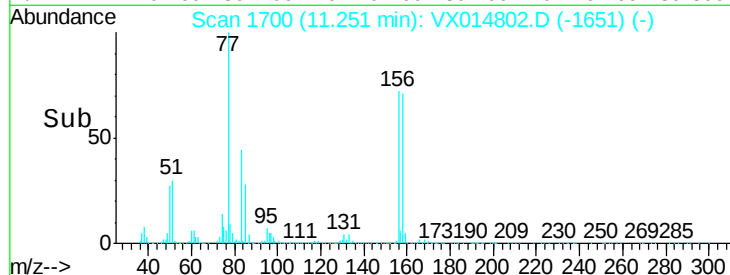
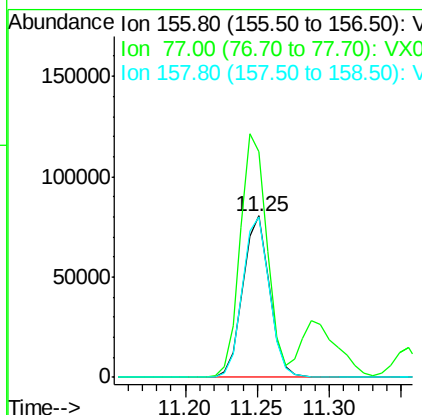
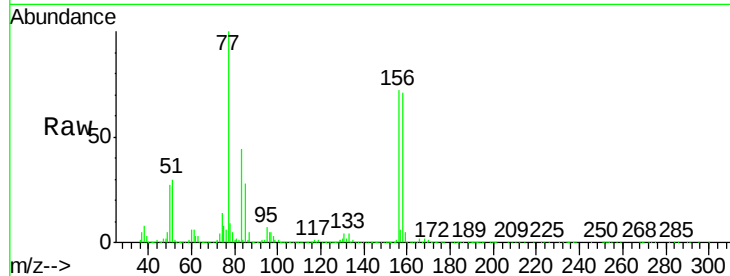
ClientSampleId :

VX0204WBS01

Tot Ion:	156	Resp:	103606
Ion Ratio	Lower	Upper	
156	100		
77	151.5	77.5	232.5
158	100.0	49.1	147.3

Manual Integrations
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MMDadoda
2/5/2020 12:25:30 PM



#78

n-propylbenzene

Concen: 20.391 ug/l

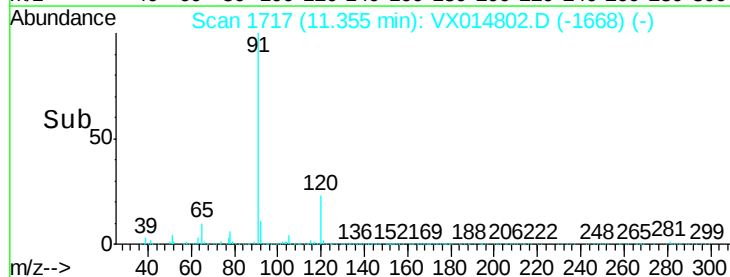
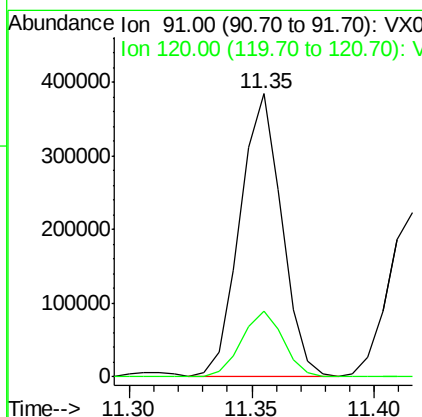
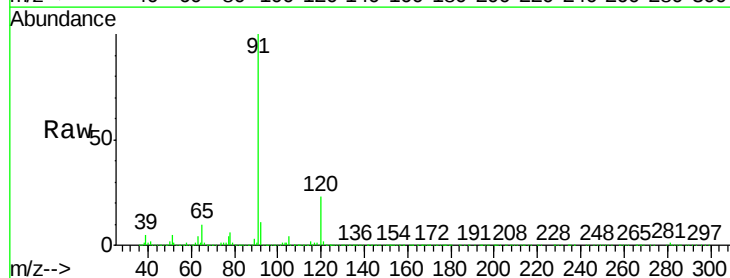
RT: 11.35 min Scan# 1717

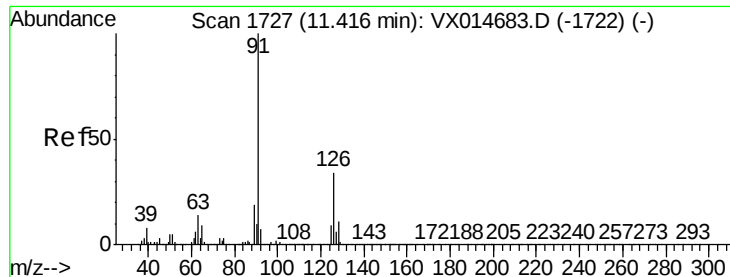
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	91	Resp:	454149
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.342 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampled :

VX0204WBS01

Tot Ion: 91 Resp: 274129

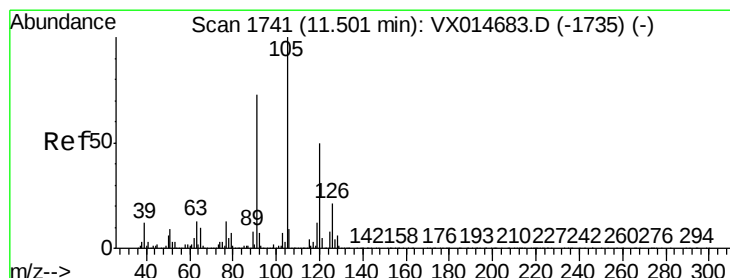
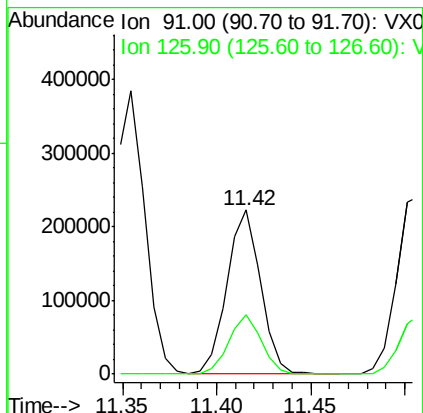
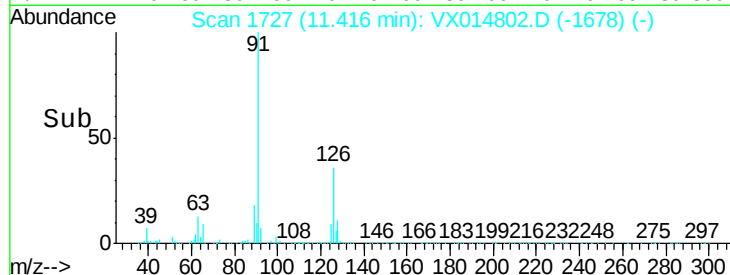
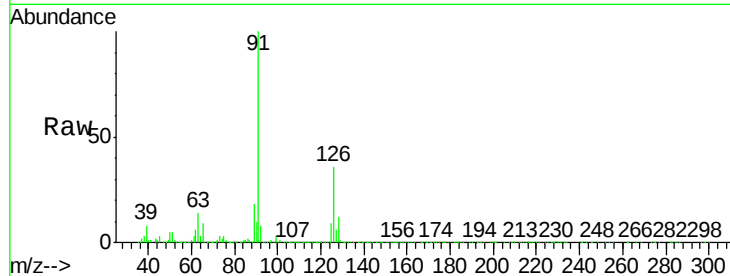
Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.9

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.653 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014802.D

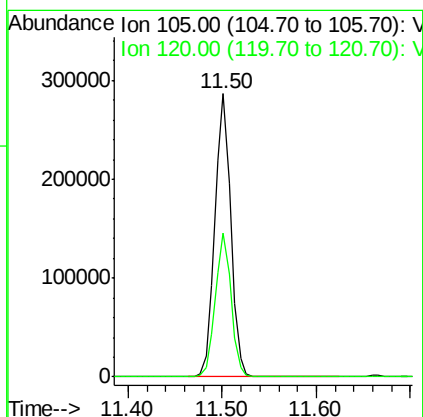
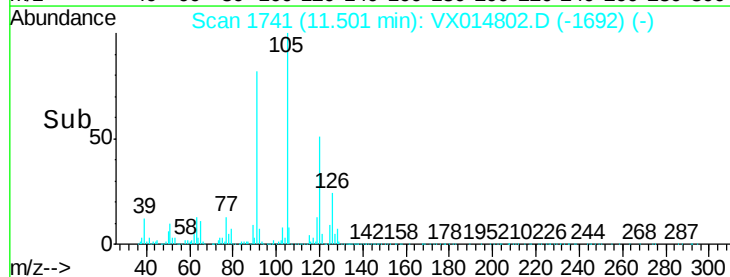
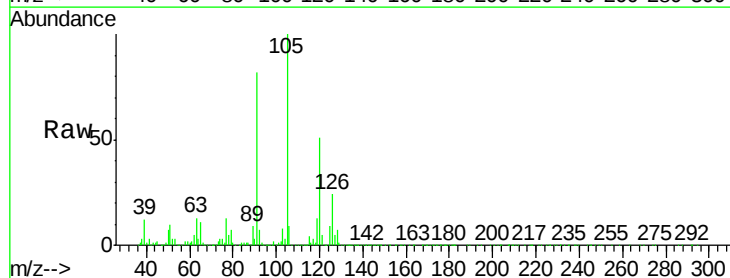
Acq: 04 Feb 2020 12:17

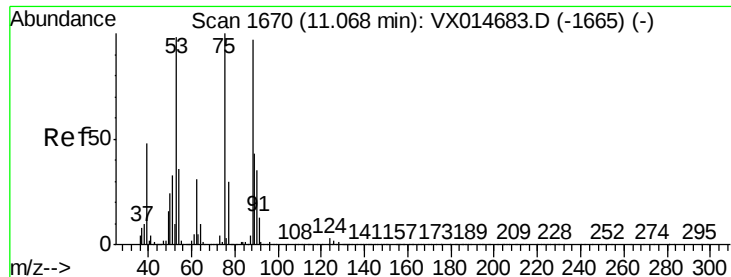
Tgt Ion: 105 Resp: 336339

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.375 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

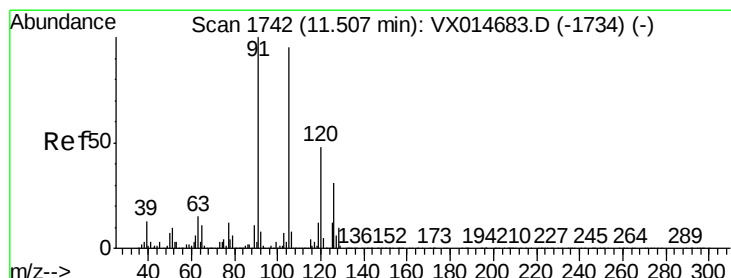
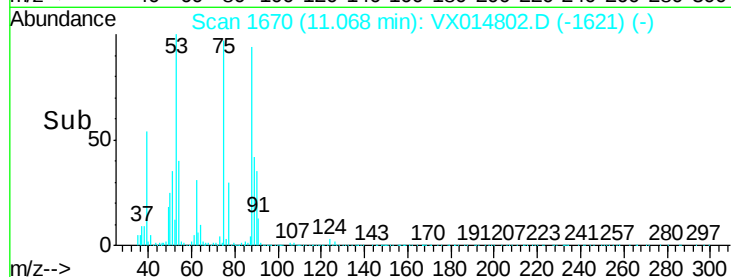
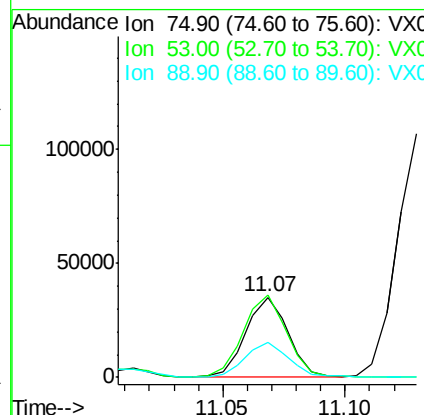
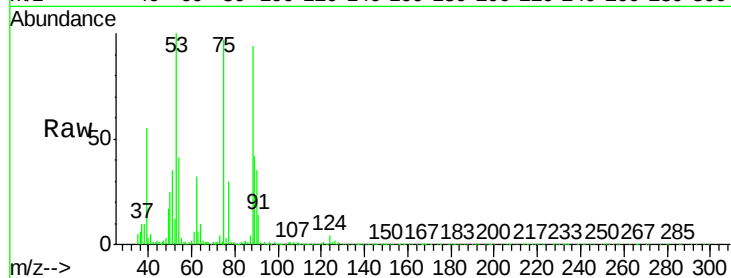
ClientSampled :

VX0204WBS01

Tot Ion:	75	Resp:	41920
Ion Ratio	Lower	Upper	
75	100		
53	105.1	78.8	118.2
89	46.5	35.4	53.0

Manual Integrations
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2/5/2020 12:25:30 PM



#82

4-Chlorotoluene

Concen: 20.232 ug/l

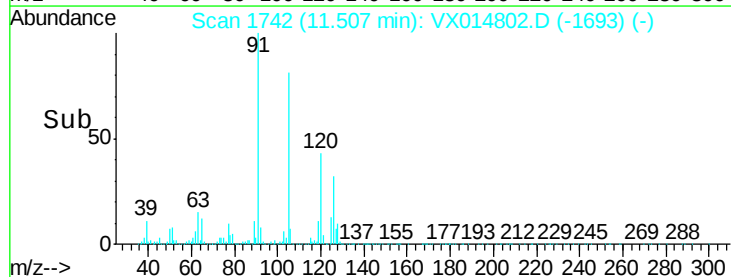
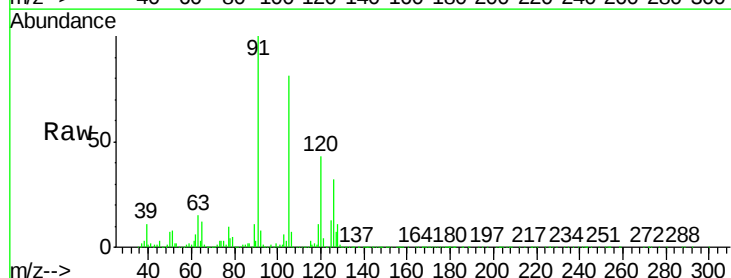
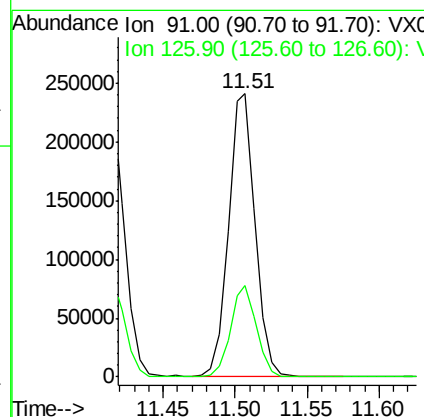
RT: 11.51 min Scan# 1742

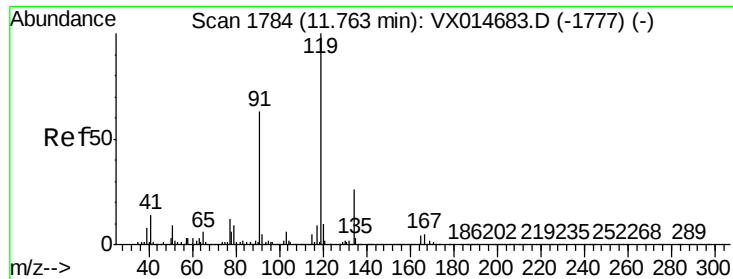
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	91	Resp:	310398
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.4	46.4





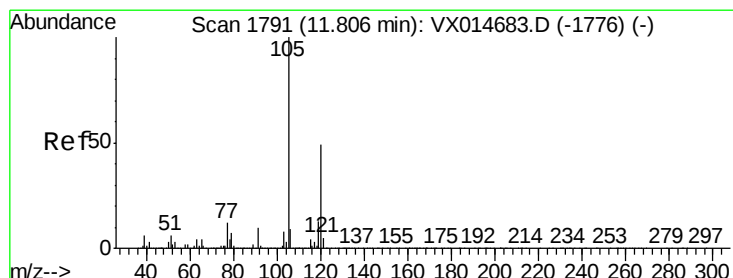
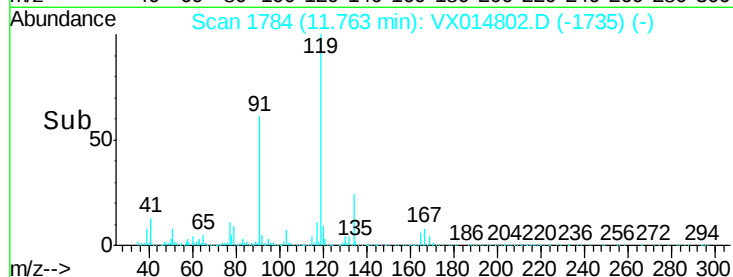
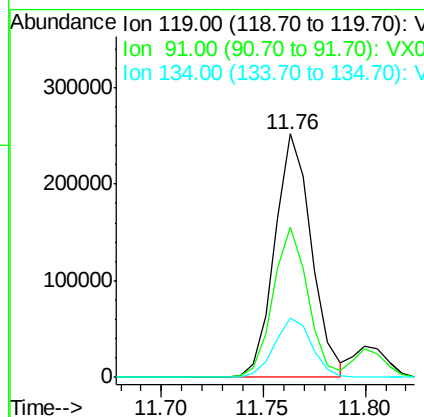
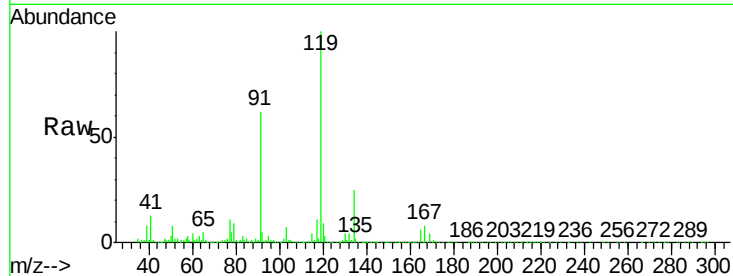
#83
tert-Butylbenzene
Concen: 20.683 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	316502		
91	58.6	30.0	90.0	
134	24.8	12.7	38.0	

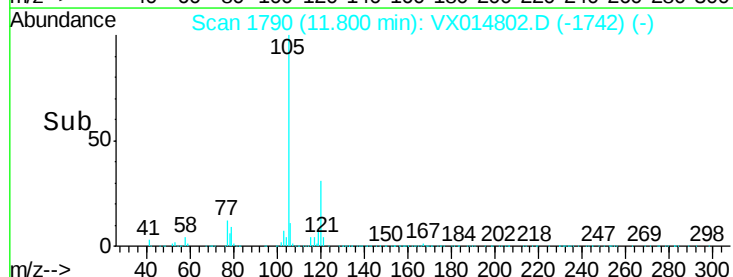
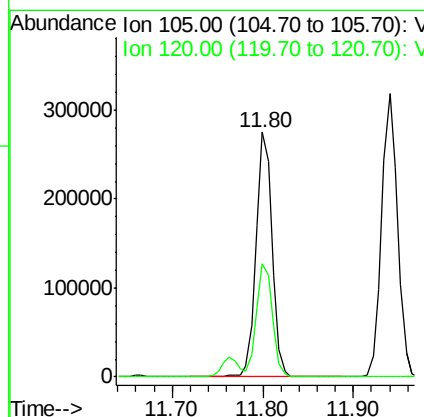
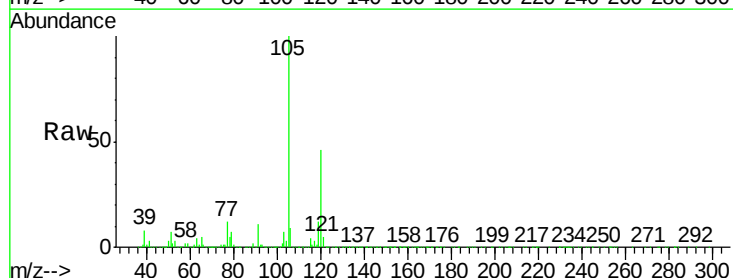
Manual Integrations
APPROVED

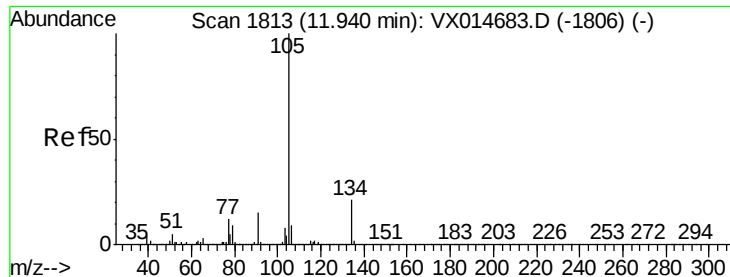
MMDadoda
2/5/2020 12:25:30 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.634 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337056		
120	45.6	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.650 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBS01

Tot Ion:105 Resp: 387119

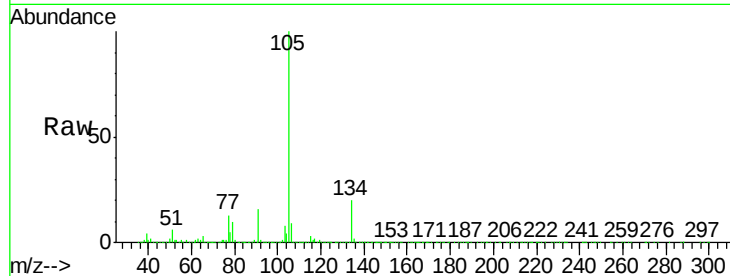
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

Manual Integrations
APPROVED

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2/5/2020 12:25:30 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

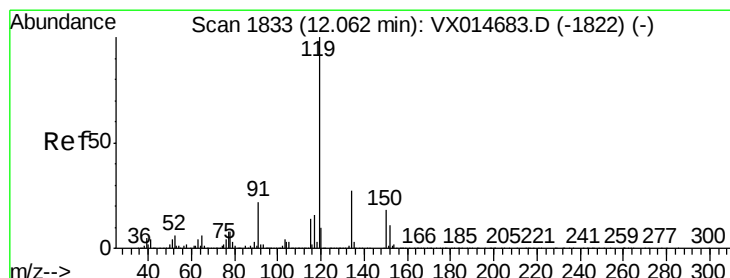
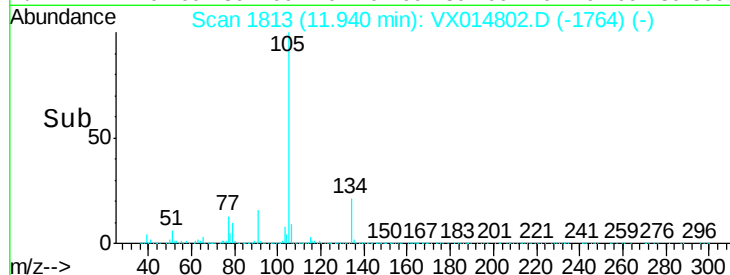
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.565 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

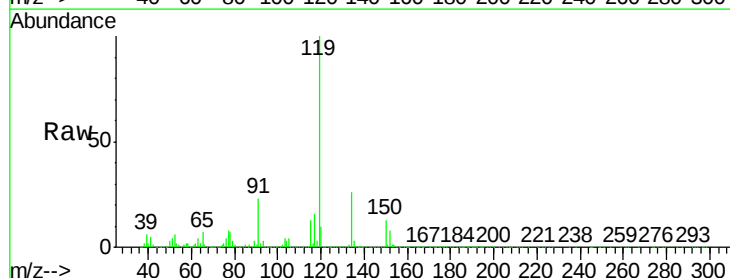
Tgt Ion:119 Resp: 356284

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

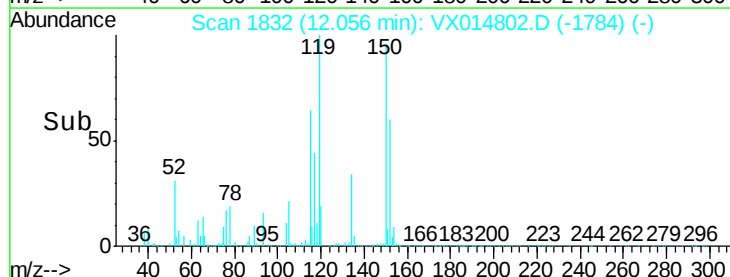
300000

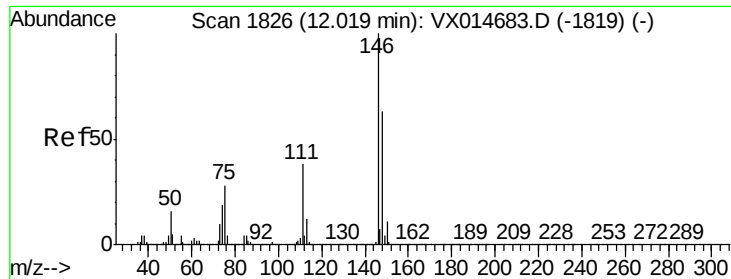
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.783 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

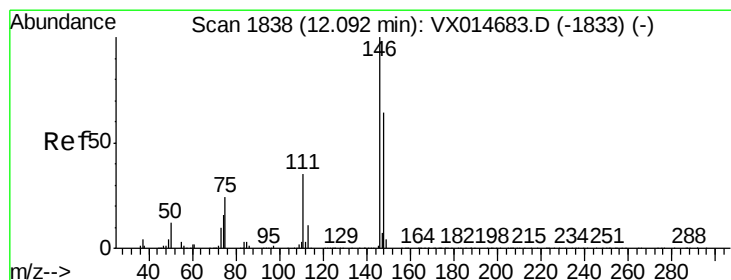
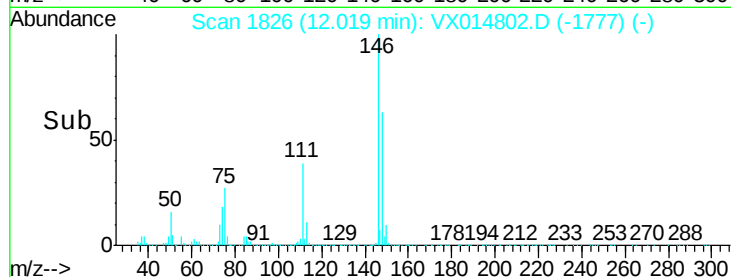
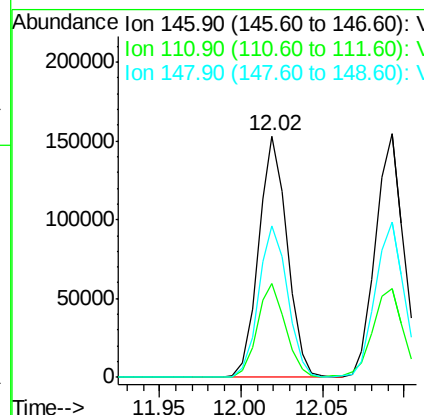
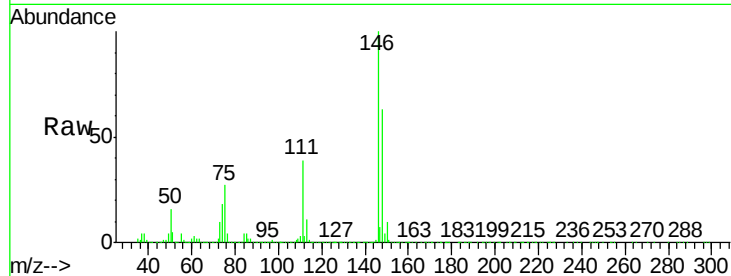
Instrument :
MSVOA_X

ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.8	31.6	95.0

Manual Integrations
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MMDadoda
2/5/2020 12:25:30 PM



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

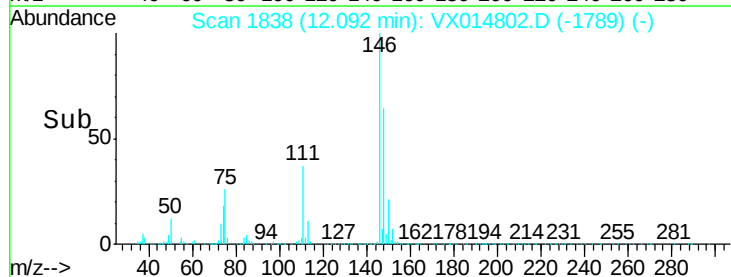
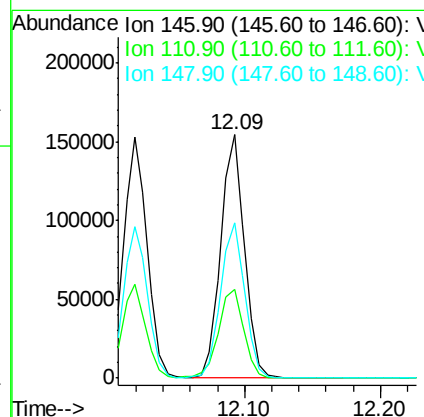
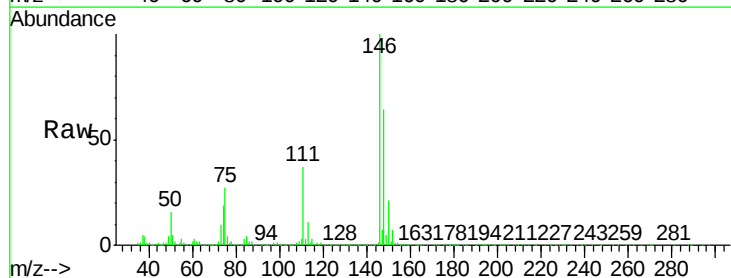
RT: 12.09 min Scan# 1838

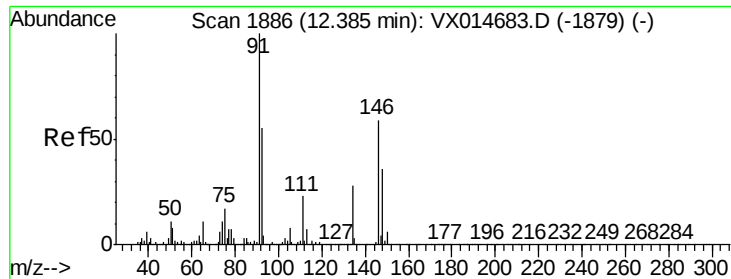
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.8
148	65.0	32.0	96.2





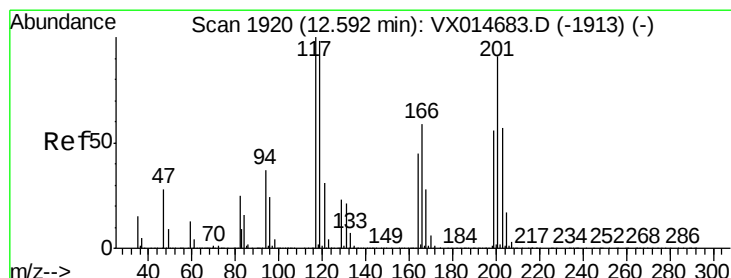
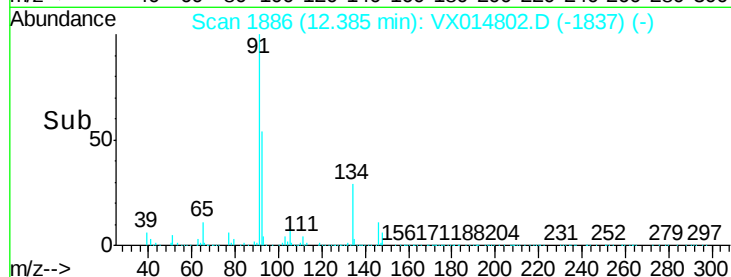
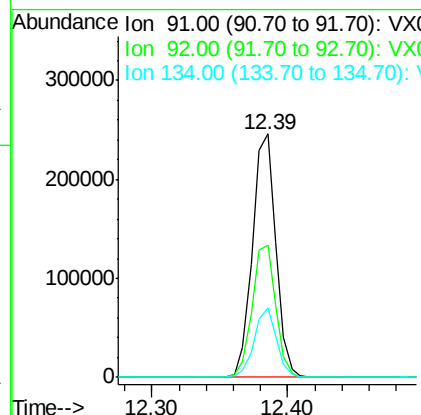
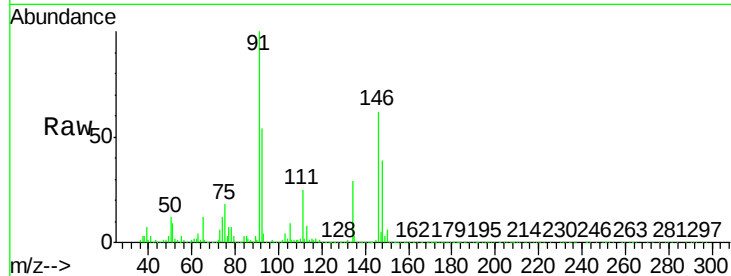
#89
n-Butylbenzene
Concen: 19.642 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	27.3	13.3	39.8

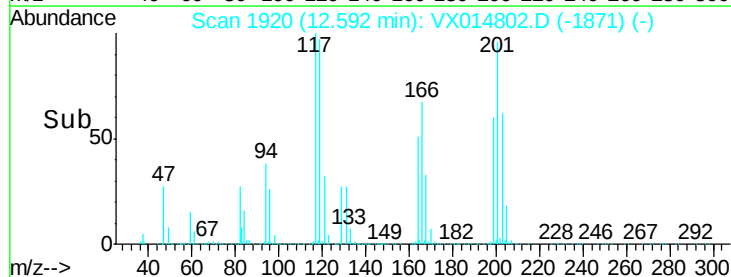
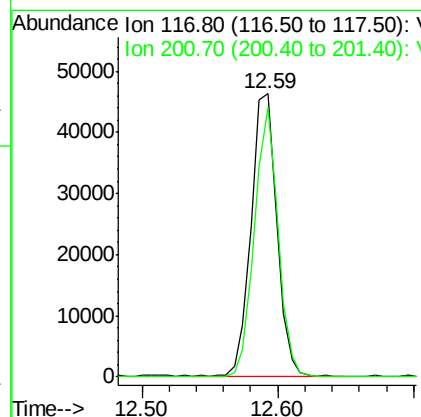
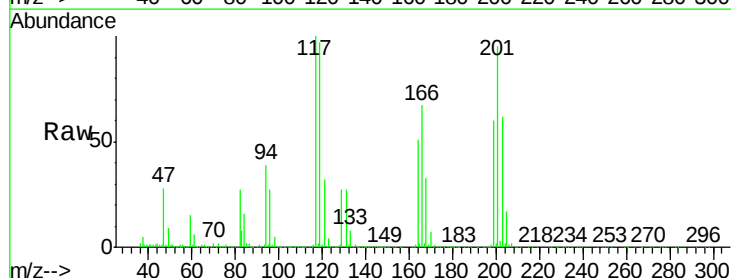
Manual Integrations
APPROVED

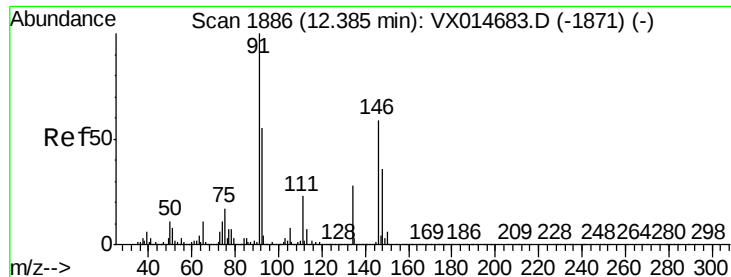
MMDadoda
2/5/2020 12:25:30 PM



#90
Hexachloroethane
Concen: 19.183 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 19.739 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Instrument :

MSVOA_X

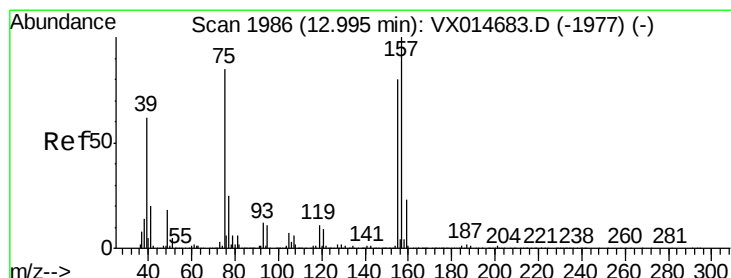
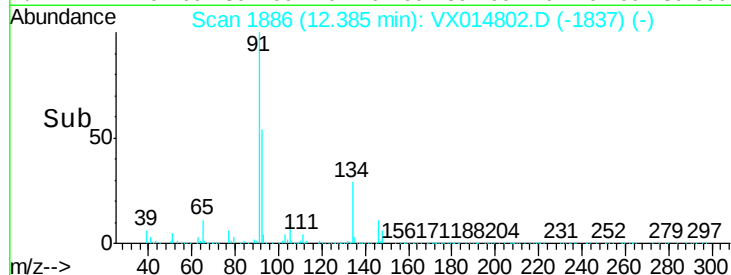
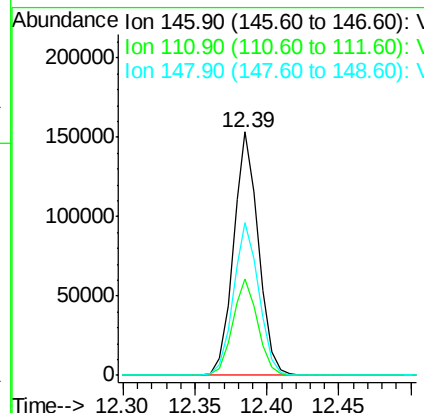
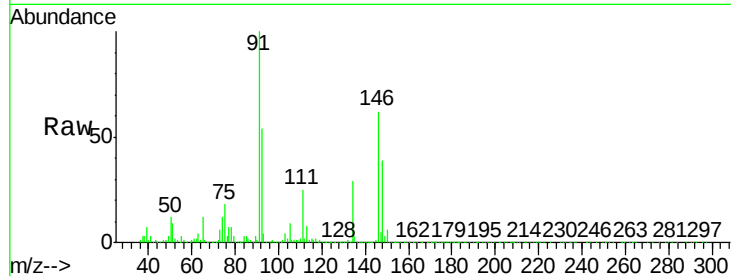
ClientSampled :

VX0204WBS01

Tot Ion:	146	Resp:	185726
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.6	58.8
148	64.0	31.9	95.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.532 ug/l

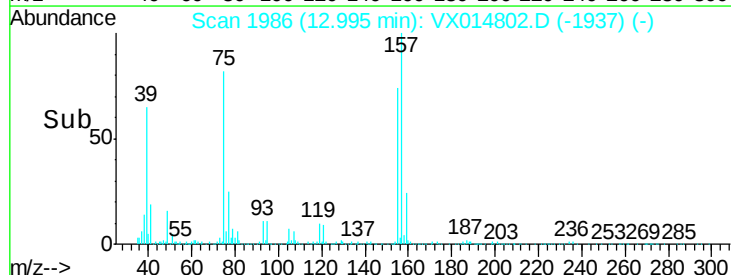
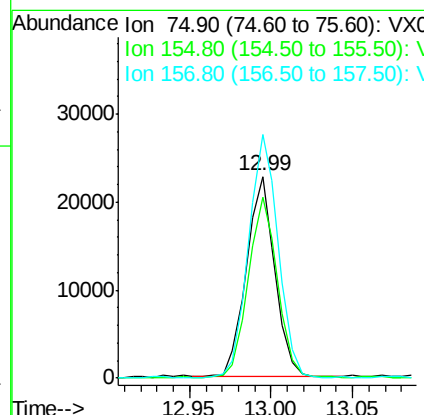
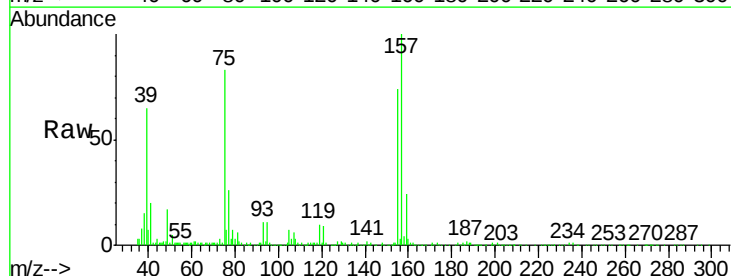
RT: 12.99 min Scan# 1986

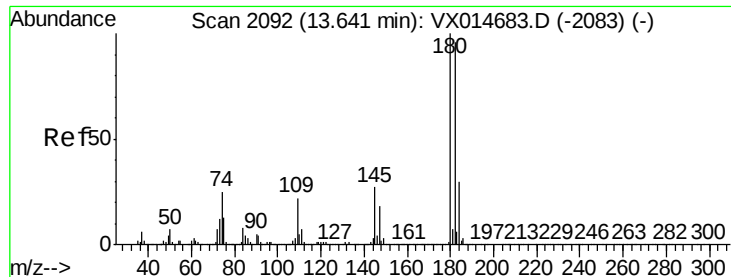
Delta R.T. 0.00 min

Lab File: VX014802.D

Acq: 04 Feb 2020 12:17

Tgt Ion:	75	Resp:	27895
Ion Ratio	Lower	Upper	
75	100		
155	92.4	45.6	136.9
157	124.6	60.3	180.9





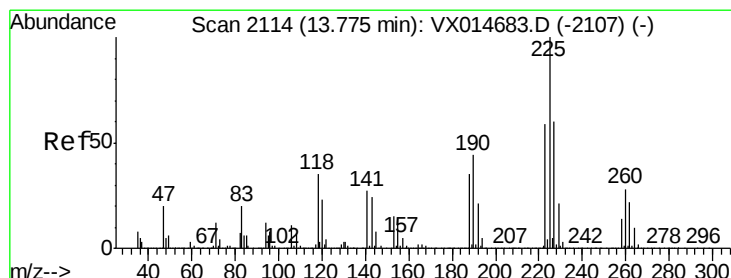
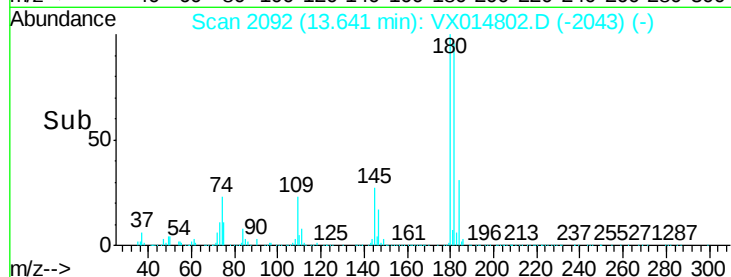
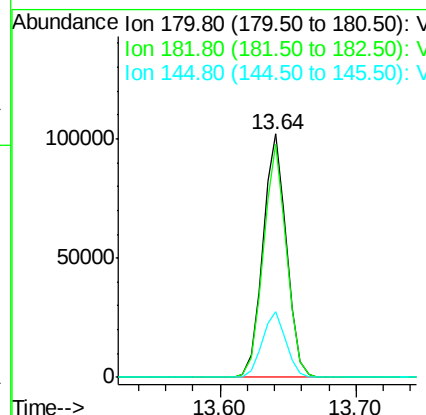
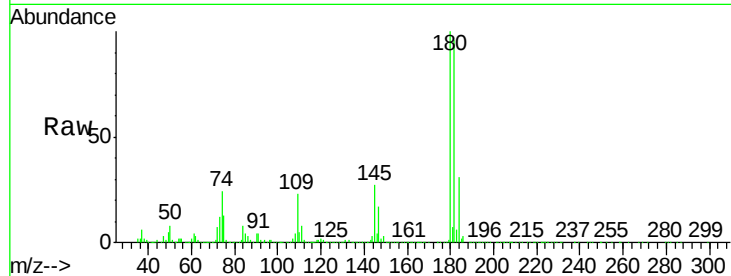
#93
1,2,4-Trichlorobenzene
Concen: 20.445 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampled :
VX0204WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124022		
182	94.3	48.5	145.6	
145	27.1	14.0	41.9	

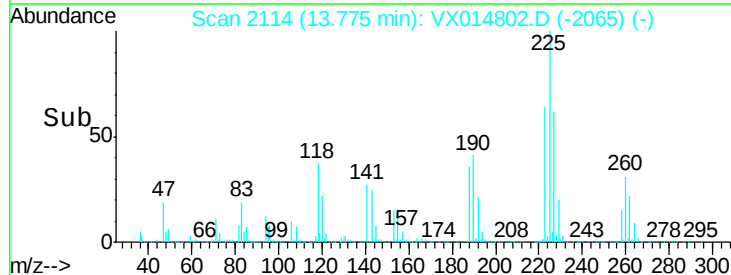
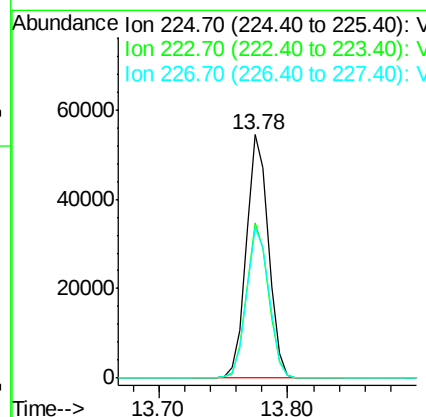
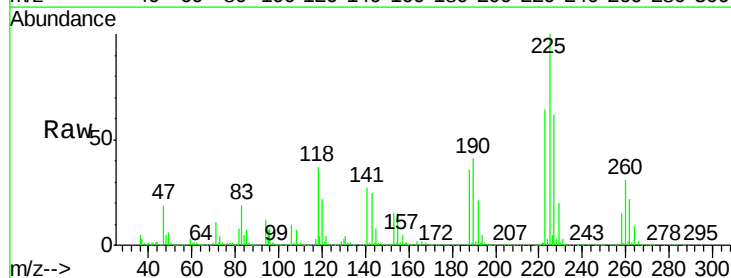
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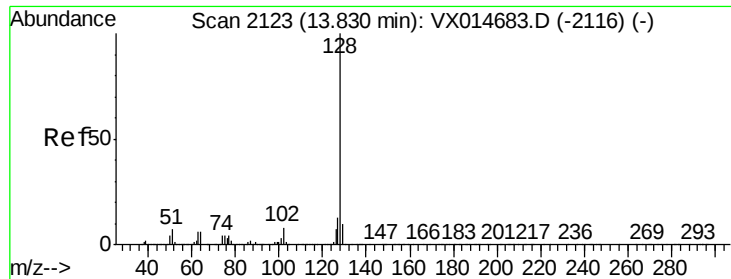
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#94
Hexachlorobutadiene
Concen: 20.658 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64499		
223	63.3	30.6	91.8	
227	62.8	31.4	94.0	





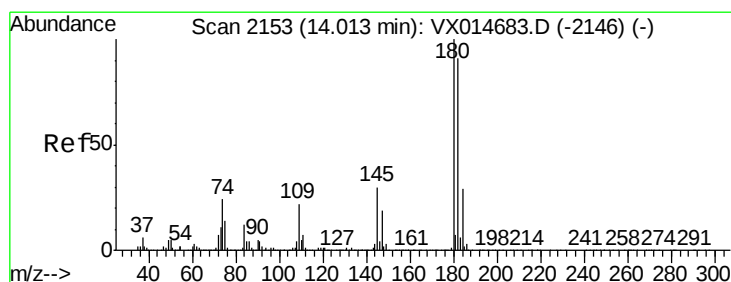
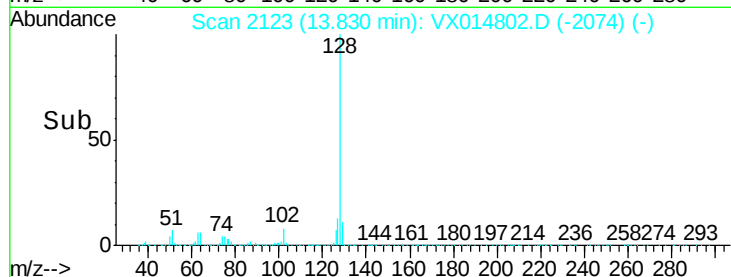
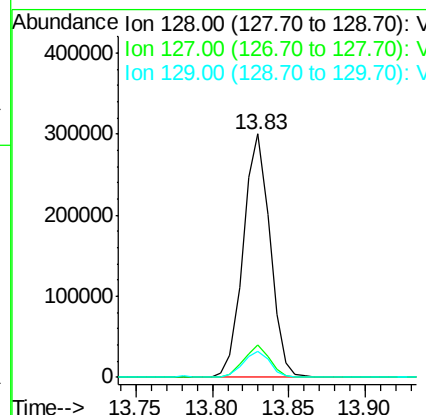
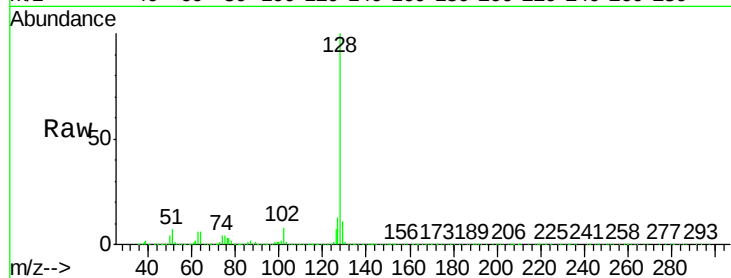
#95
Naphthalene
Concen: 19.217 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Instrument :
MSVOA_X
ClientSampleId :
VX0204WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
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2/5/2020 12:25:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.739 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014802.D
Acq: 04 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.7
145	30.1	14.7	44.1

