

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014610.D
 Acq On : 15 Jan 2020 11:10
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 9:41:57 AM

Quant Time: Jan 15 12:18:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:07:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	77322	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	416470	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	375134	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	161623	29.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.30%
60) 4-Bromofluorobenzene	11.13	95	179285	29.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.67%
63) Toluene-d8	8.71	98	515881	30.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	107601	27.549	ug/l 99
3) Chloromethane	1.32	50	116842	21.225	ug/l 94
4) Vinyl Chloride	1.40	62	130264	23.083	ug/l 99
5) Bromomethane	1.64	94	67982	16.479	ug/l 100
6) Chloroethane	1.72	64	74407	21.346	ug/l 99
7) Trichlorofluoromethane	1.92	101	137720	19.612	ug/l 99
8) Diethyl Ether	2.18	74	59542	18.447	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82162	19.618	ug/l 99
10) 1,1-Dichloroethene	2.37	96	80431	18.576	ug/l 98
11) Methyl Iodide	2.50	142	105179	18.870	ug/l 98
12) Methyl Acetate	2.76	43	150759	22.491	ug/l 100
13) Acrolein	2.28	56	77662	95.526	ug/l 98
14) Acrylonitrile	3.13	53	258133	98.509	ug/l 98
15) Acetone	2.43	58	90537	117.614	ug/l 82
16) Carbon Disulfide	2.56	76	218301	18.611	ug/l 99
17) Allyl chloride	2.72	41	147752	18.990	ug/l 95
18) Methylene Chloride	2.85	84	96624	18.212	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	87030	18.355	ug/l 95
20) Diisopropyl ether	3.84	45	299796	18.778	ug/l 98
21) 1,1-Dichloroethane	3.69	63	162043	18.702	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	99379	18.081	ug/l 97
23) tert-Butyl Alcohol	3.03	59	101850	99.095	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	270902	18.522	ug/l 98
25) Chloroform	5.20	83	156103	18.897	ug/l 96
26) Cyclohexane	5.57	56	148240	19.187	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	116434	19.355	ug/l 99
30) 2-Butanone	4.65	43	384576	108.458	ug/l 99
31) 2,2-Dichloropropane	4.58	77	123599	22.211	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	127727	19.196	ug/l 99
33) Carbon Tetrachloride	5.78	117	108993	19.269	ug/l 97
34) Benzene	6.14	78	367915	19.614	ug/l 98
35) Methacrylonitrile	5.03	41	75041	19.677	ug/l 96
36) 1,2-Dichloroethane	6.18	62	128096	19.659	ug/l 99
37) Trichloroethene	7.21	130	99946	19.581	ug/l 94
38) Methylcyclohexane	7.46	83	145743	20.310	ug/l 99
39) 1,2-Dichloropropane	7.51	63	94591	19.416	ug/l 91
40) Dibromomethane	7.65	93	60093	19.308	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	115793	19.215	ug/l	99
42) Vinyl Acetate	3.80	43	1143778	91.365	ug/l	99
43) Ethyl Acetate	4.82	43	138528	20.360	ug/l	99
44) Isopropyl Acetate	6.43	43	215787	18.936	ug/l	100
45) 1,4-Dioxane	7.73	88	45129	422.896	ug/l	98
46) Methyl methacrylate	7.76	41	105859	19.125	ug/l	99
47) n-amyl Acetate	10.89	43	170778	16.854	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	125773	19.122	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	142721	19.295	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	93611	19.489	ug/l	98
51) Ethyl methacrylate	9.17	69	136442	17.859	ug/l	98
52) 1,3-Dichloropropane	9.37	76	156231	19.144	ug/l	98
53) Dibromochloromethane	9.57	129	90770	18.899	ug/l	100
54) 1,2-Dibromoethane	9.67	107	96605	19.534	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	324726	96.418	ug/l	100
56) Bromoform	10.85	173	69804	18.637	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	697251	99.339	ug/l	99
59) 2-Hexanone	9.48	43	541690	101.695	ug/l	99
61) Tetrachloroethene	9.33	164	108868	21.937	ug/l	97
62) Toluene	8.78	91	388340	19.464	ug/l	99
64) Chlorobenzene	10.14	112	241347	19.308	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	89169	19.265	ug/l	99
66) Ethyl Benzene	10.25	91	416772	19.088	ug/l	99
67) m/p-Xylenes	10.36	106	320986	38.457	ug/l	100
68) o-Xylene	10.70	106	154980	18.743	ug/l	100
69) Styrene	10.71	104	259940	18.486	ug/l	99
70) Isopropylbenzene	11.01	105	405487	18.977	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	138530	18.282	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	117737m	17.456	ug/l	
73) Bromobenzene	11.25	156	107429	18.834	ug/l	99
74) n-propylbenzene	11.35	91	457262	18.867	ug/l	99
75) 2-Chlorotoluene	11.42	91	276225	18.863	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	337380	18.613	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	41687	18.716	ug/l	96
78) 4-Chlorotoluene	11.51	91	312175	18.656	ug/l	100
79) tert-butylbenzene	11.76	119	311849	17.849	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	339641	18.739	ug/l	99
81) sec-Butylbenzene	11.94	105	383358	18.447	ug/l	100
82) p-Isopropyltoluene	12.06	119	353635	18.857	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	185683	18.676	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	180202	18.202	ug/l	99
85) n-Butylbenzene	12.39	91	294431	18.673	ug/l	99
86) Hexachloroethane	12.59	117	60726	17.850	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	187919	18.609	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28751	19.036	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	119532	18.520	ug/l	99
90) Hexachlorobutadiene	13.78	225	60452	19.705	ug/l	99
91) Naphthalene	13.83	128	370787	19.114	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	122868	18.769	ug/l	99

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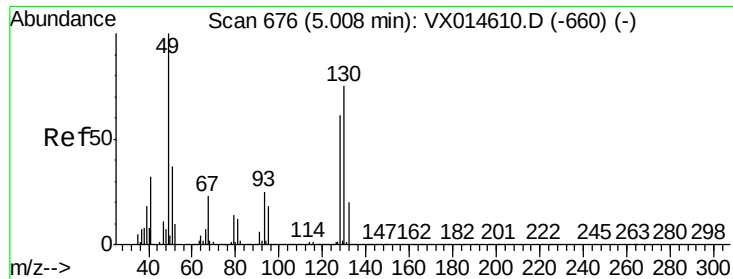
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

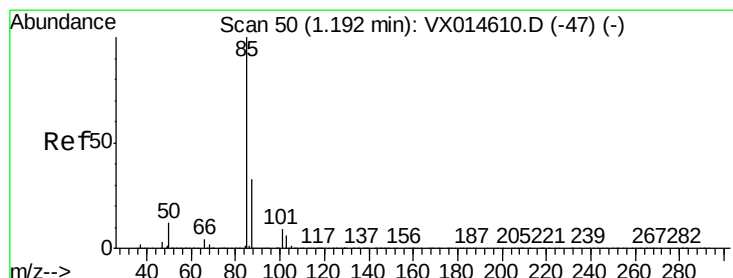
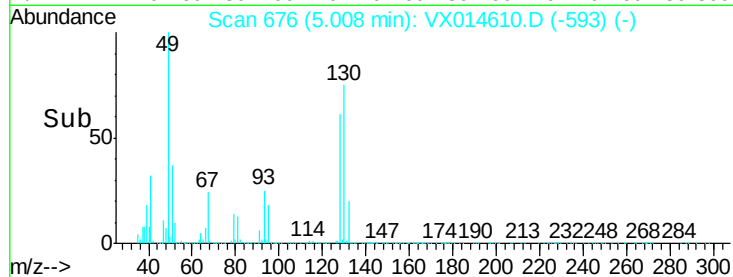
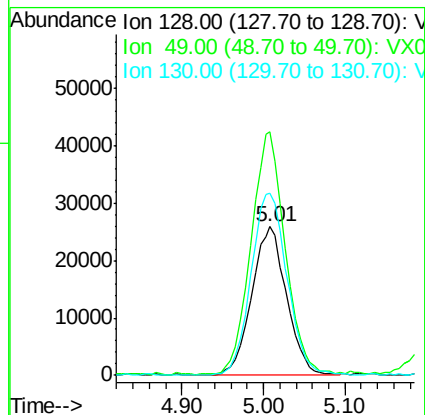
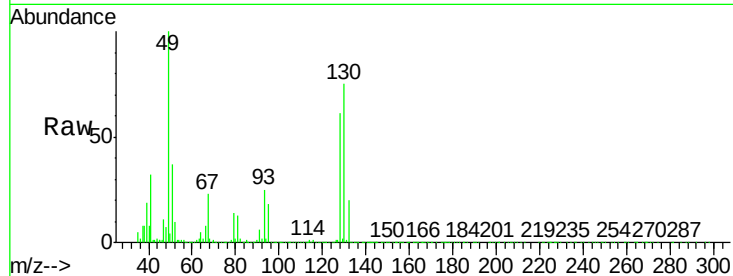
ClientSampleId :

VSTDICCC020

Tot Ion:	128	Resp:	77322
Ion	Ratio	Lower	Upper
128	100		
49	160.9	0.0	405.0
130	125.0	0.0	321.5

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#2

Dichlorodifluoromethane

Concen: 27.549 ug/l

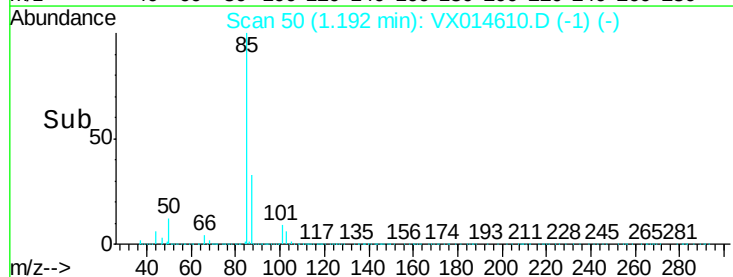
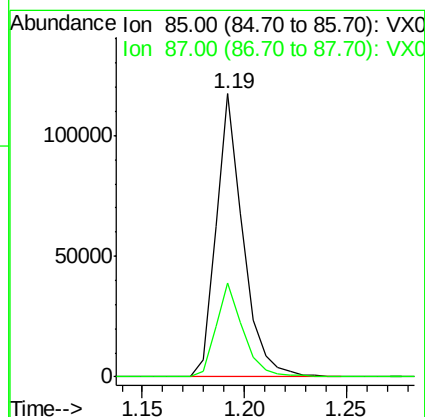
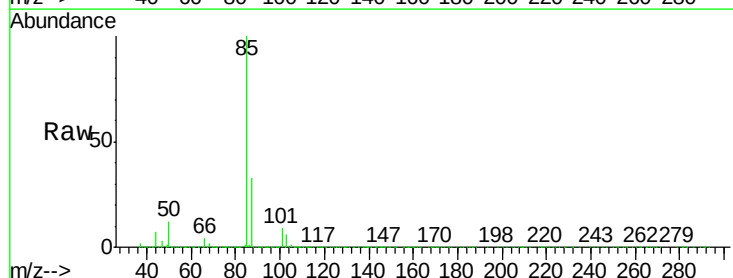
RT: 1.19 min Scan# 50

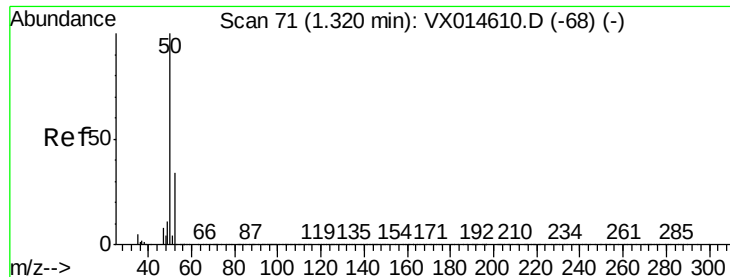
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	85	Resp:	107601
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.3	48.9





#3

Chloromethane

Concen: 21.225 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 116842

Ion Ratio Lower Upper

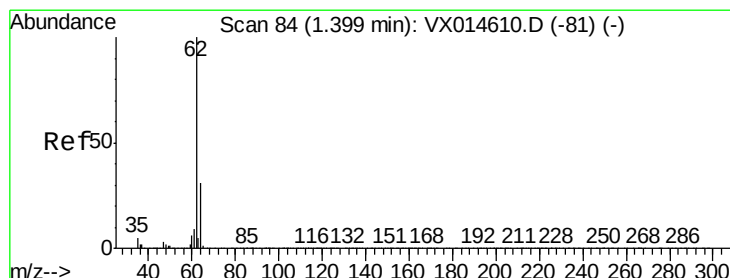
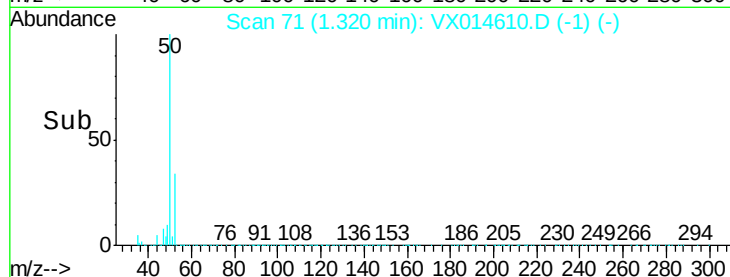
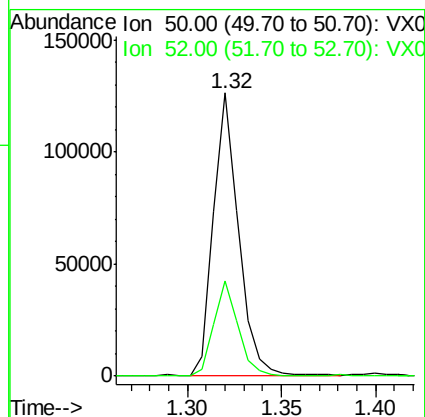
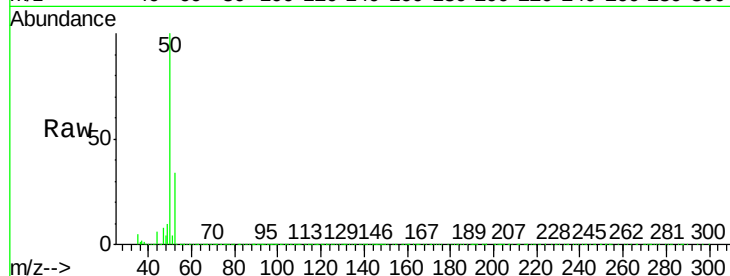
50 100

52 33.4 24.3 36.5

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#4

Vinyl Chloride

Concen: 23.083 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014610.D

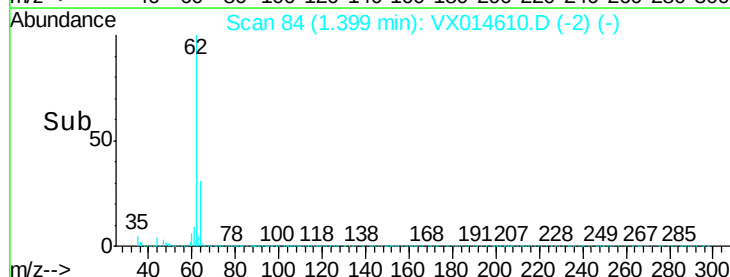
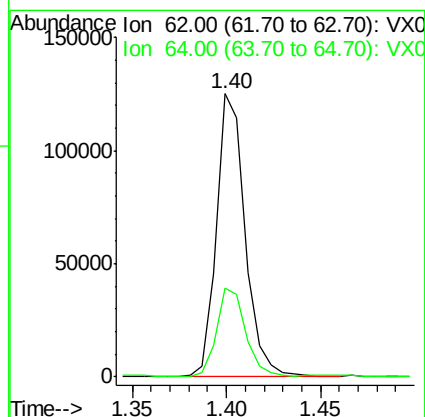
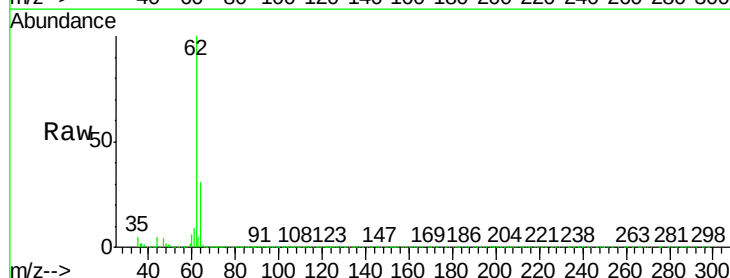
Acq: 15 Jan 2020 11:10

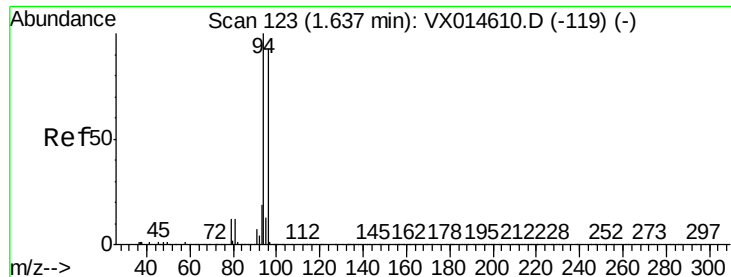
Tgt Ion: 62 Resp: 130264

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 16.479 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 67982

Ion Ratio Lower Upper

94 100

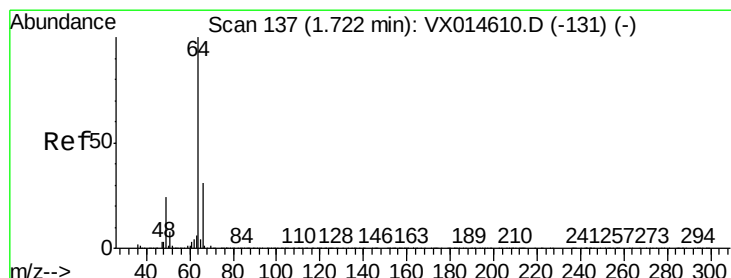
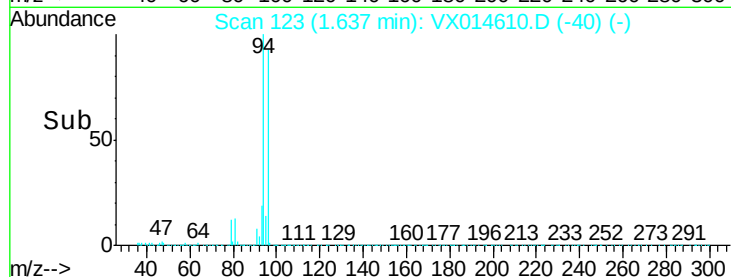
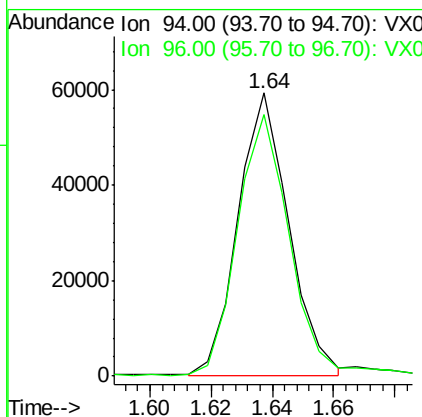
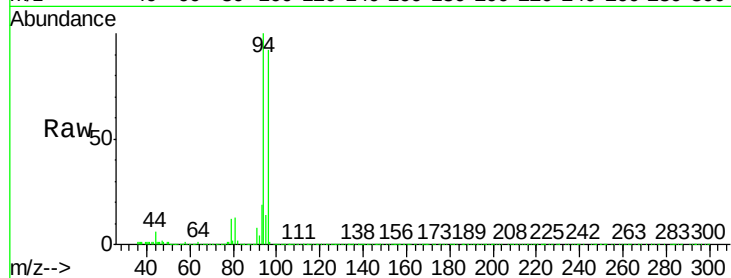
96 92.9 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 21.346 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014610.D

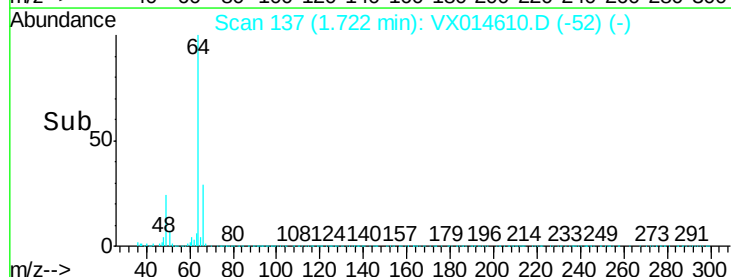
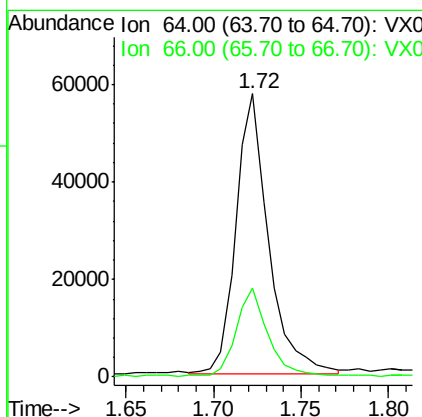
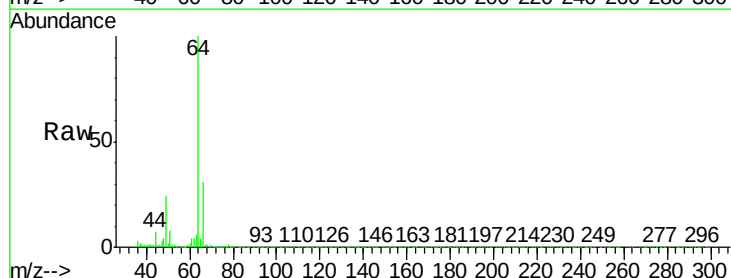
Acq: 15 Jan 2020 11:10

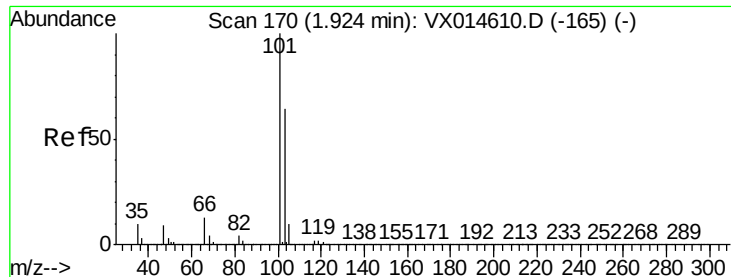
Tgt Ion: 64 Resp: 74407

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8





#7

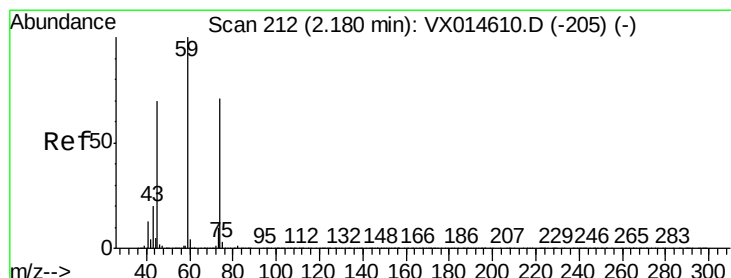
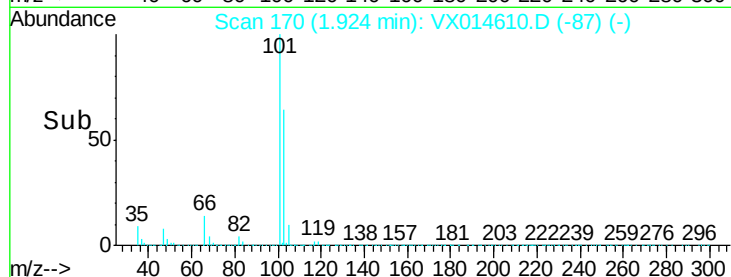
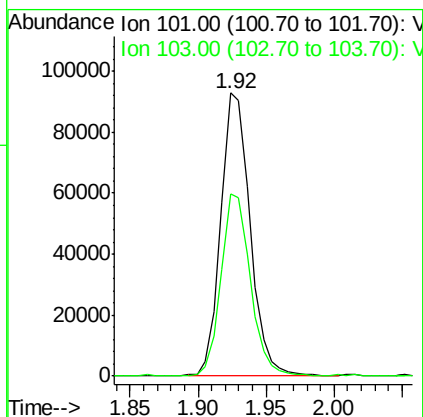
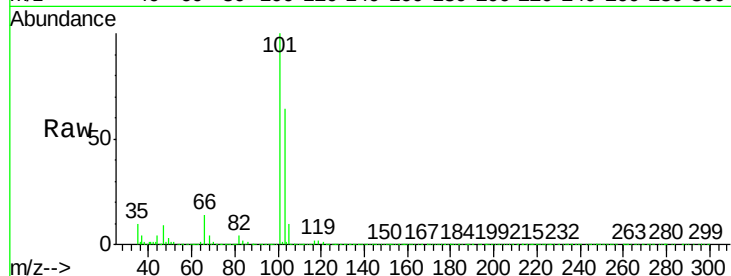
Trichlorofluoromethane
Concen: 19.612 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

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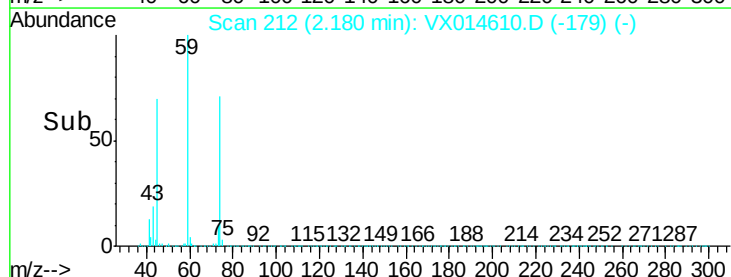
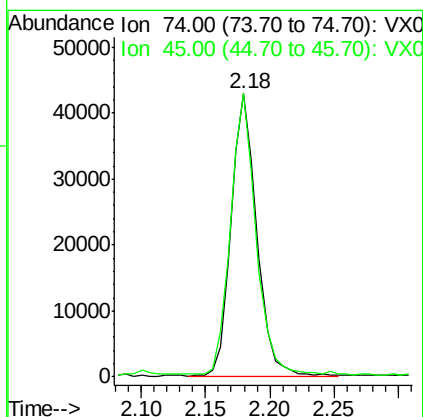
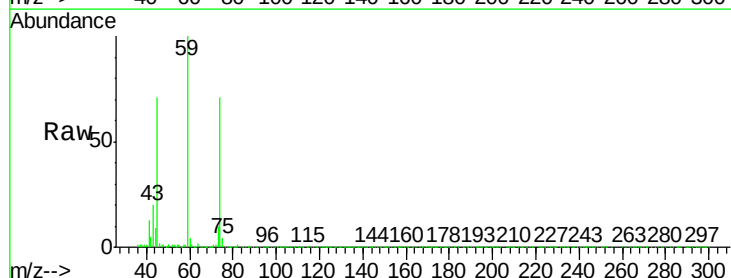
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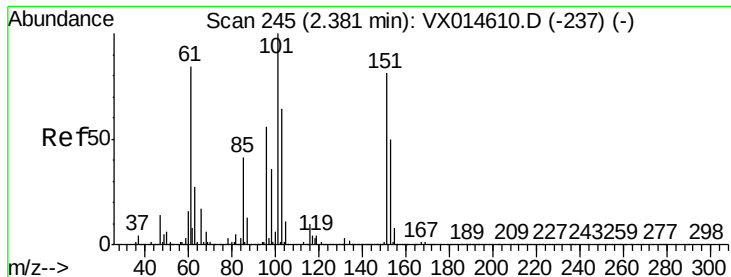


#8

Diethyl Ether
Concen: 18.447 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.618 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

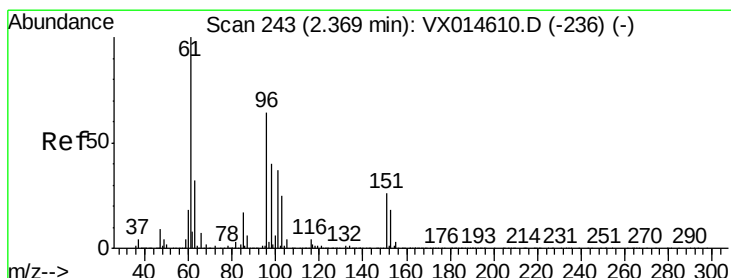
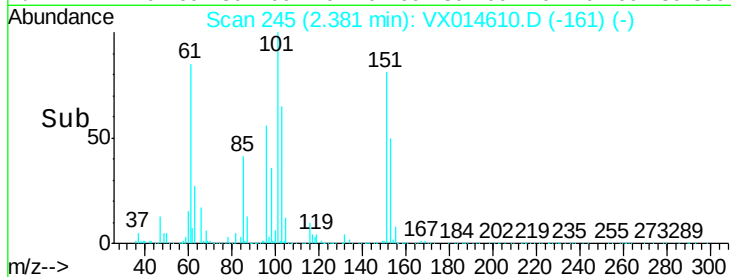
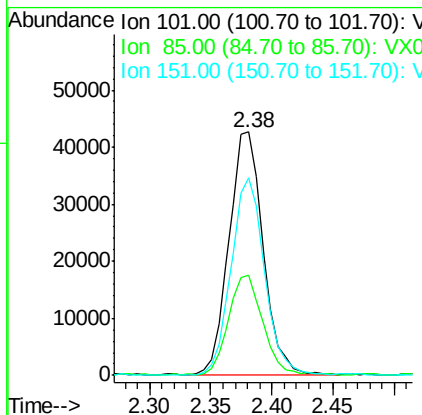
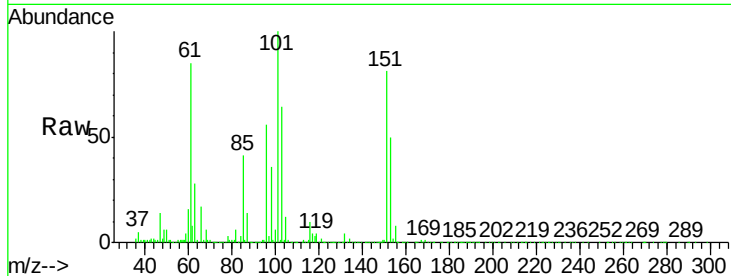
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	82162
Ion Ratio	Lower	Upper	
101	100		
85	40.3	0.0	85.6
151	79.6	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 18.576 ug/l

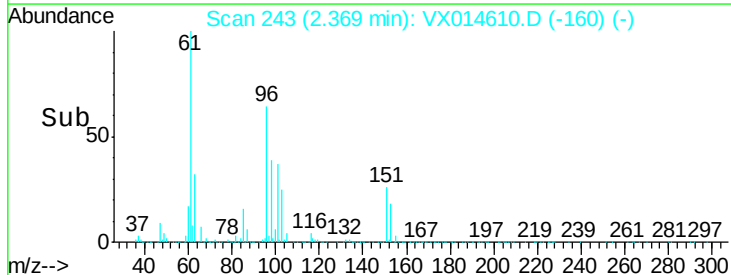
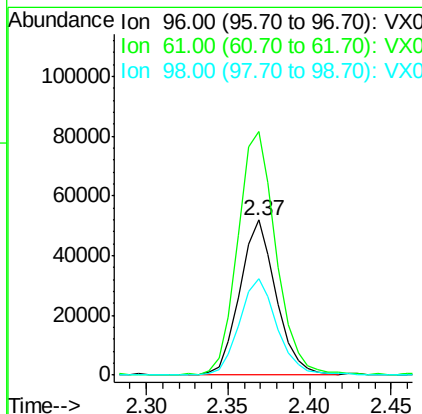
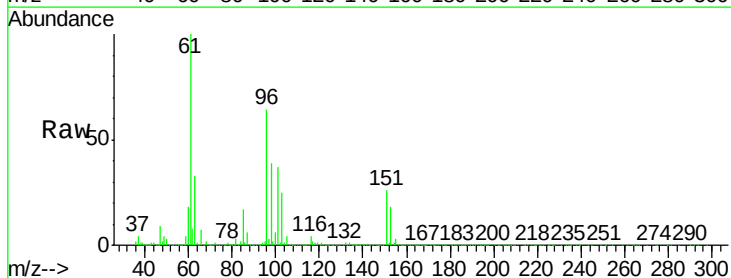
RT: 2.37 min Scan# 243

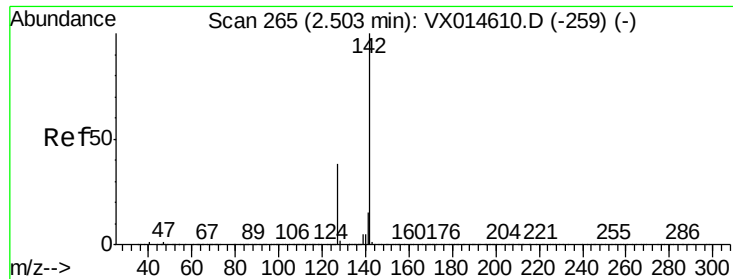
Delta R.T. 0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	96	Resp:	80431
Ion Ratio	Lower	Upper	
96	100		
61	156.4	123.0	184.6
98	61.9	51.4	77.0





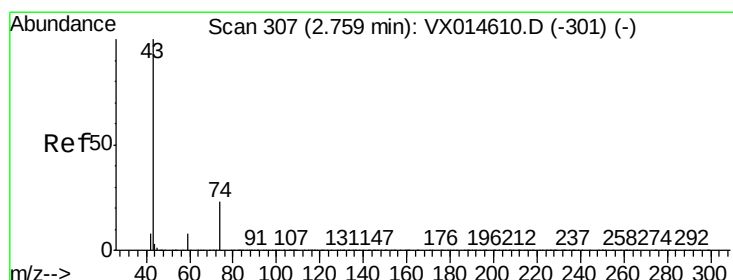
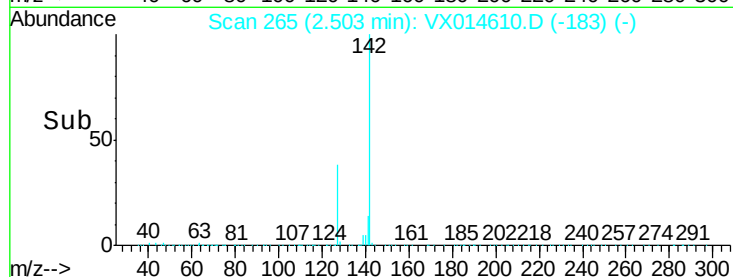
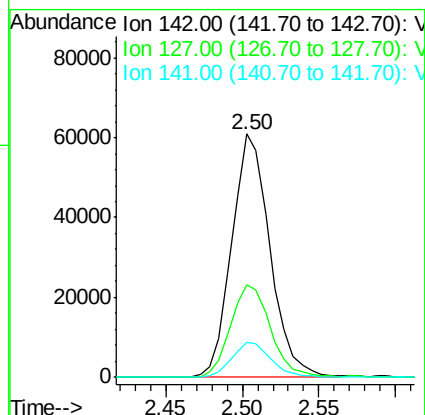
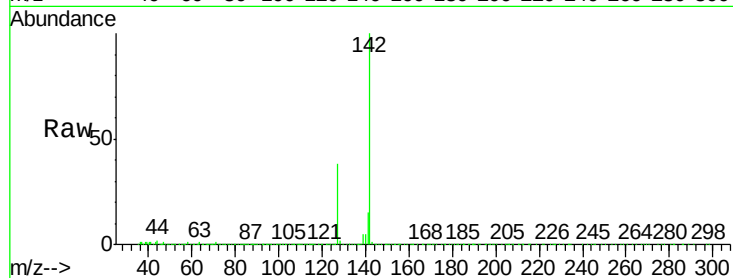
#11
Methvl Iodide
Concen: 18.870 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.0	19.5	58.5
141	14.4	7.0	20.9

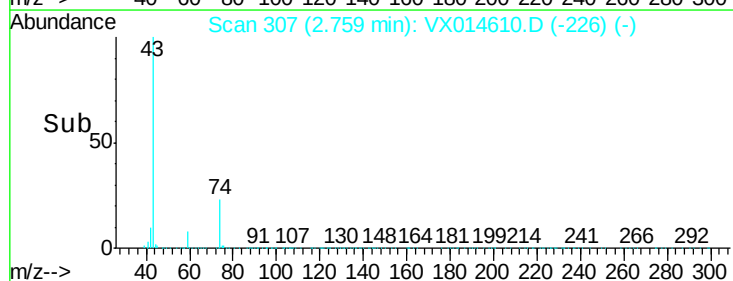
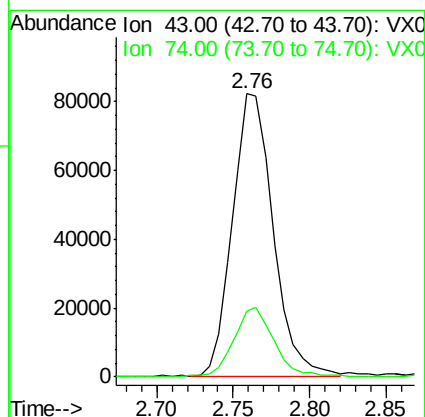
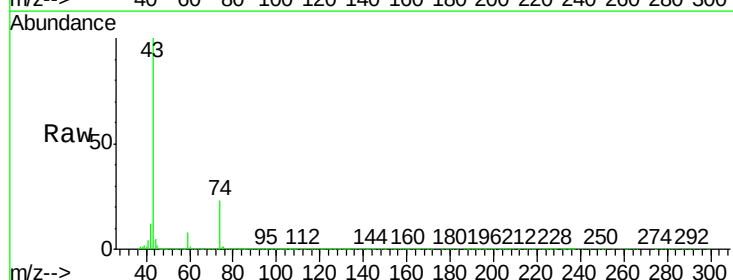
Manual Integrations
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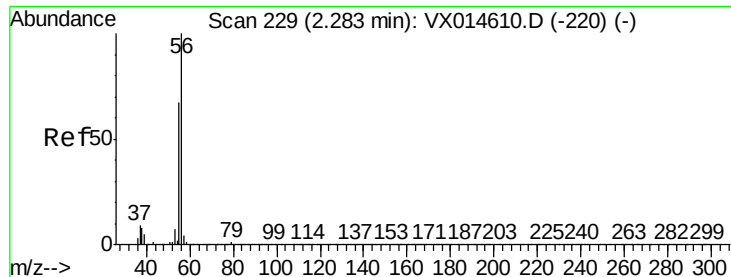
MMDadoda
1/16/2020 9:41:57 AM



#12
Methyl Acetate
Concen: 22.491 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7





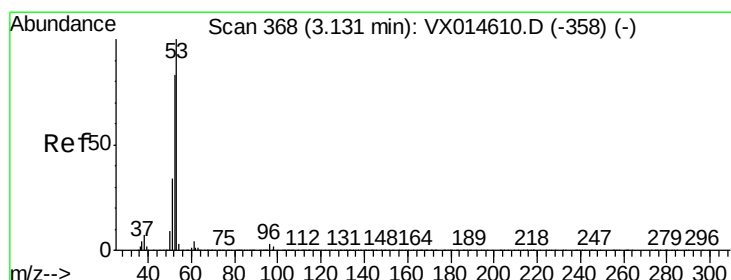
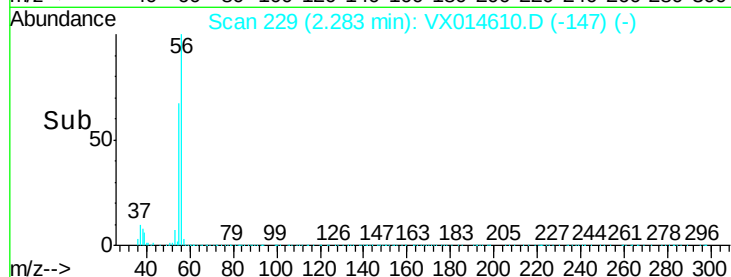
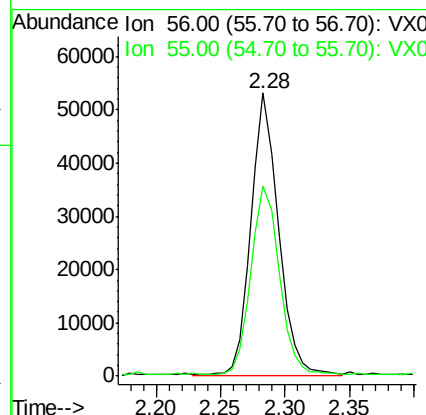
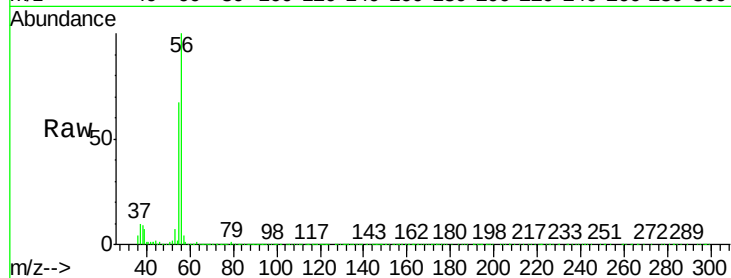
#13
Acrolein
Concen: 95.526 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.3	54.9	82.3

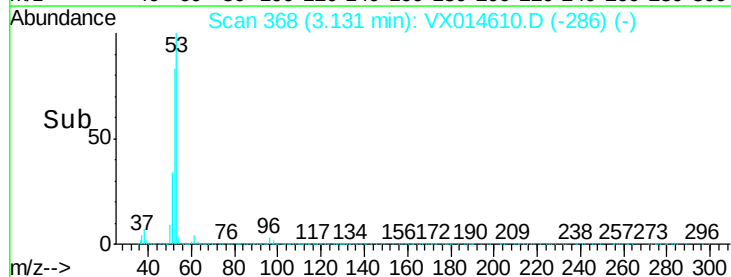
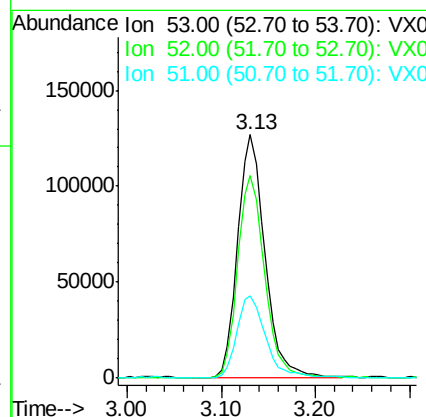
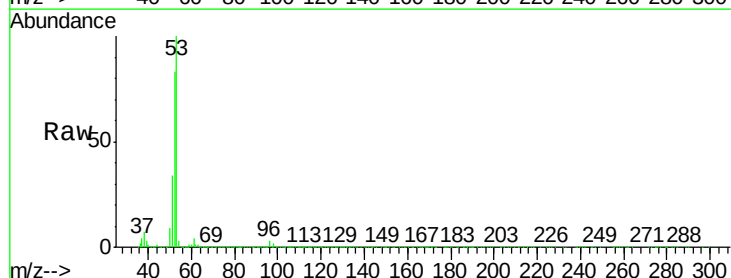
Manual Integrations
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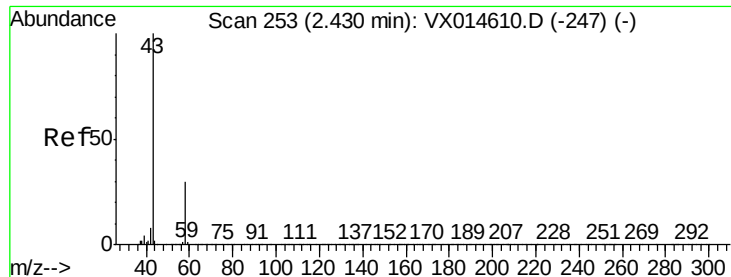
MMDadoda
1/16/2020 9:41:57 AM



#14
Acrylonitrile
Concen: 98.509 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	81.5	41.5	124.6
51	51	35.1	17.8	53.5





#15

Acetone

Concen: 117.614 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 90537

Ion Ratio Lower Upper

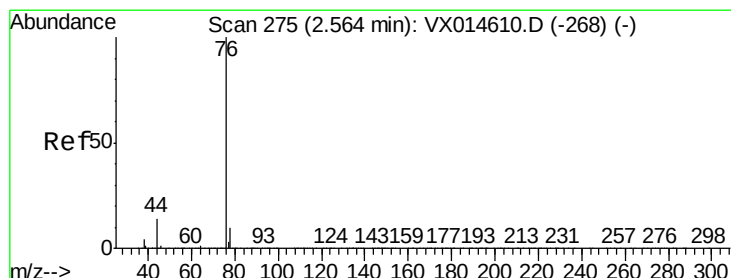
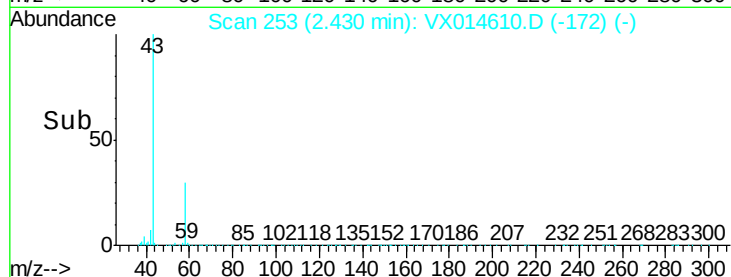
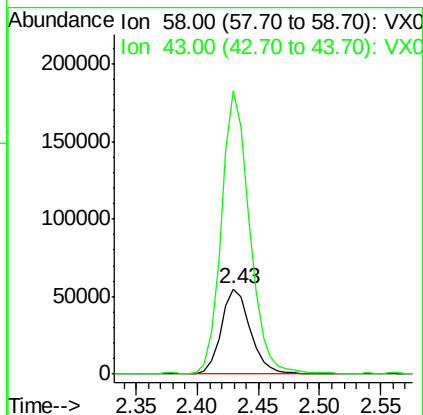
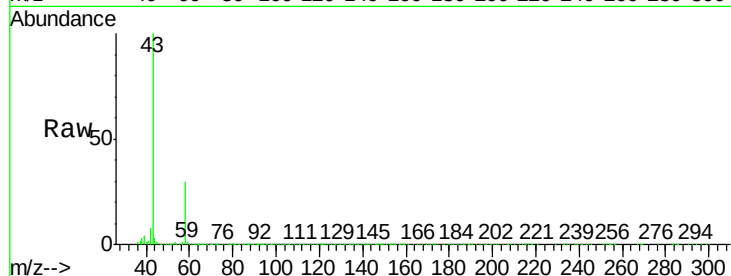
58 100

43 330.7 236.3 354.5

Manual Integrations
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#16

Carbon Disulfide

Concen: 18.611 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014610.D

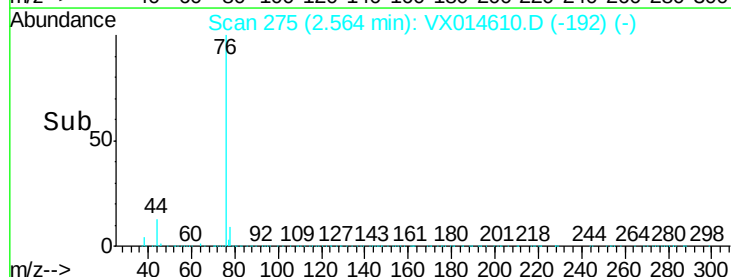
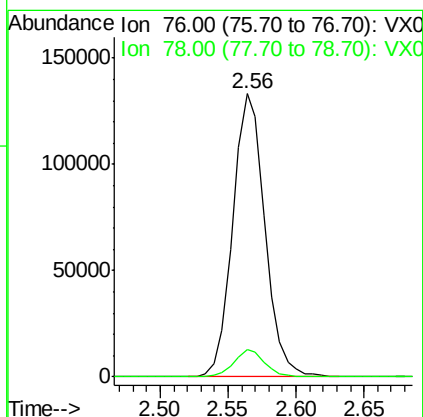
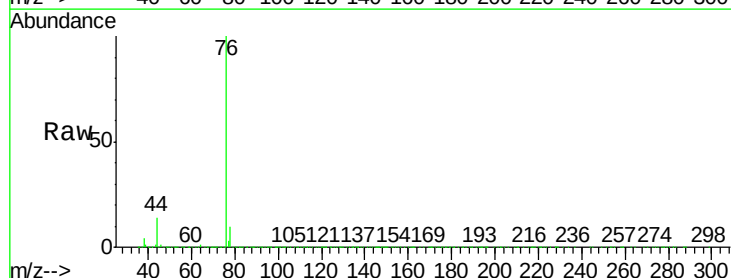
Acq: 15 Jan 2020 11:10

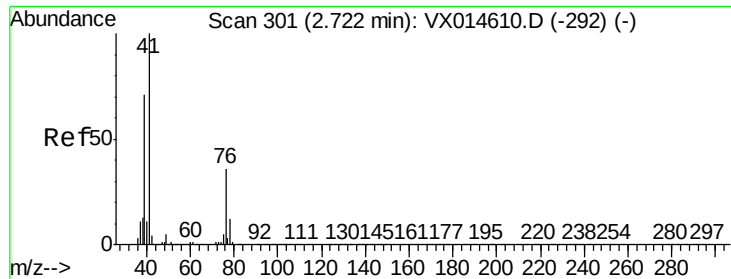
Tgt Ion: 76 Resp: 218301

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8





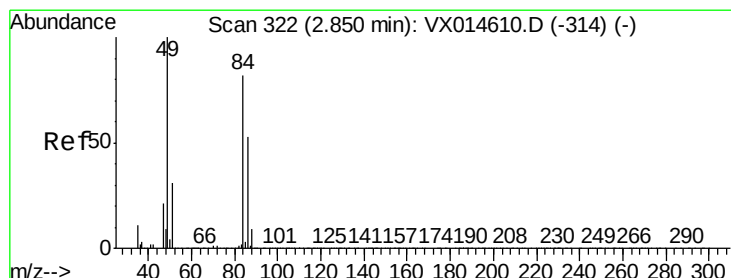
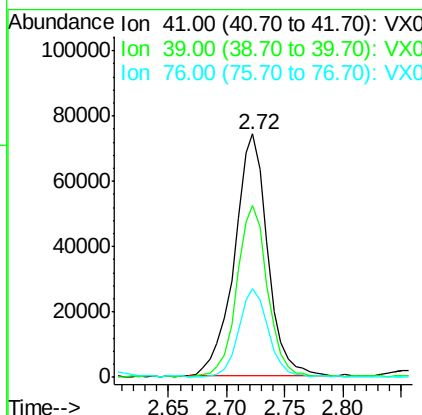
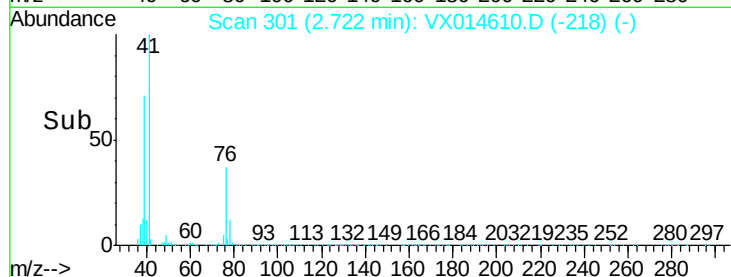
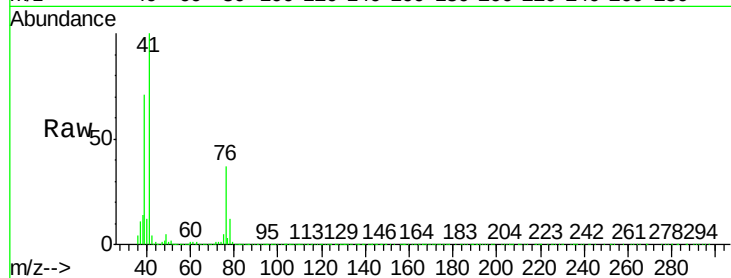
#17
Allvl chloride
Concen: 18.990 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.8	33.4	100.2
76	36.4	17.0	50.9

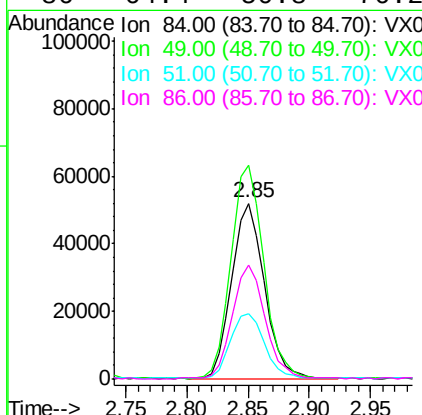
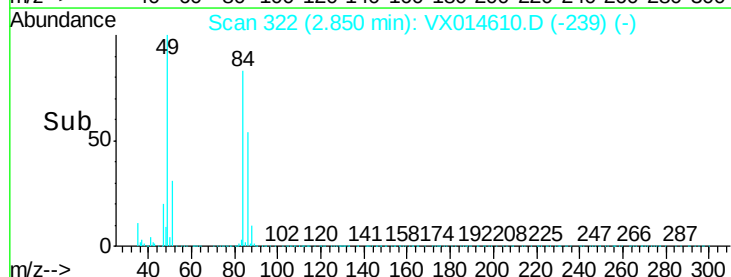
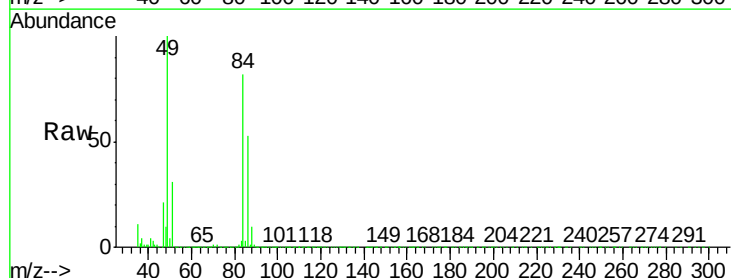
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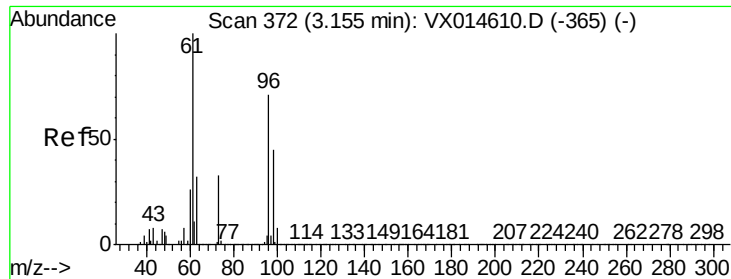
MMDadoda
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#18
Methylene Chloride
Concen: 18.212 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.4	102.2	153.2
51	37.1	31.4	47.0
86	64.4	50.8	76.2





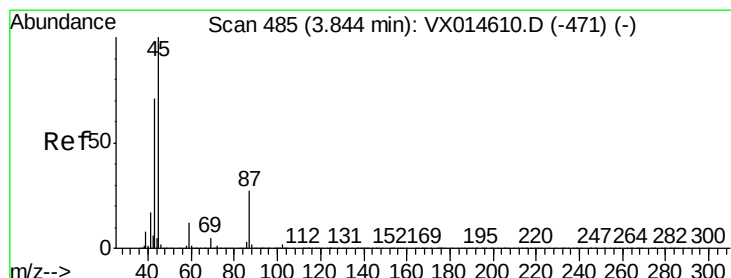
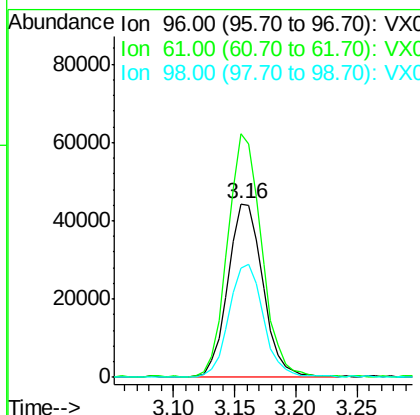
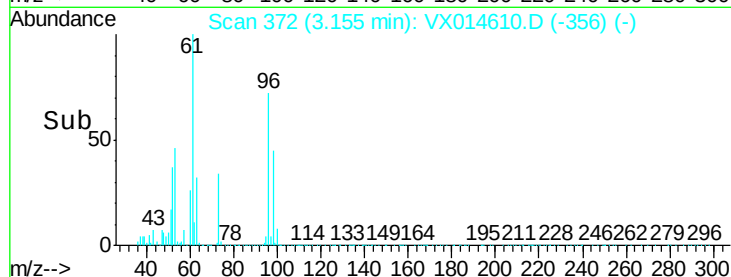
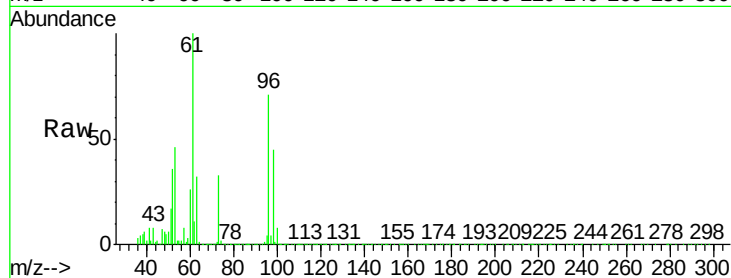
#19
trans-1,2-Dichloroethene
Concen: 18.355 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	106.6	159.8
98	62.3	51.6	77.4

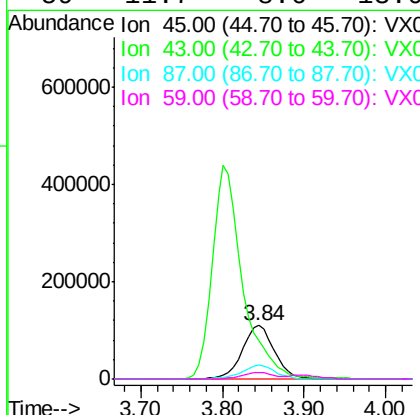
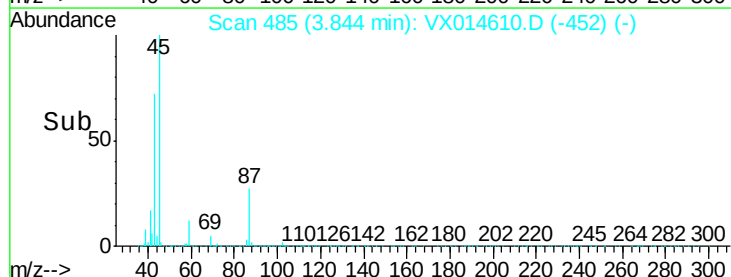
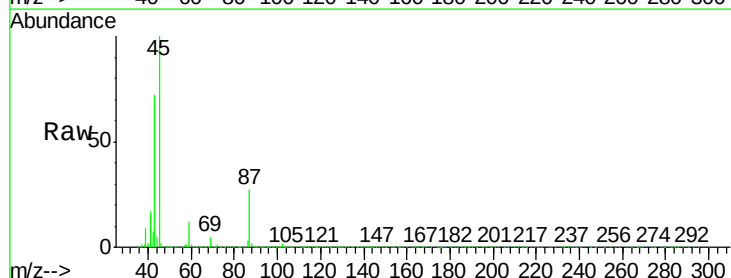
Manual Integrations
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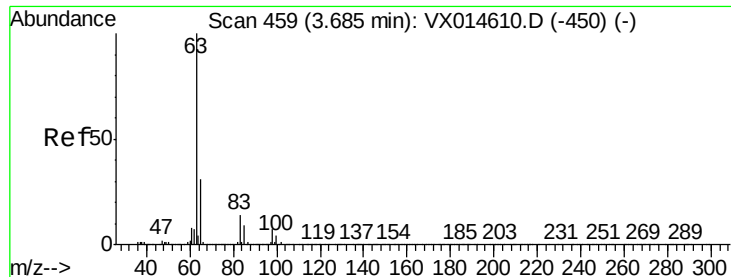
MMDadoda
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#20
Diisopropyl ether
Concen: 18.778 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.2	55.9	83.9
87	26.8	22.2	33.2
59	11.7	8.6	13.0





#21

1,1-Dichloroethane

Concen: 18.702 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

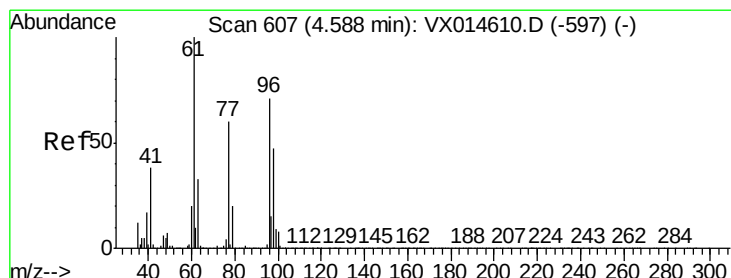
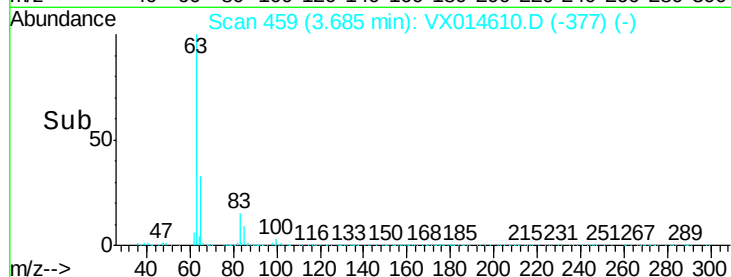
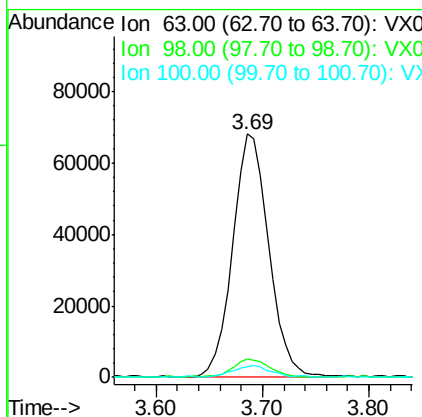
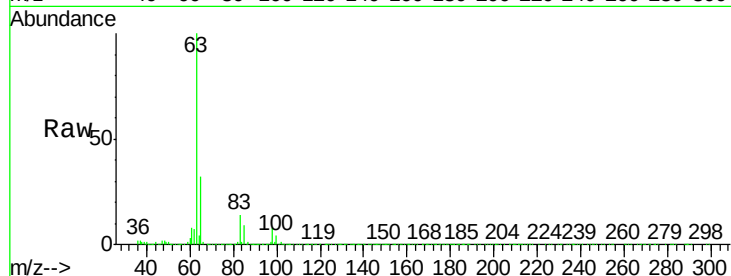
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	162043
Ion Ratio		Lower	Upper
63	100		
98	7.3	3.4	10.1
100	3.9	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.081 ug/l

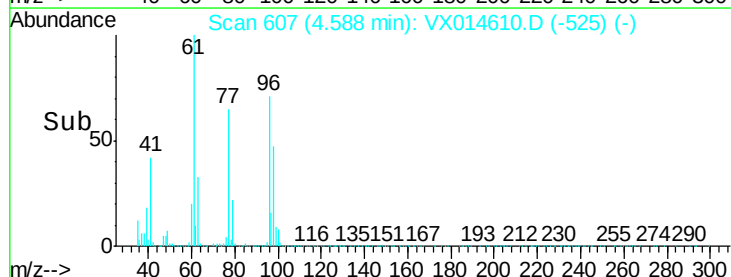
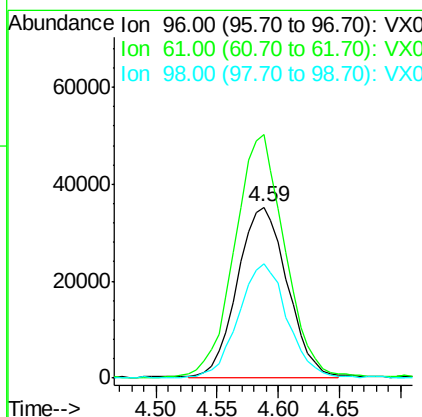
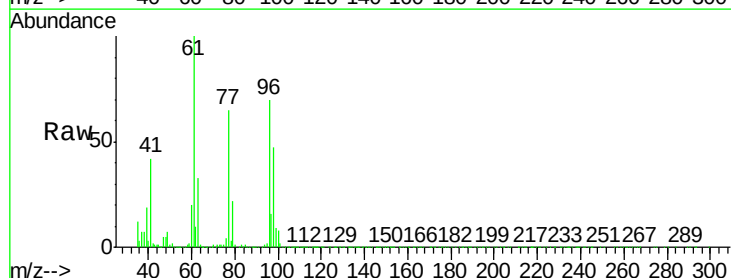
RT: 4.59 min Scan# 607

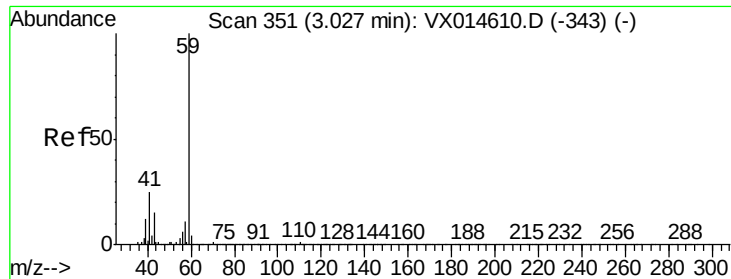
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	96	Resp:	99379
Ion Ratio		Lower	Upper
96	100		
61	144.2	112.4	168.6
98	66.1	50.3	75.5





#23

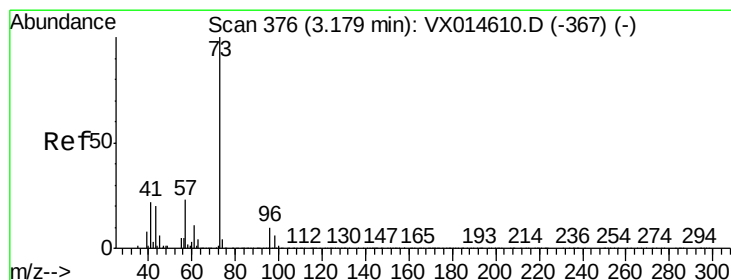
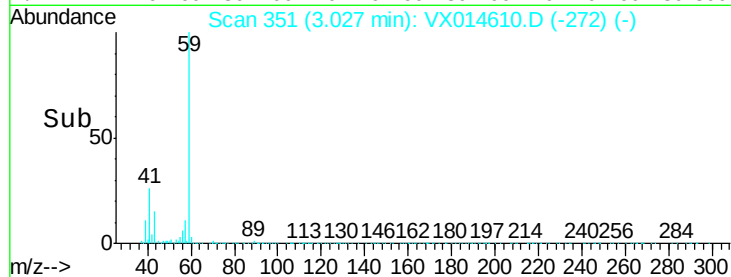
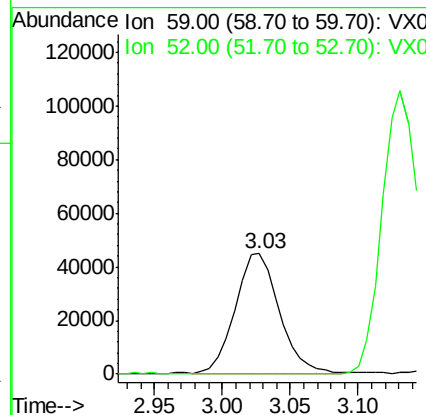
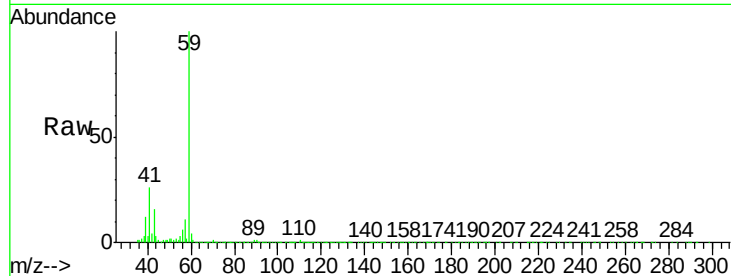
tert-Butyl Alcohol
 Concen: 99.095 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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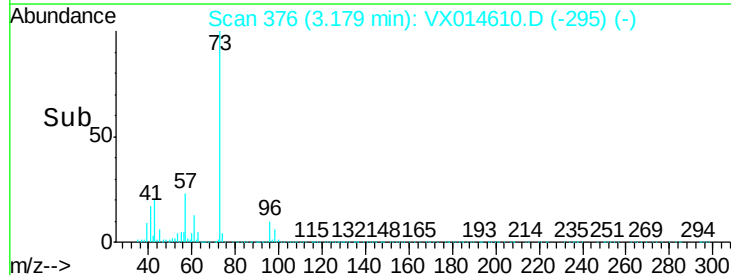
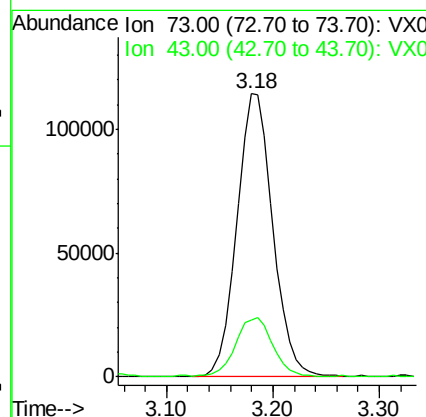
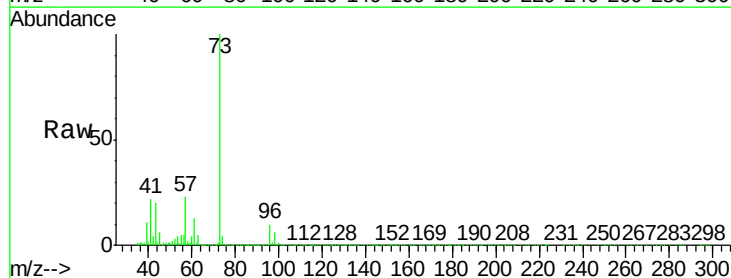
MMDadoda
 1/16/2020 9:41:57 AM

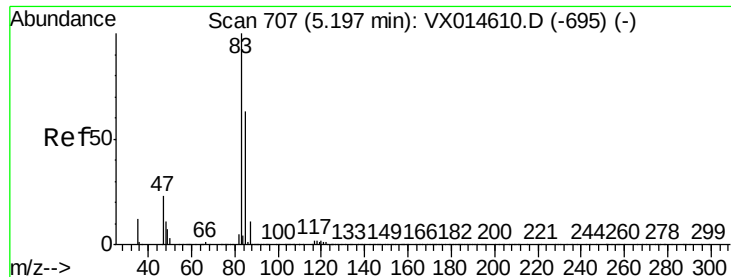


#24

Methyl tert-Butyl Ether
 Concen: 18.522 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.6	25.0





#25

Chloroform

Concen: 18.897 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 156103

Ion Ratio Lower Upper

83 100

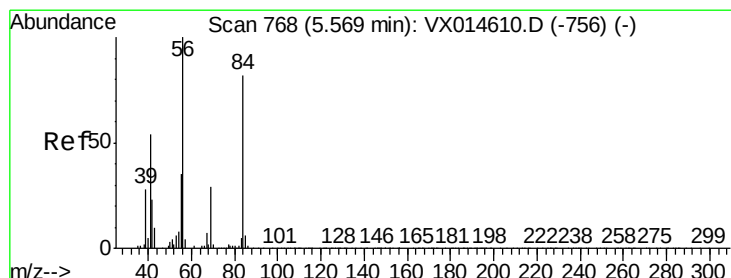
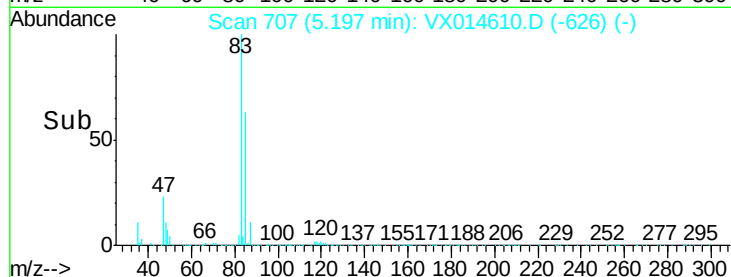
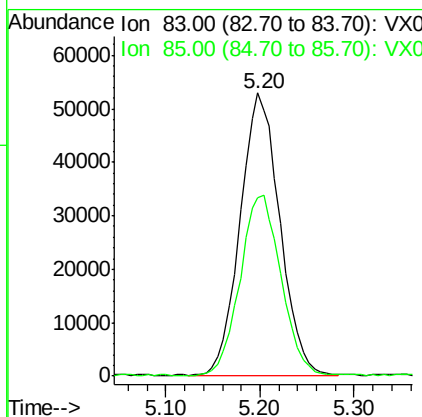
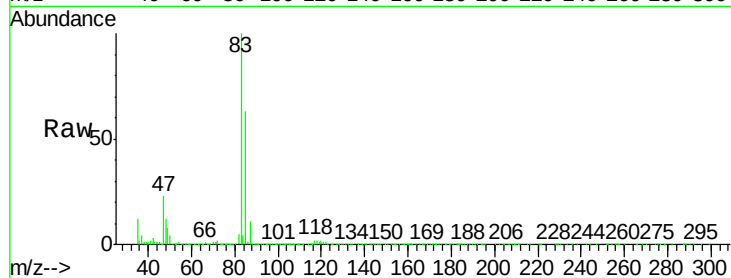
85 63.0 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 19.187 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

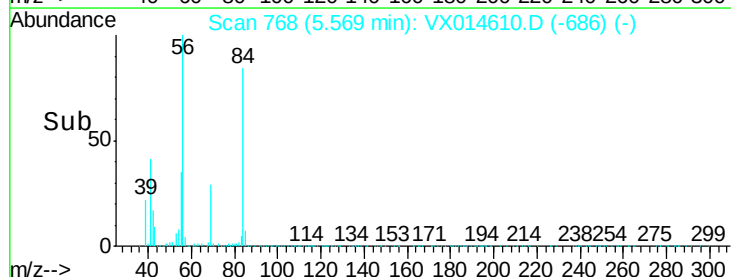
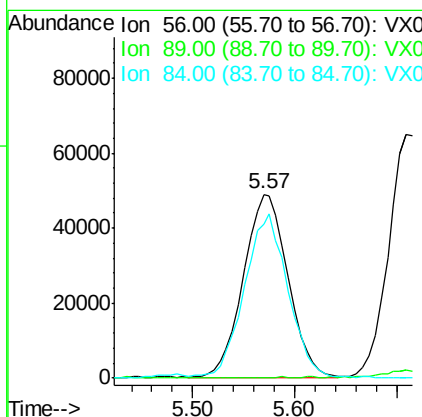
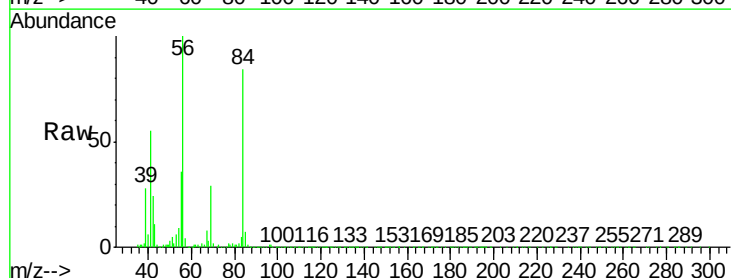
Tgt Ion: 56 Resp: 148240

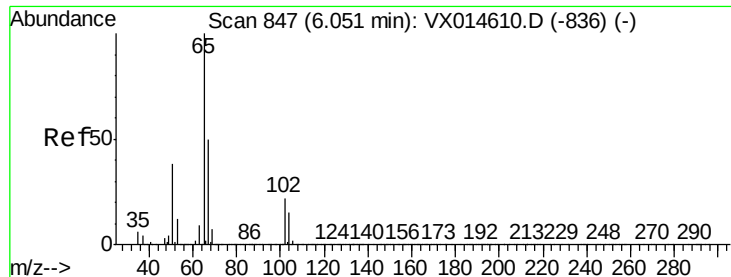
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 87.1 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.186 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 65 Resp: 161623

Ion Ratio Lower Upper

65 100

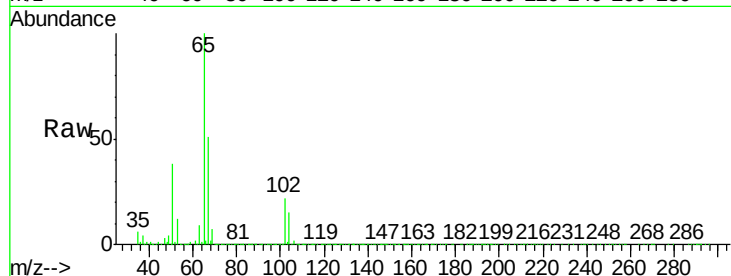
67 53.4 43.1 64.7

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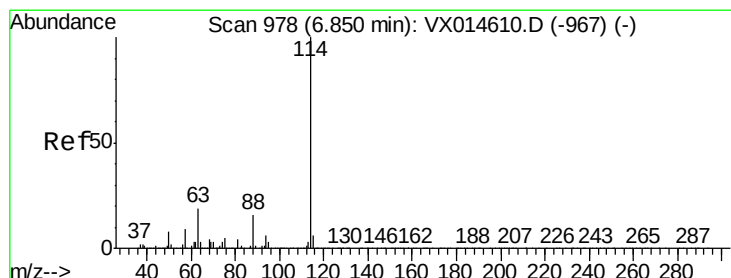
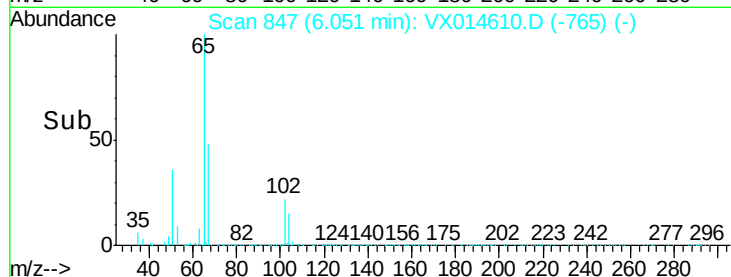
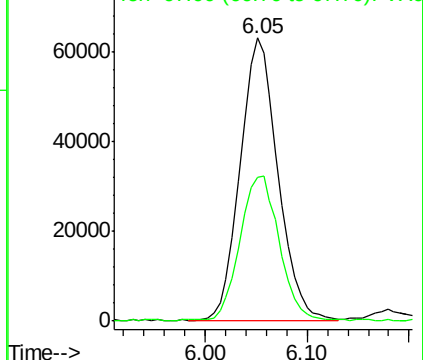
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

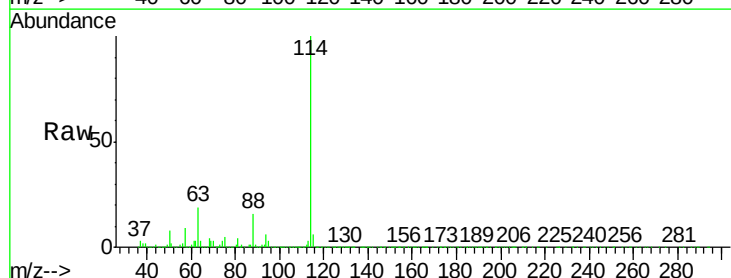
Tgt Ion: 114 Resp: 416470

Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

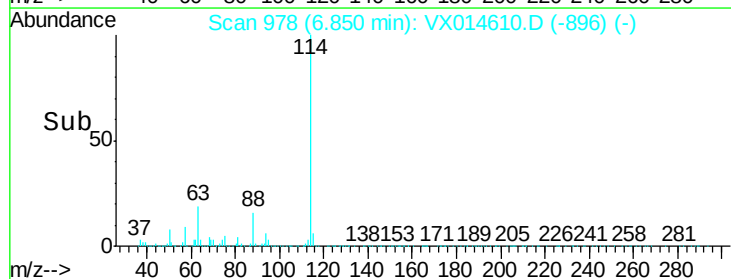
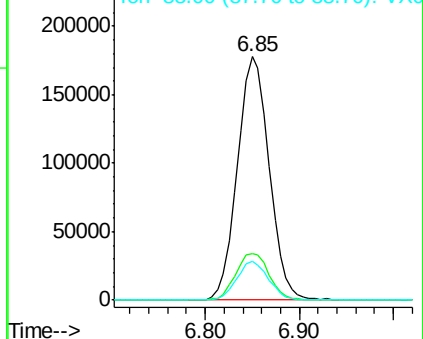
88 15.9 12.5 18.7

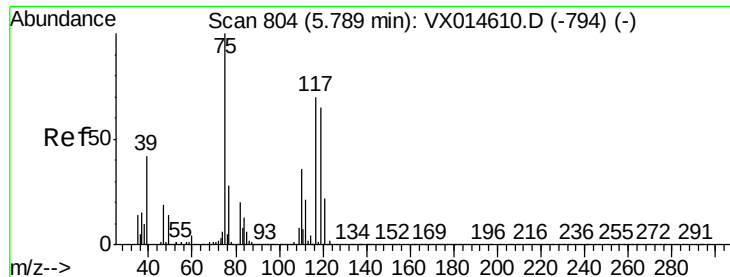


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





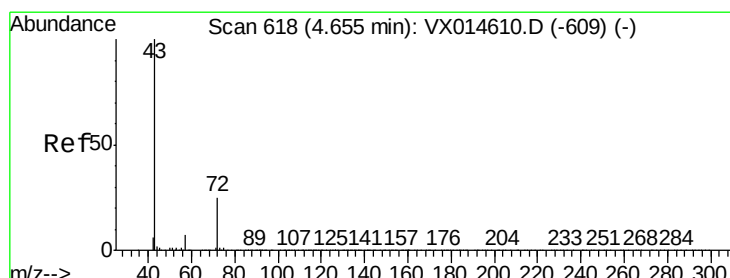
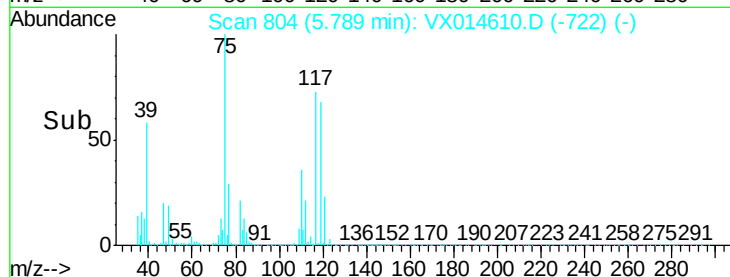
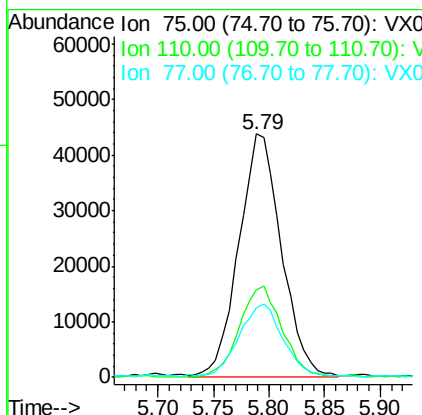
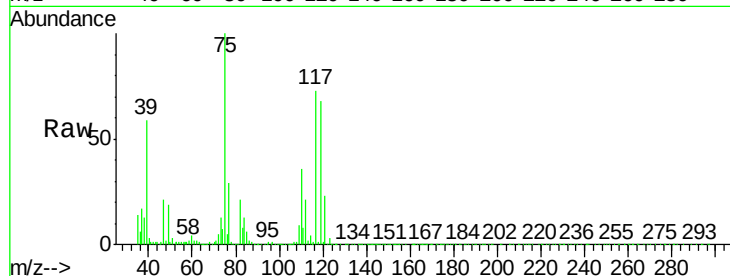
#29
 1,1-Dichloropropene
 Concen: 19.355 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	73.8
77	30.3	0.0	62.4

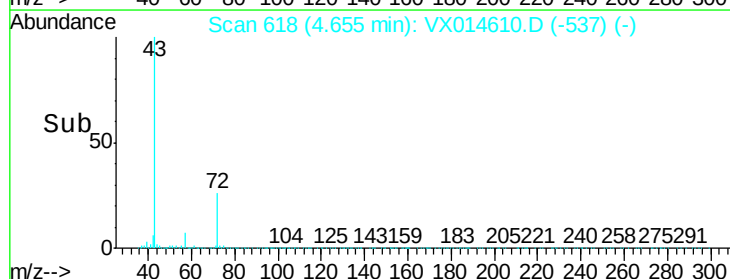
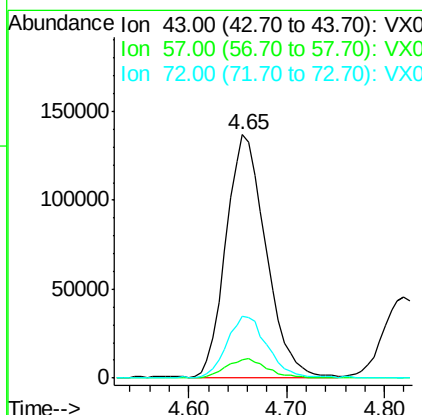
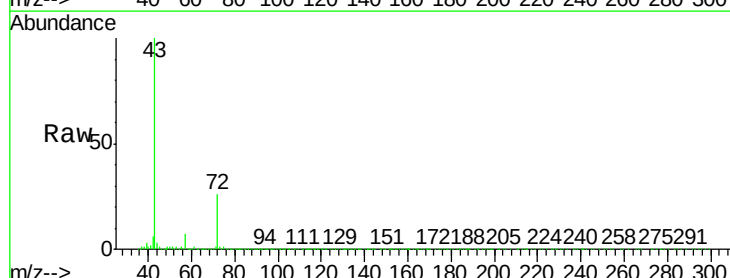
Manual Integrations
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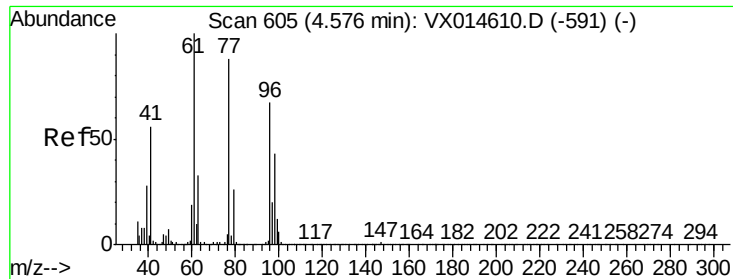
MMDadoda
 1/16/2020 9:41:57 AM



#30
 2-Butanone
 Concen: 108.458 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	24.9	20.3	30.5





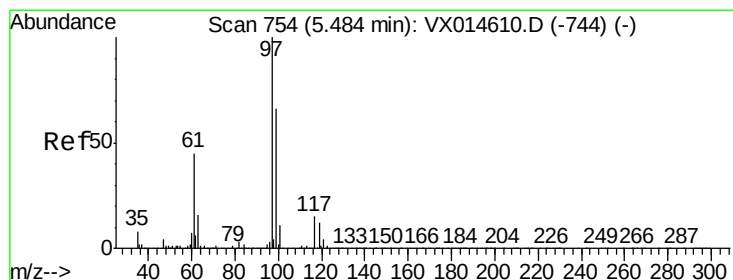
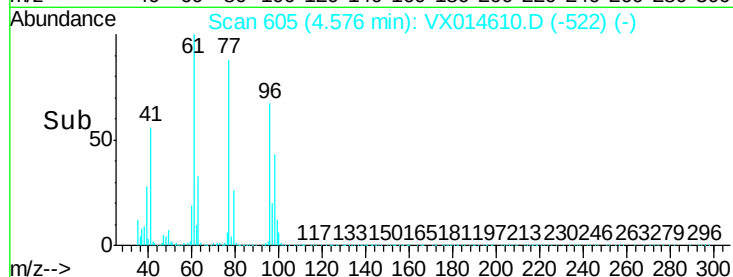
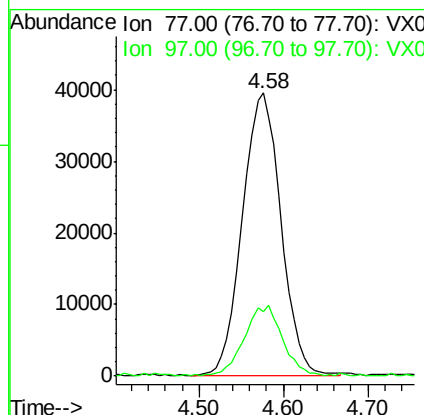
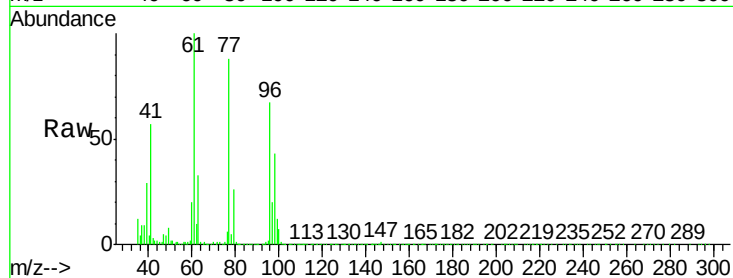
#31
 2,2-Dichloropropane
 Concen: 22.211 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
77	100		
97	24.6	19.7	29.5

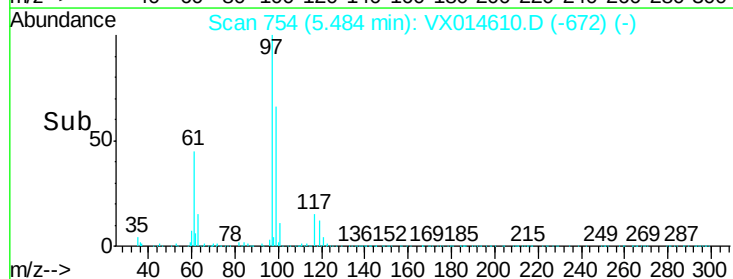
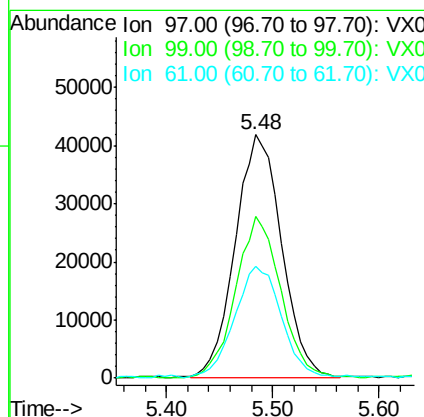
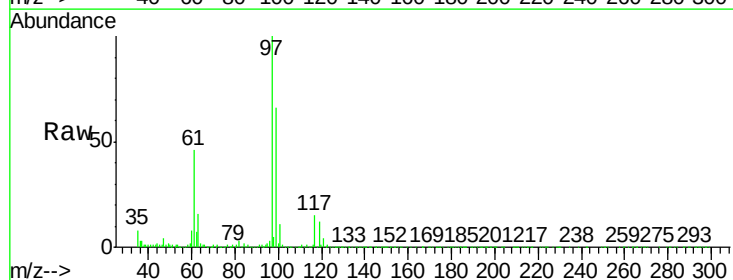
Manual Integrations
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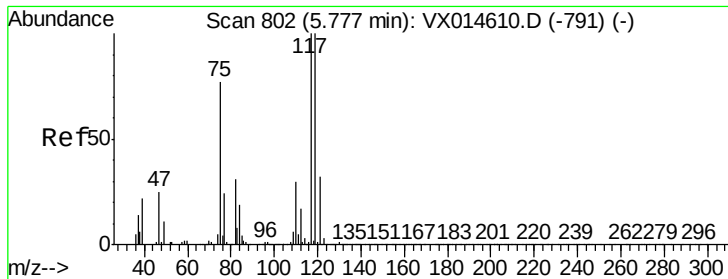
MMDadoda
 1/16/2020 9:41:57 AM



#32
 1,1,1-Trichloroethane
 Concen: 19.196 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	46.7	36.8	55.2





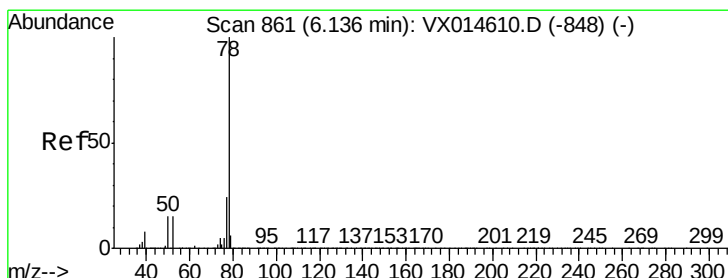
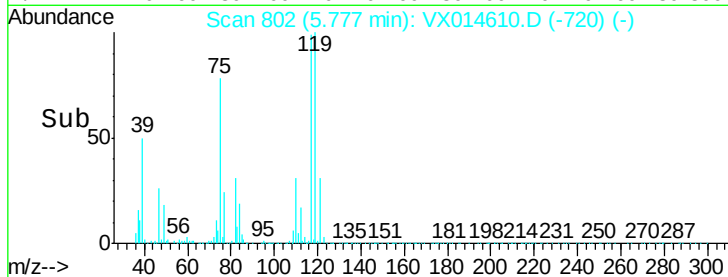
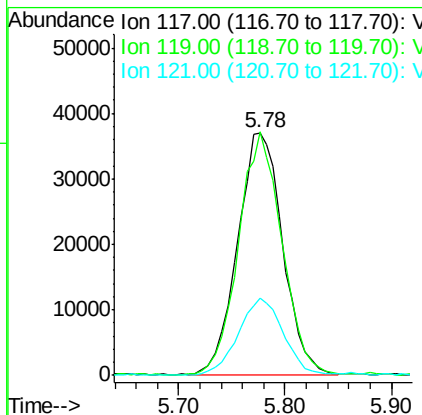
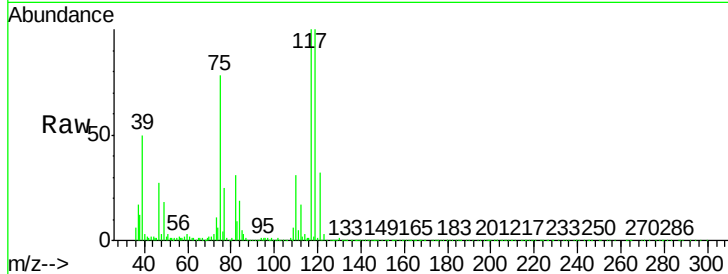
#33
Carbon Tetrachloride
Concen: 19.269 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.2	115.8
121	31.7	24.8	37.2

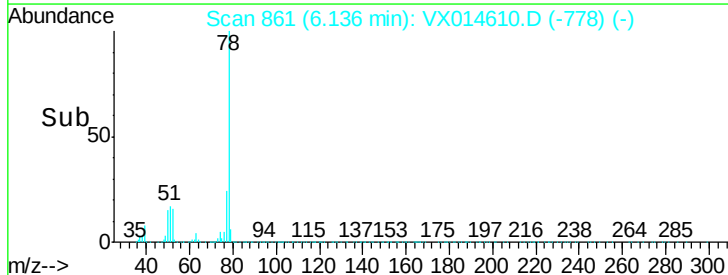
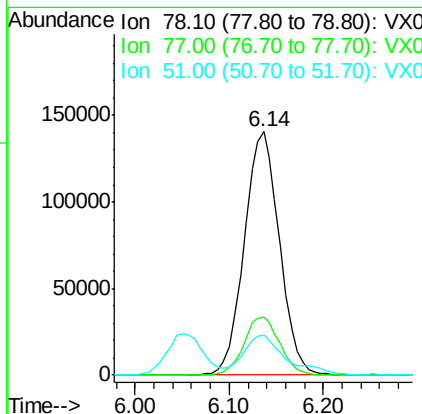
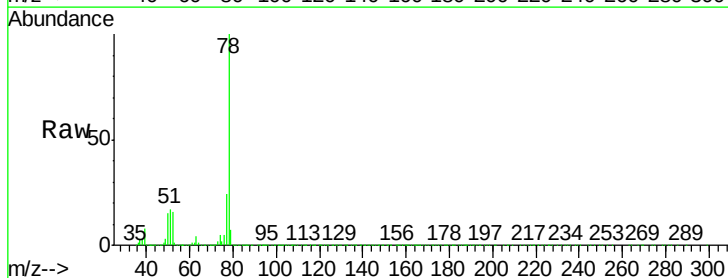
Manual Integrations
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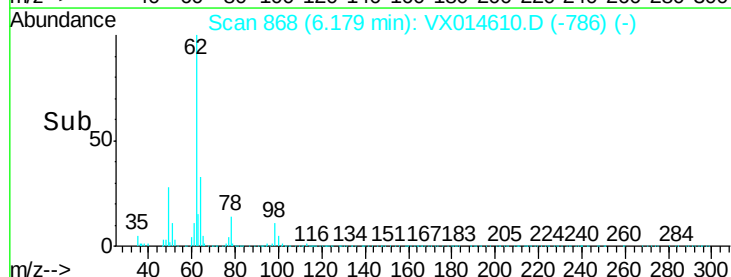
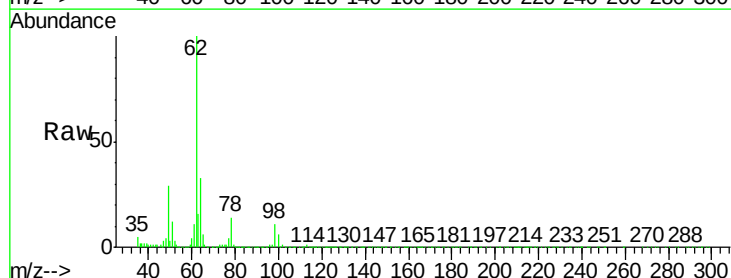
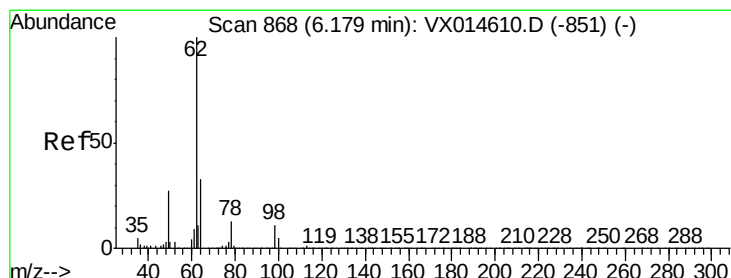
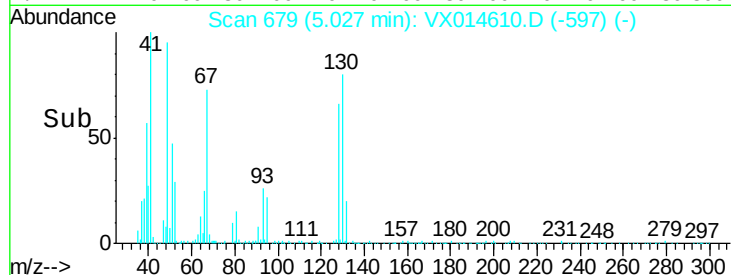
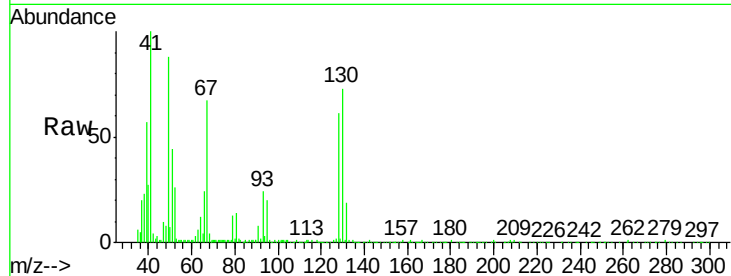
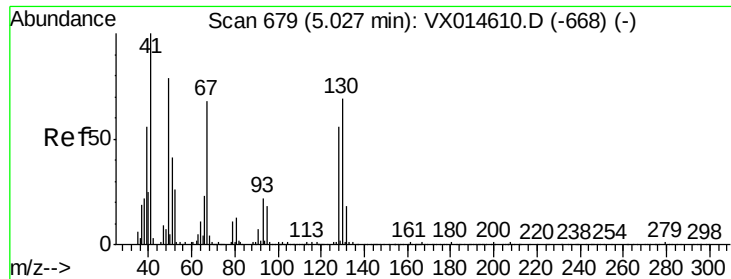
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#34
Benzene
Concen: 19.614 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

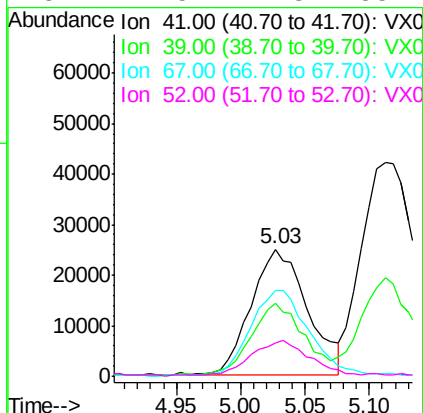
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2
51	15.9	12.4	18.6





#35
Methacrylonitrile
Concen: 19.677 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	26.7	80.1	
67	66.8	31.5	94.5	
52	24.5	12.8	38.4	



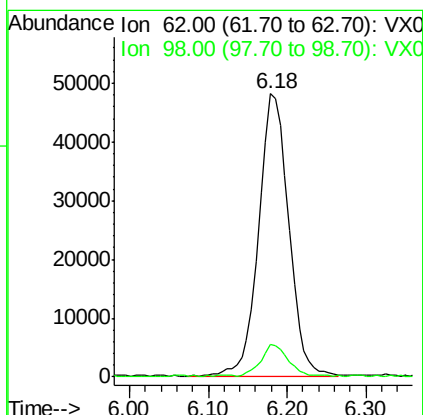
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

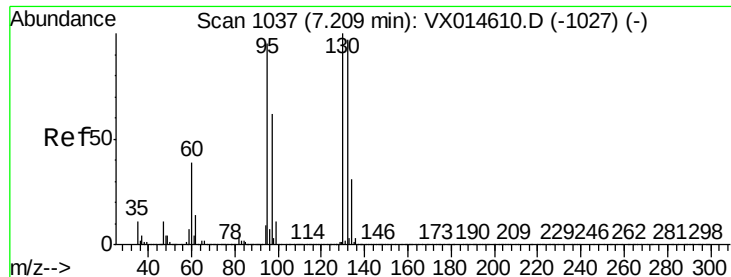
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 19.659 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.4	12.6	





#37

Trichloroethene

Concen: 19.581 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:130 Resp: 99946

Ion Ratio Lower Upper

130 100

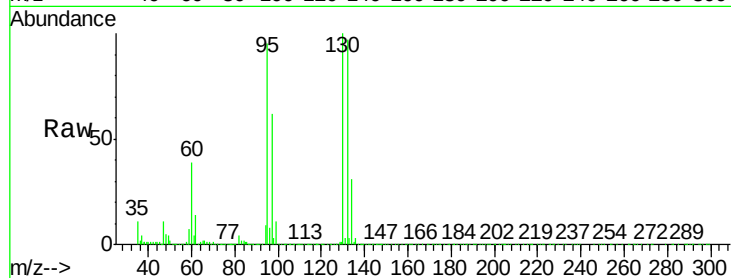
95 94.9 71.7 107.5

Manual Integrations

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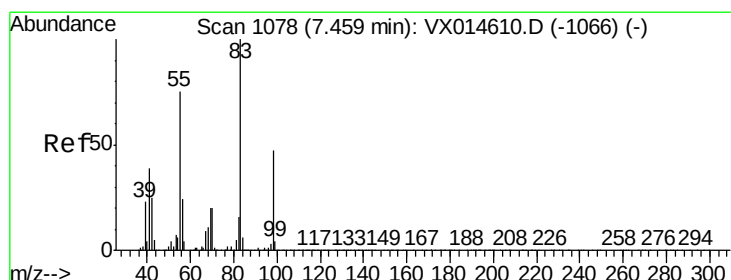
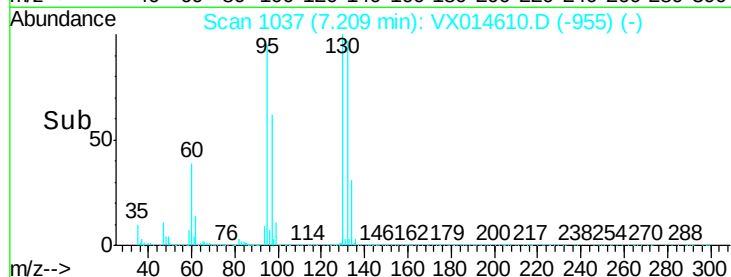
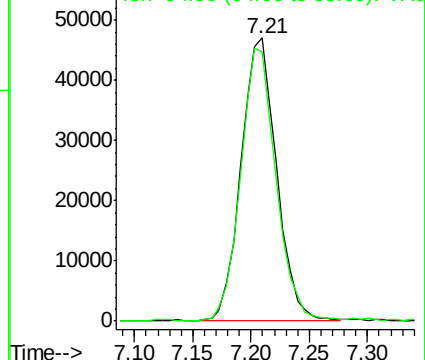
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.310 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

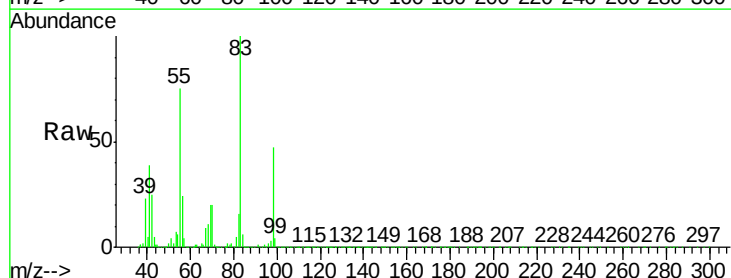
Tgt Ion: 83 Resp: 145743

Ion Ratio Lower Upper

83 100

55 77.2 39.4 118.1

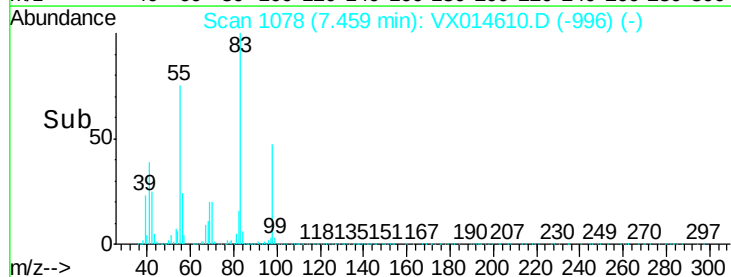
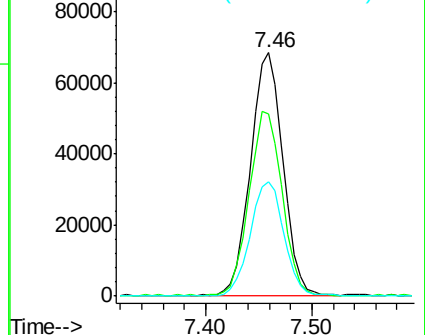
98 49.4 25.1 75.3

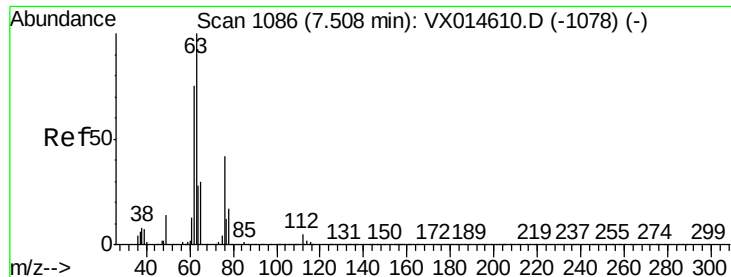


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





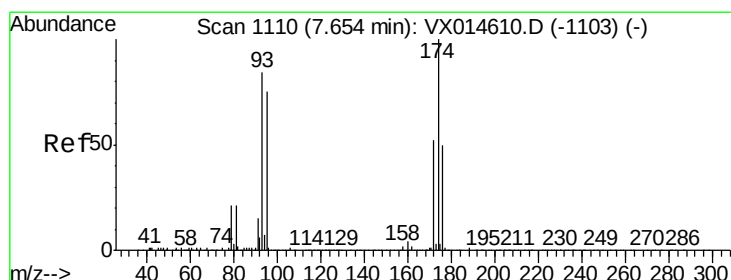
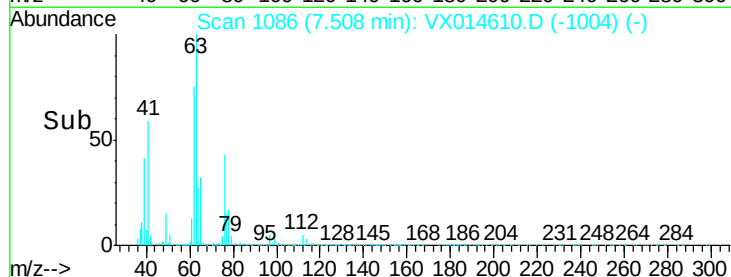
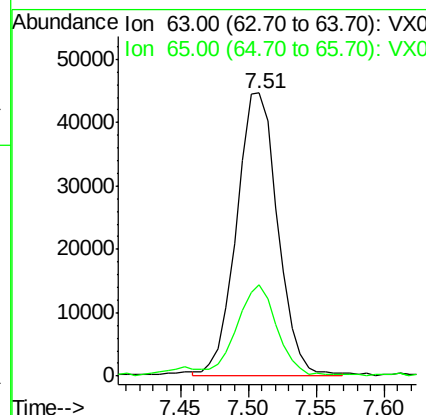
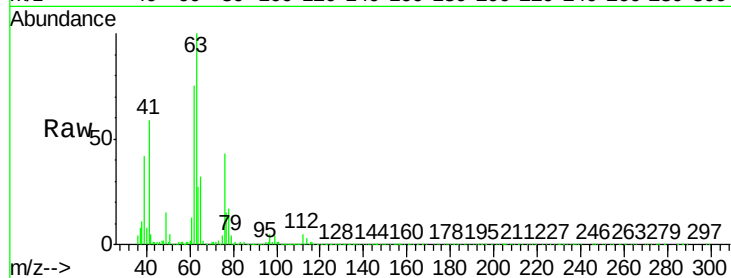
#39
 1,2-Dichloropropane
 Concen: 19.416 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.1	33.1

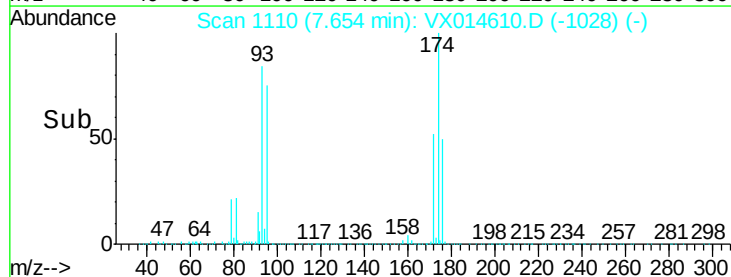
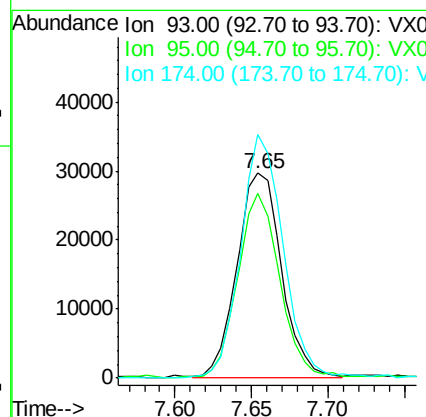
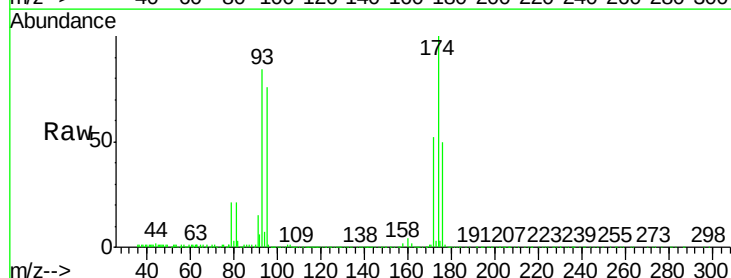
Manual Integrations
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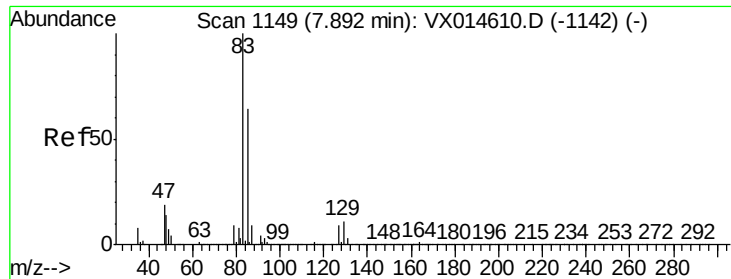
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#40
 Dibromomethane
 Concen: 19.308 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	0.0	164.4
174	113.8	0.0	228.8





#41

Bromodichloromethane

Concen: 19.215 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

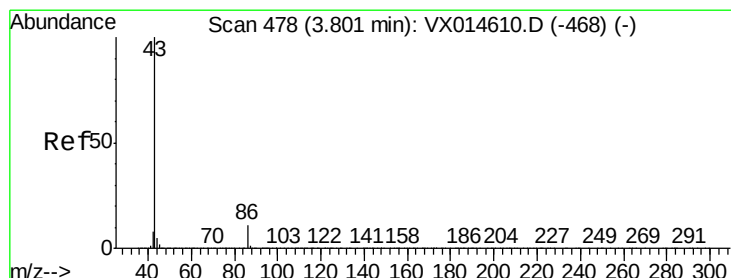
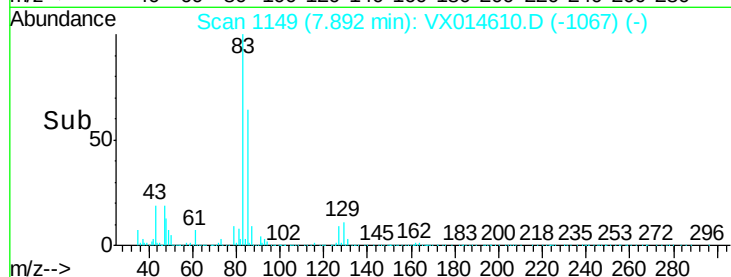
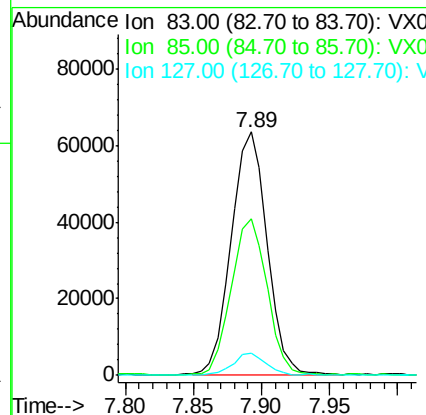
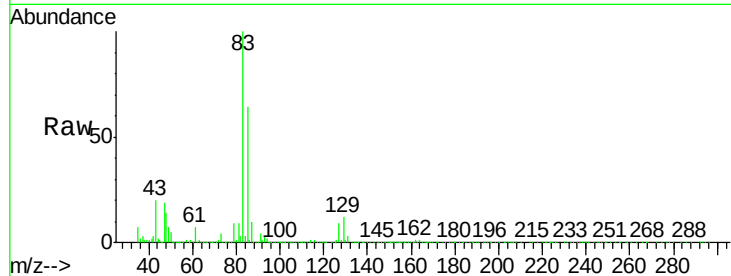
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	115793
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.6	77.4
127	9.0	6.0	9.0

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#42

Vinyl Acetate

Concen: 91.365 ug/l

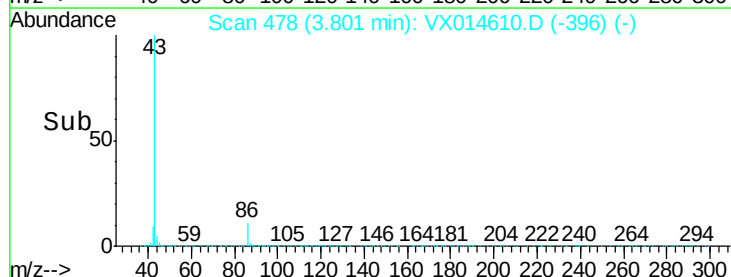
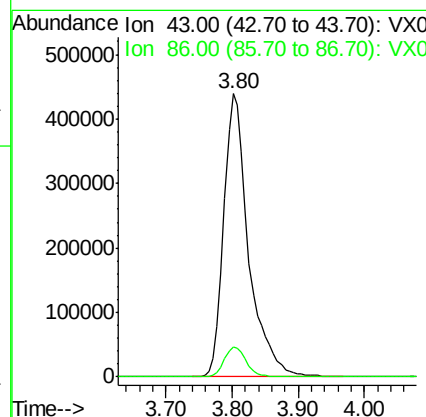
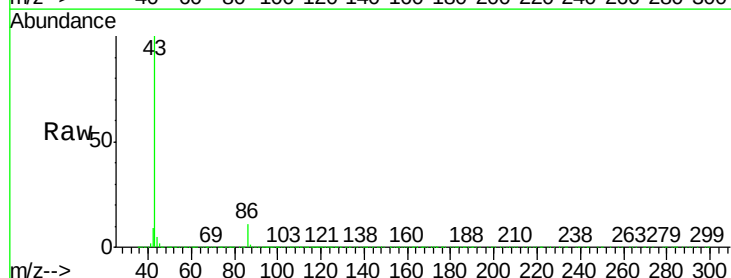
RT: 3.80 min Scan# 478

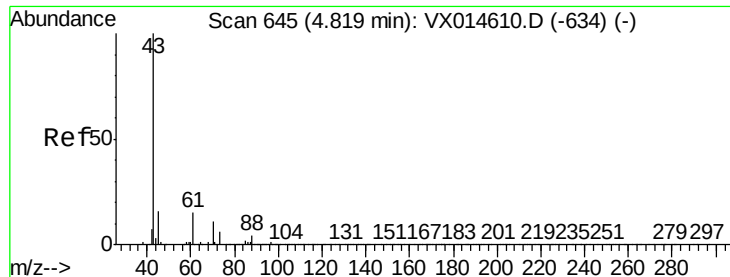
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	43	Resp:	1143778
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.7	11.5





#43

Ethyl Acetate

Concen: 20.360 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 138528

Ion Ratio Lower Upper

43 100

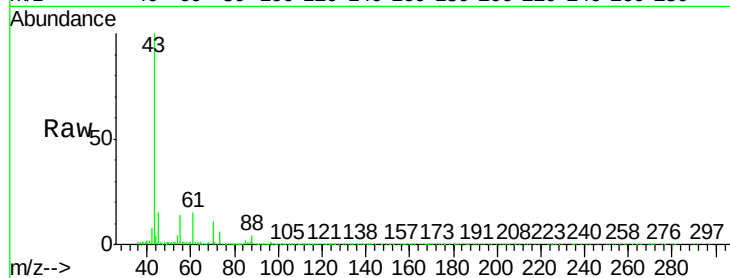
45 14.4 11.8 17.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

150000

100000

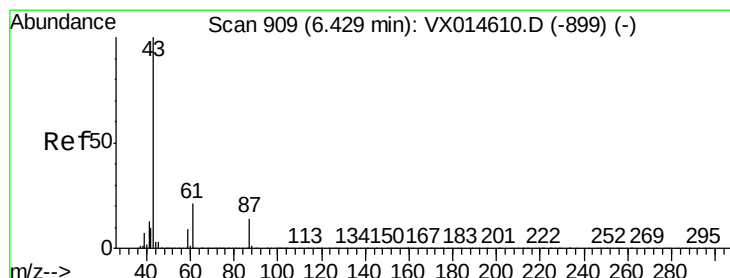
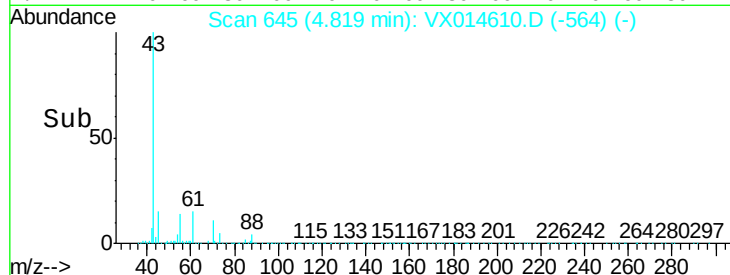
50000

0

4.70 4.80 4.90 5.00

4.82

Time-->



#44

Isopropyl Acetate

Concen: 18.936 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014610.D

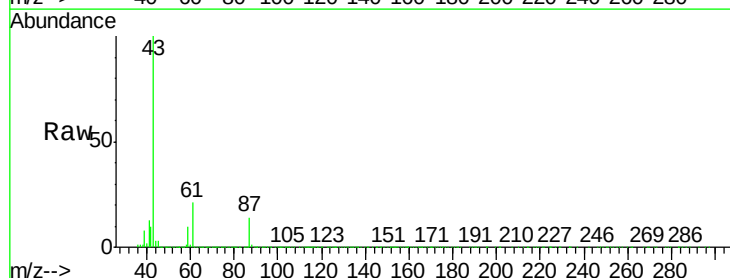
Acq: 15 Jan 2020 11:10

Tgt Ion: 43 Resp: 215787

Ion Ratio Lower Upper

43 100

61 19.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

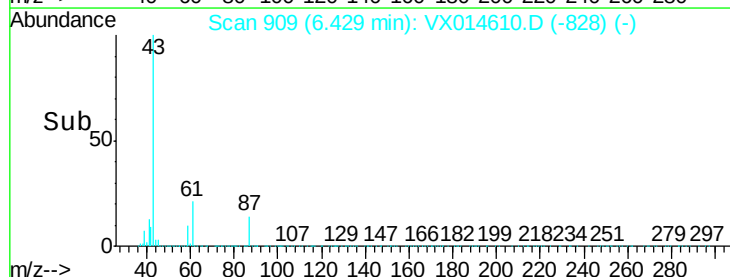
20000

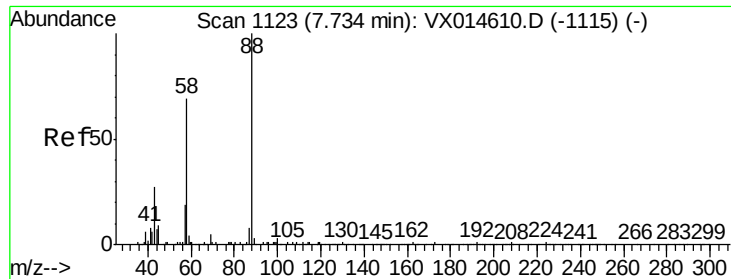
0

6.30 6.40 6.50

6.43

Time-->





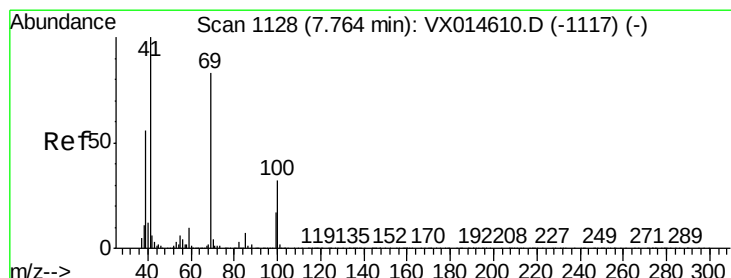
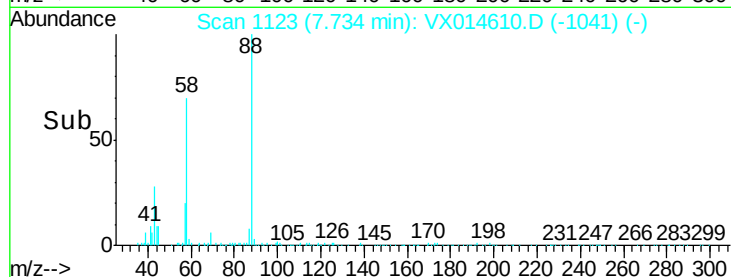
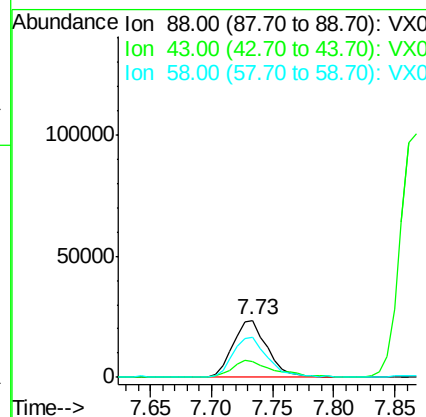
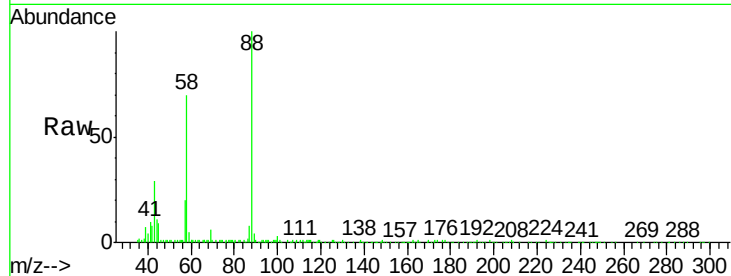
#45
1,4-Dioxane
Concen: 422.896 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	88	Resp:	45129
Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.4	38.2
58	69.6	56.5	84.7

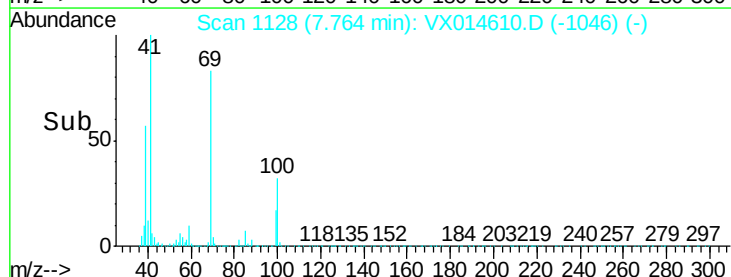
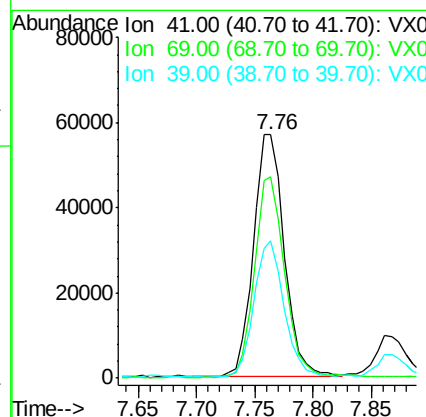
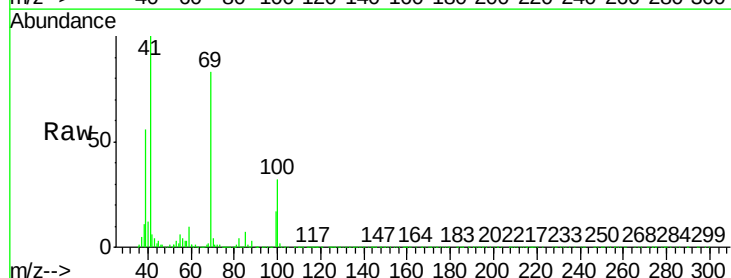
Manual Integrations
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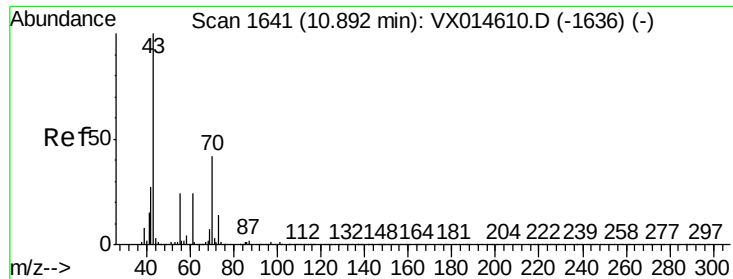
MMDadoda
1/16/2020 9:41:57 AM



#46
Methyl methacrylate
Concen: 19.125 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion:	41	Resp:	105859
Ion	Ratio	Lower	Upper
41	100		
69	82.9	40.6	122.0
39	55.8	27.8	83.3





#47

n-amvl Acetate

Concen: 16.854 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 170778

Ion Ratio Lower Upper

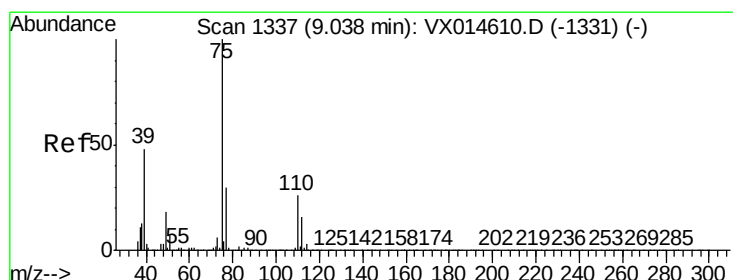
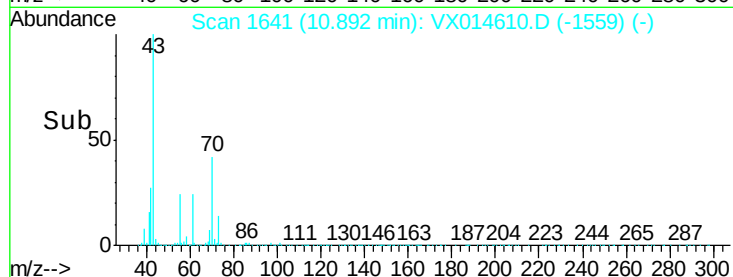
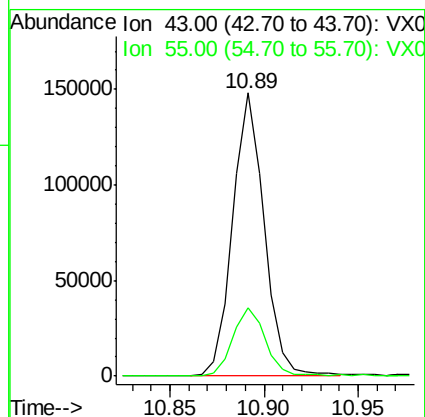
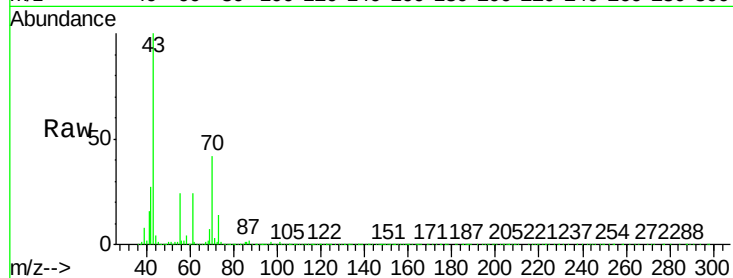
43 100

55 24.9 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 19.122 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014610.D

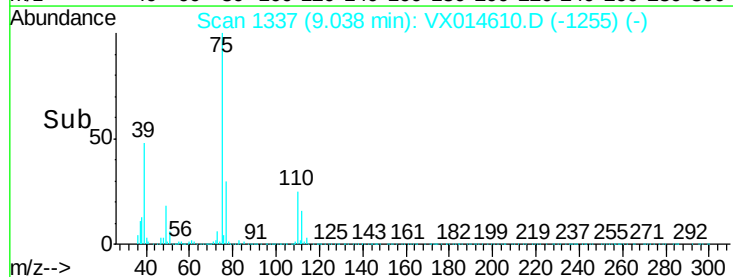
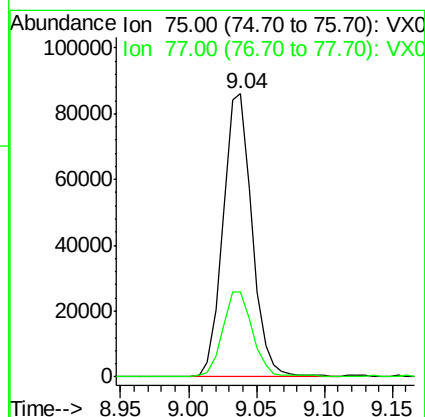
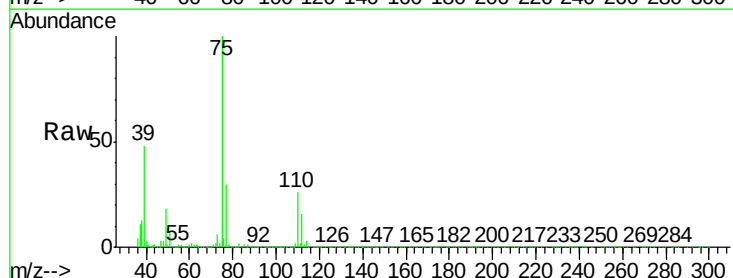
Acq: 15 Jan 2020 11:10

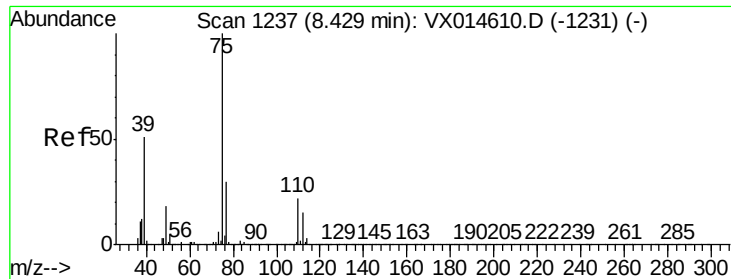
Tgt Ion: 75 Resp: 125773

Ion Ratio Lower Upper

75 100

77 30.0 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 19.295 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

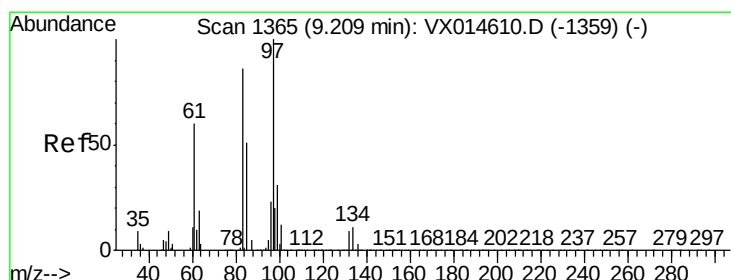
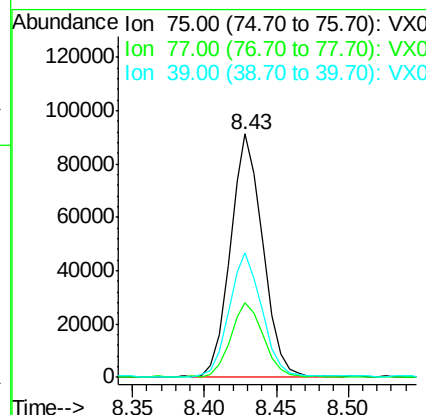
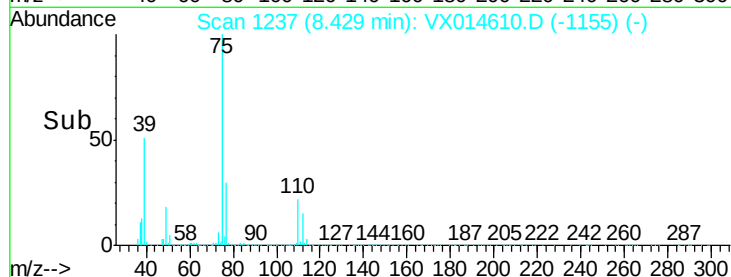
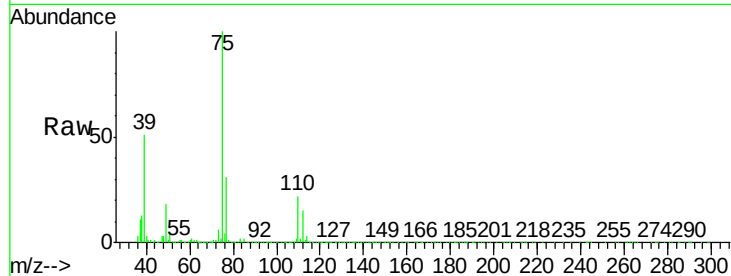
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	142721
Ion Ratio	Lower	Upper	
75	100		
77	30.5	24.8	37.2
39	51.0	41.1	61.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 19.489 ug/l

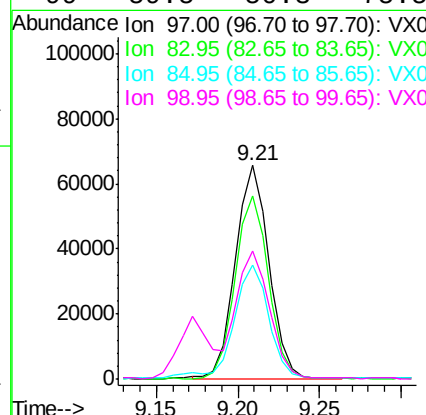
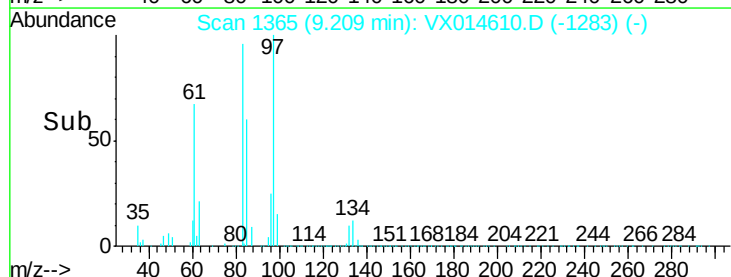
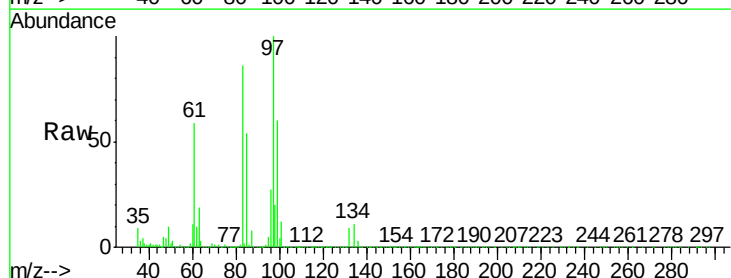
RT: 9.21 min Scan# 1365

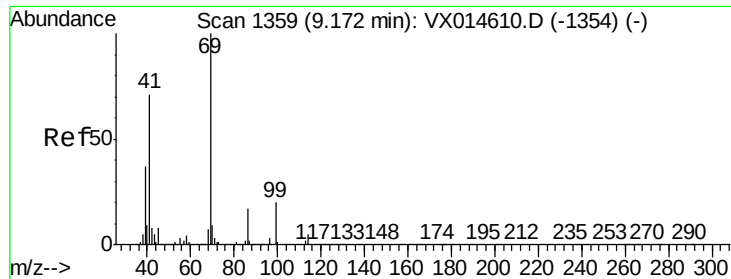
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	97	Resp:	93611
Ion Ratio	Lower	Upper	
97	100		
83	85.9	68.1	102.1
85	53.4	42.7	64.1
99	59.5	50.3	75.5





#51

Ethyl methacrylate

Concen: 17.859 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

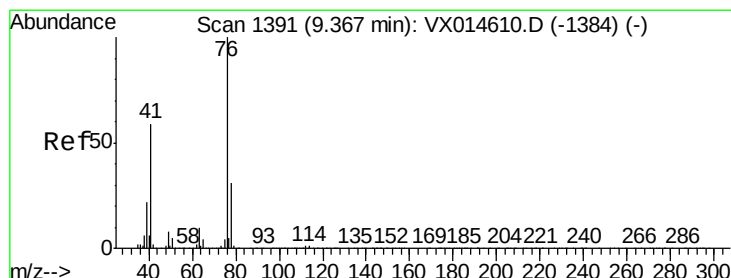
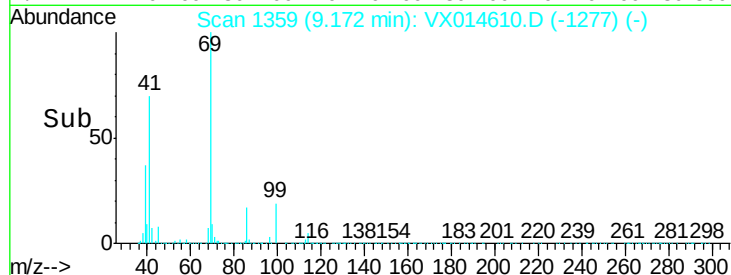
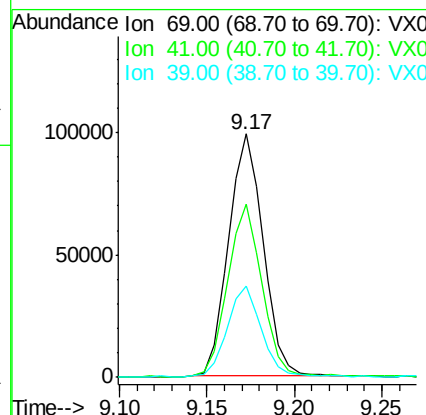
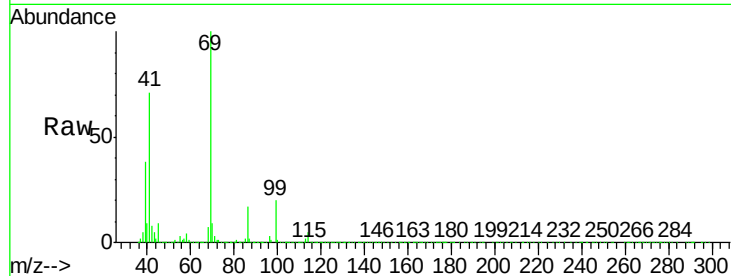
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	136442
Ion	Ratio	Lower	Upper
69	100		
41	71.2	35.4	106.1
39	37.5	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 19.144 ug/l

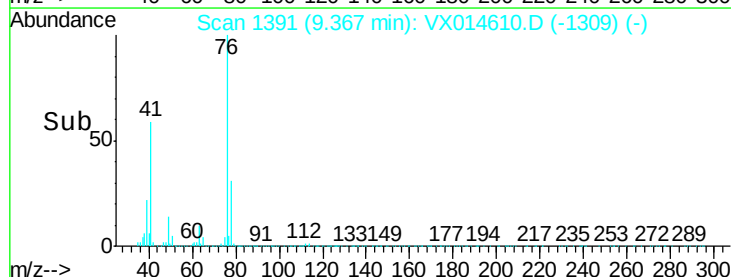
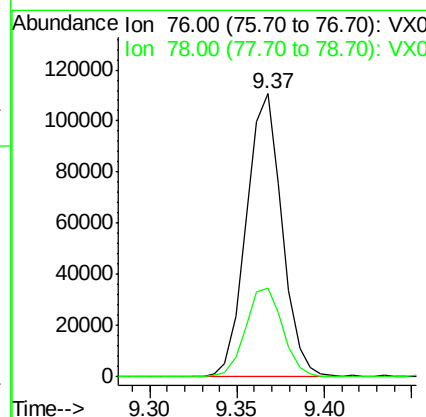
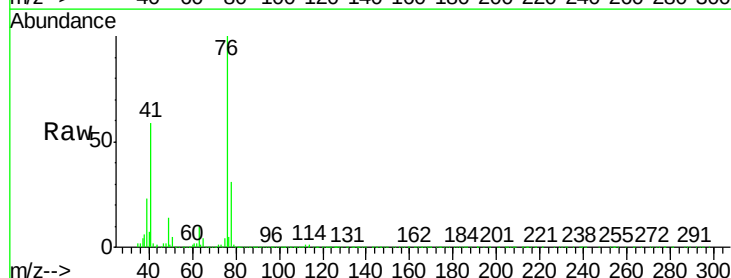
RT: 9.37 min Scan# 1391

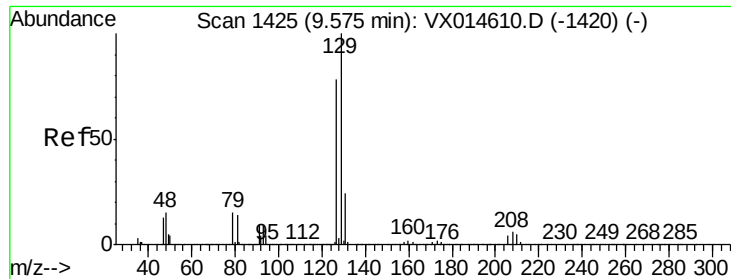
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	76	Resp:	156231
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.4





#53

Dibromochloromethane

Concen: 18.899 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 90770

Ion Ratio Lower Upper

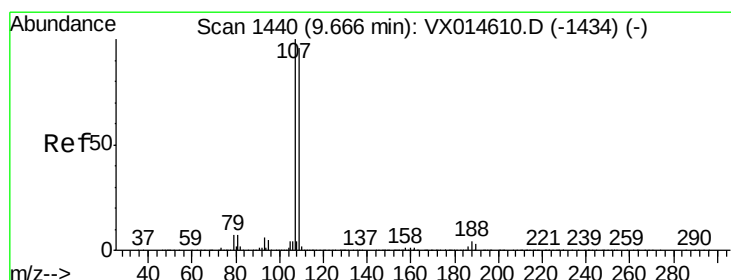
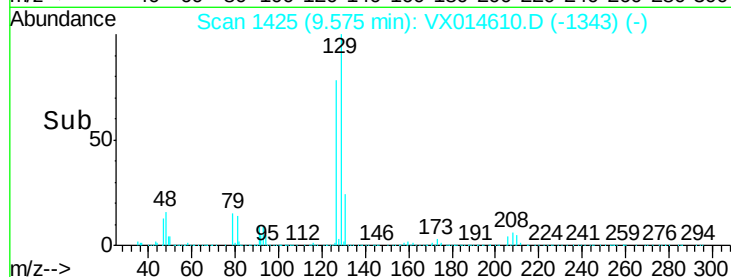
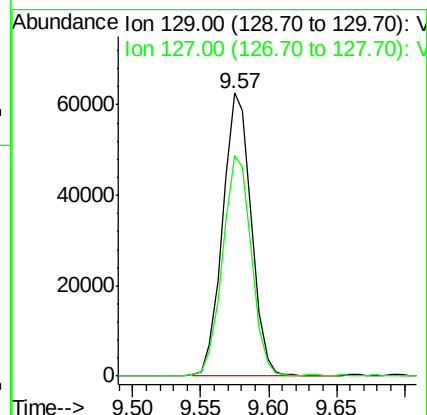
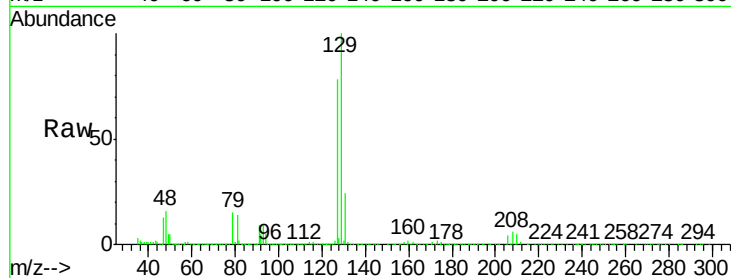
129 100

127 78.6 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 19.534 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014610.D

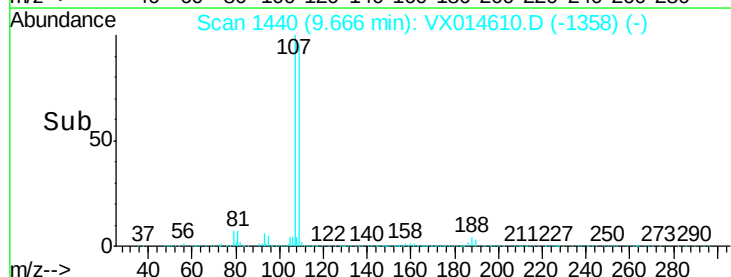
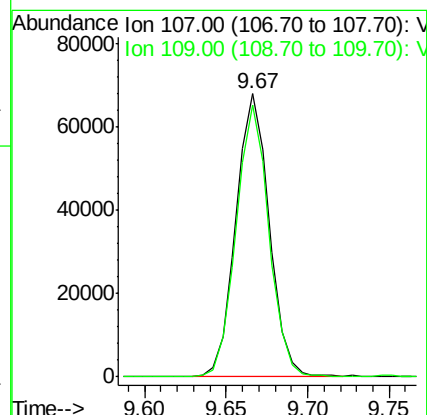
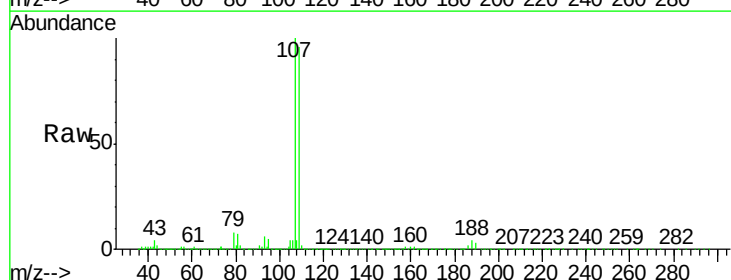
Acq: 15 Jan 2020 11:10

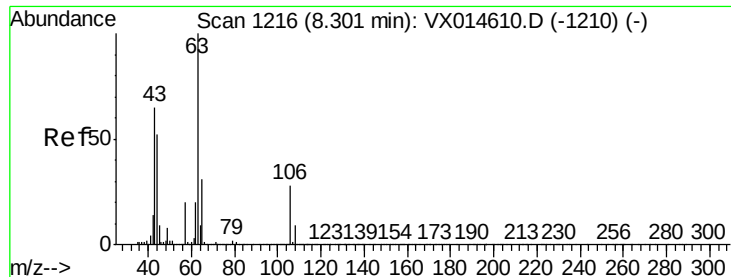
Tgt Ion:107 Resp: 96605

Ion Ratio Lower Upper

107 100

109 93.3 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 96.418 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

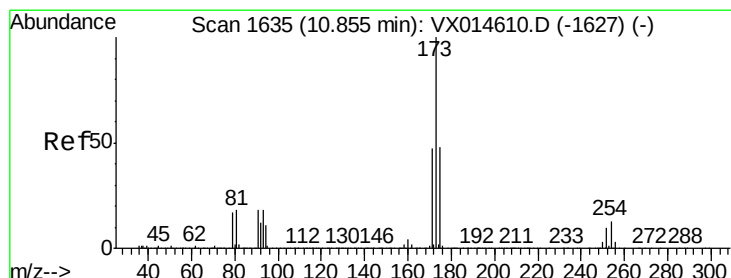
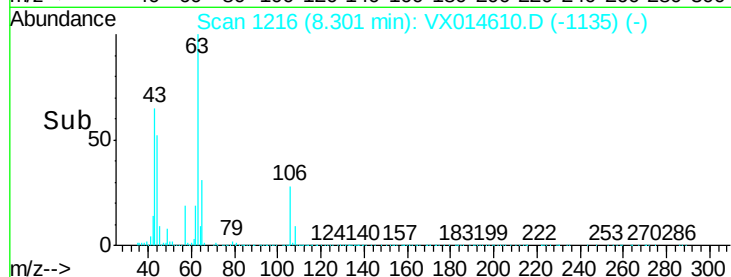
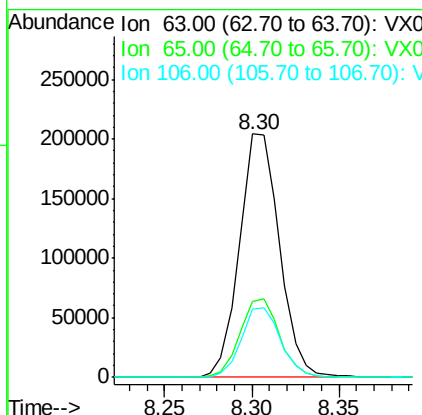
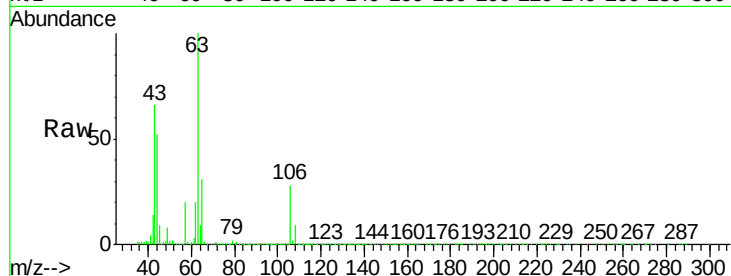
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	28.6	22.9	34.3

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#56

Bromoform

Concen: 18.637 ug/l

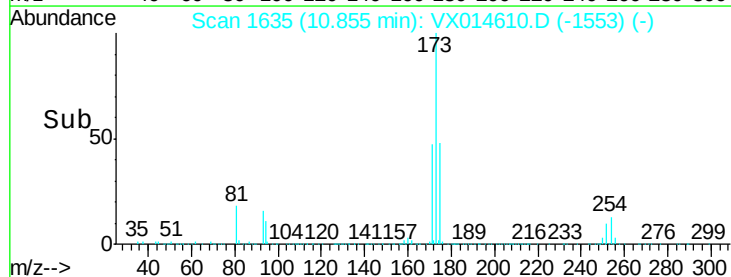
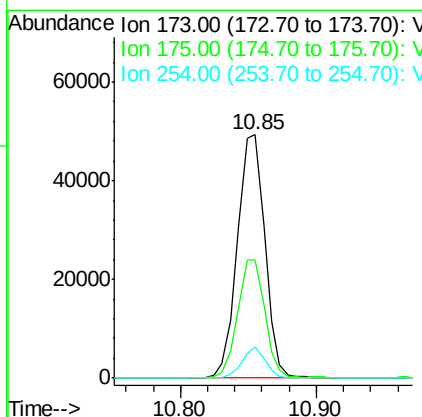
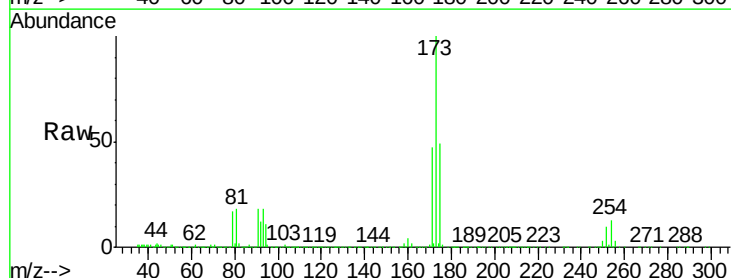
RT: 10.85 min Scan# 1635

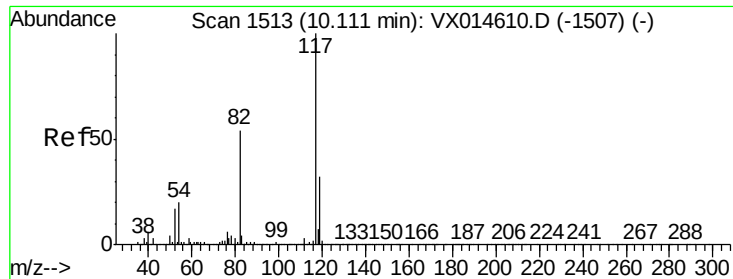
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.5	59.3
254	10.9	8.2	12.4





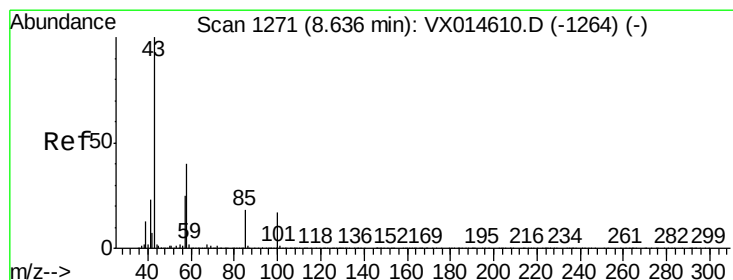
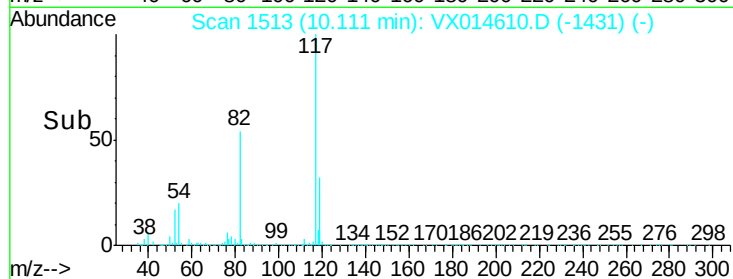
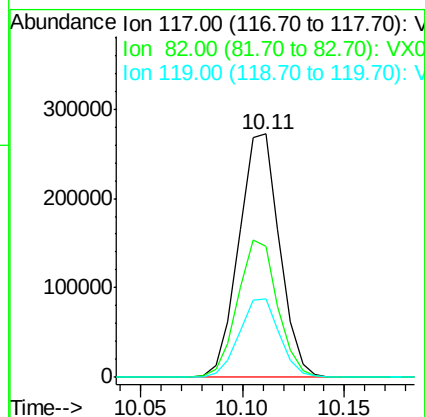
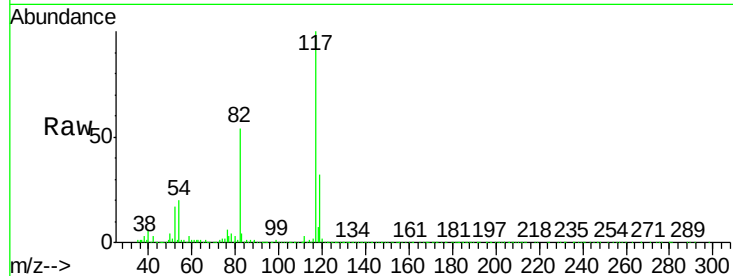
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.6
119	32.0	25.8	38.6

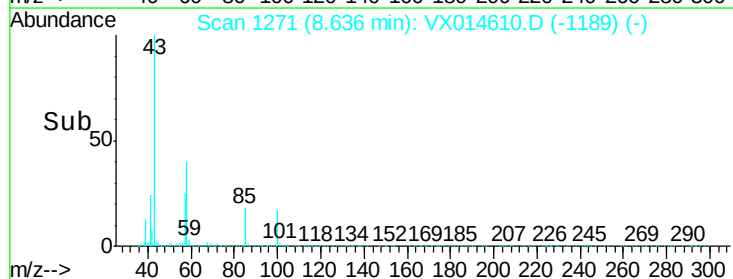
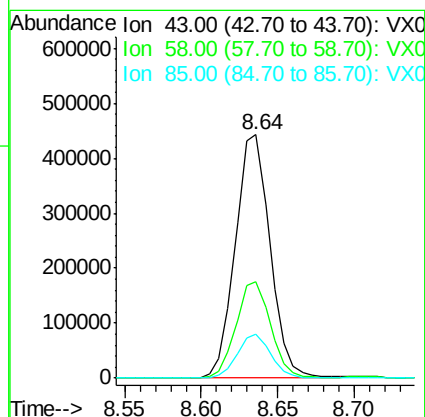
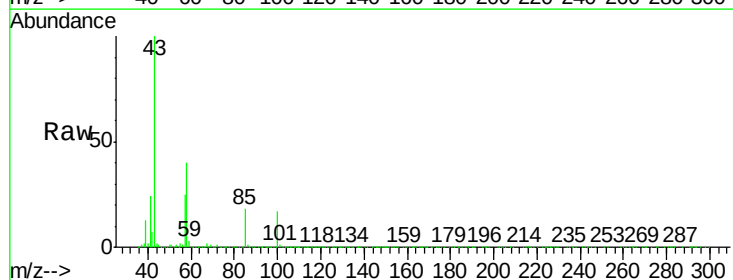
Manual Integrations
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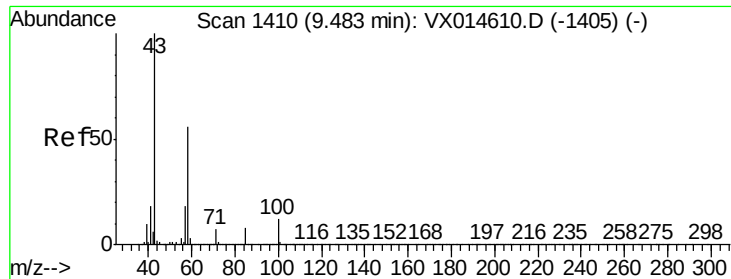
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#58
4-Methyl-2-Pentanone
Concen: 99.339 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.2	46.8
85	17.3	14.2	21.2





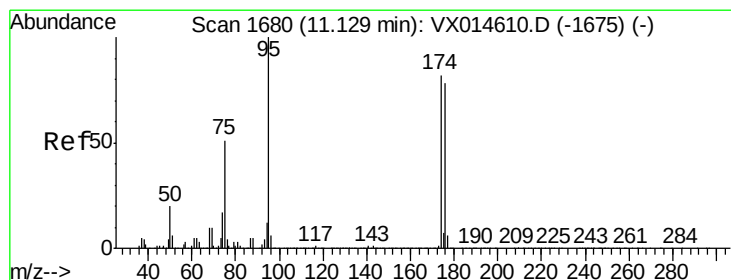
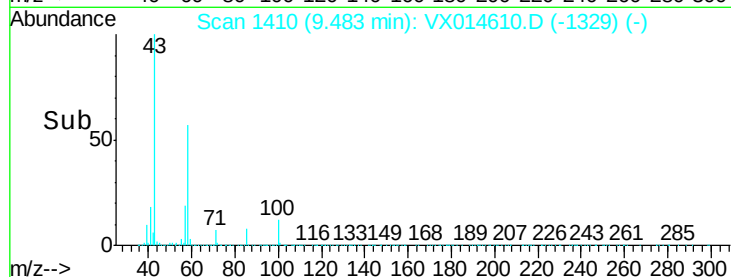
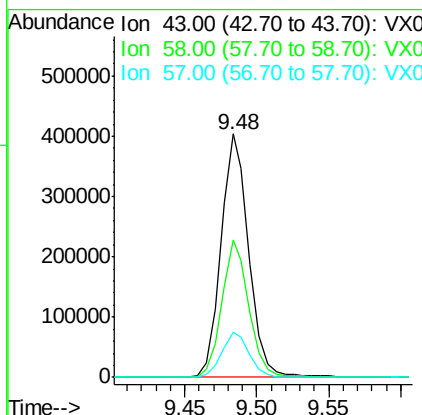
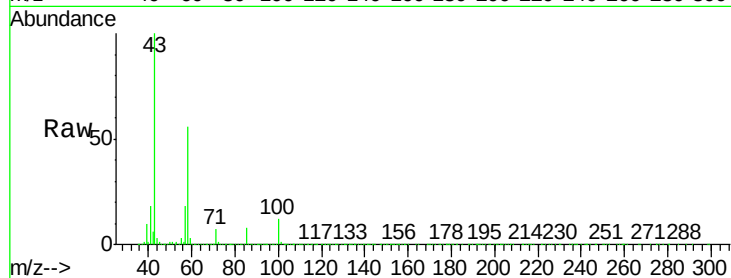
#59
2-Hexanone
Concen: 101.695 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.8	65.6
57	18.4	15.4	23.0

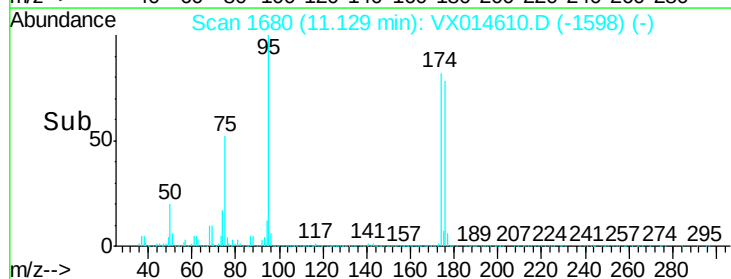
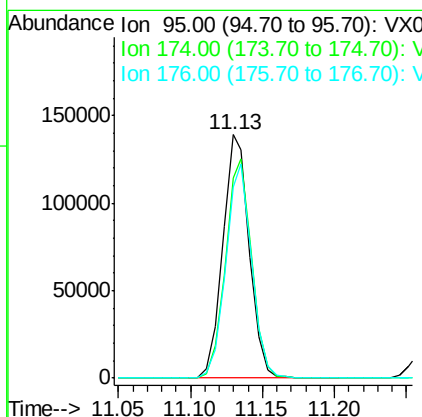
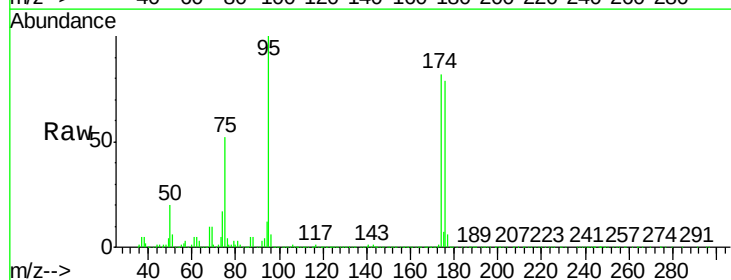
Manual Integrations
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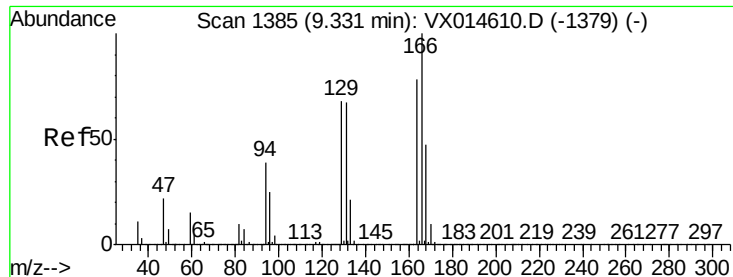
MMDadoda
1/16/2020 9:41:57 AM



#60
4-Bromofluorobenzene
Concen: 29.597 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	70.2	105.2
176	85.8	68.3	102.5





#61

Tetrachloroethene

Concen: 21.937 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

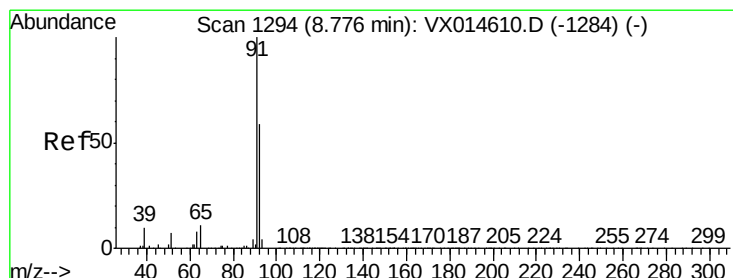
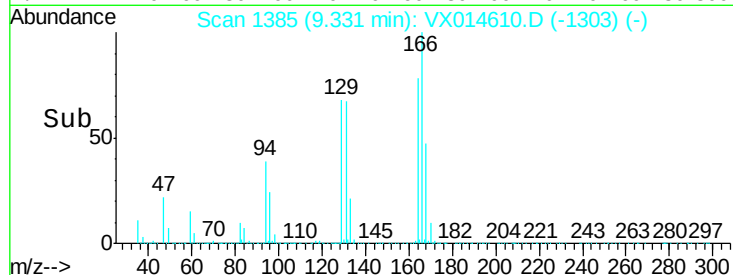
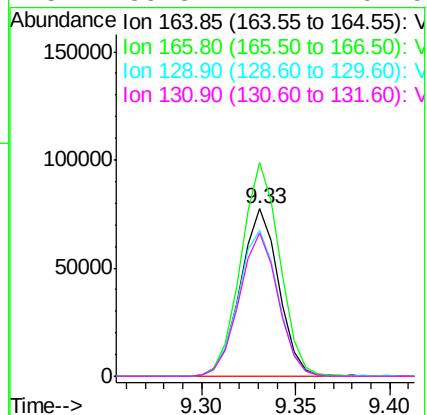
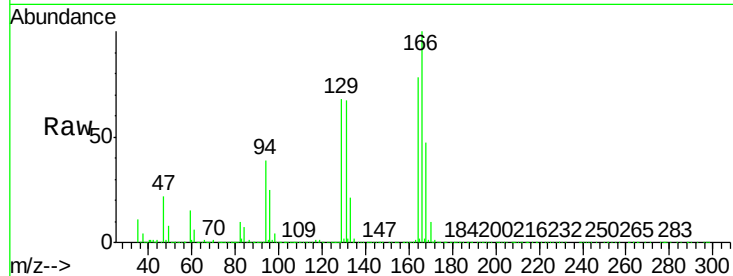
ClientSampleId :

VSTDICCC020

Tot Ion:	164	Resp:	108868
Ion Ratio	Lower	Upper	
164	100		
166	127.7	104.2	156.2
129	86.9	71.6	107.4
131	85.8	71.7	107.5

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#62

Toluene

Concen: 19.464 ug/l

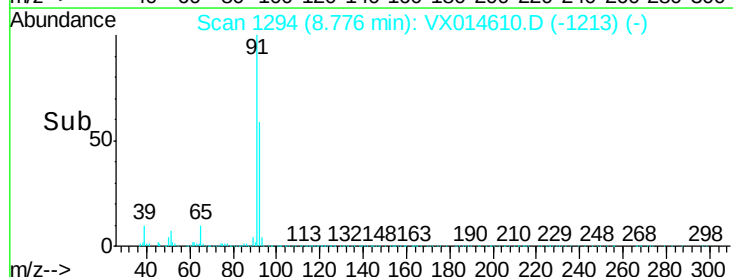
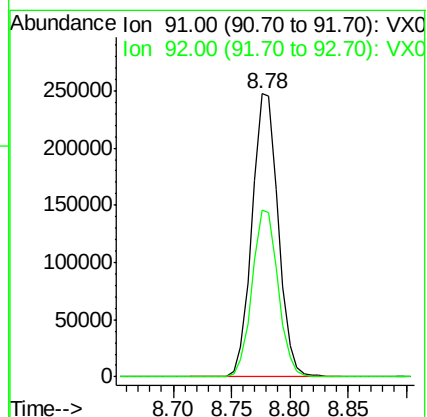
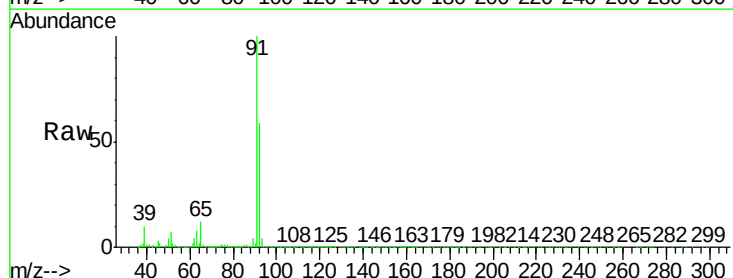
RT: 8.78 min Scan# 1294

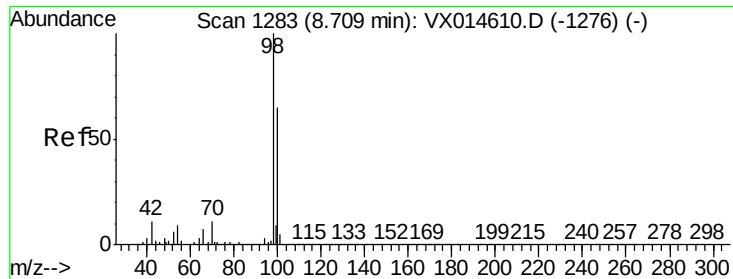
Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	91	Resp:	388340
Ion Ratio	Lower	Upper	
91	100		
92	58.7	46.4	69.6





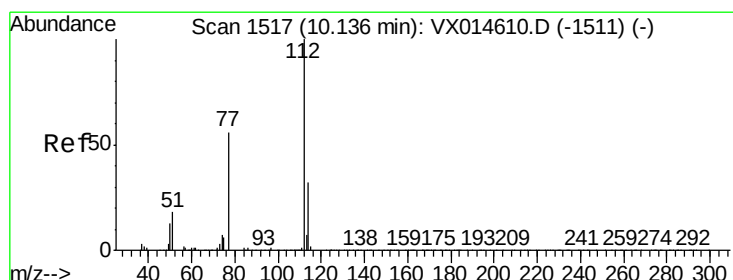
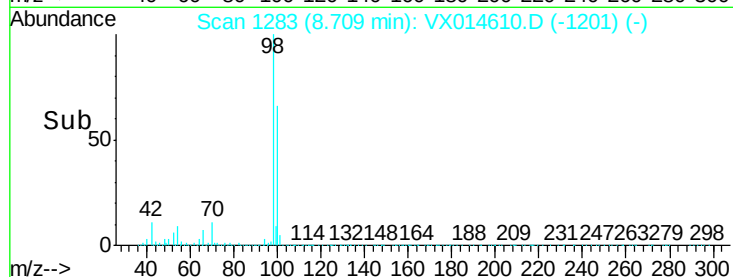
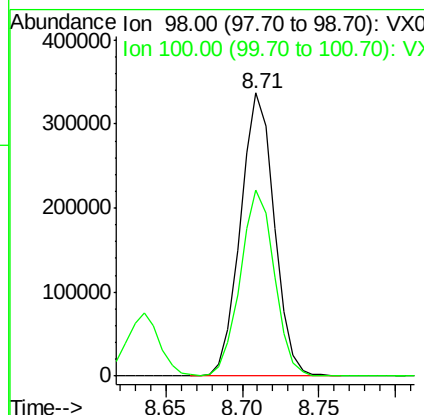
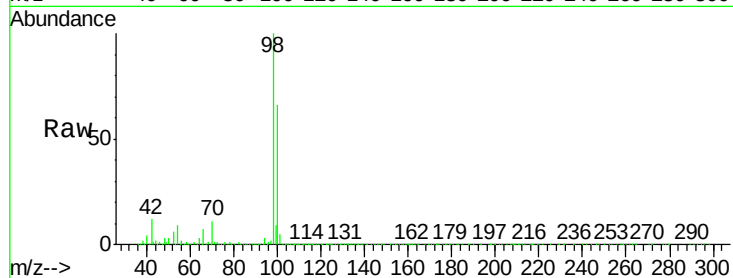
#63
Toluene-d8
Concen: 30.766 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2

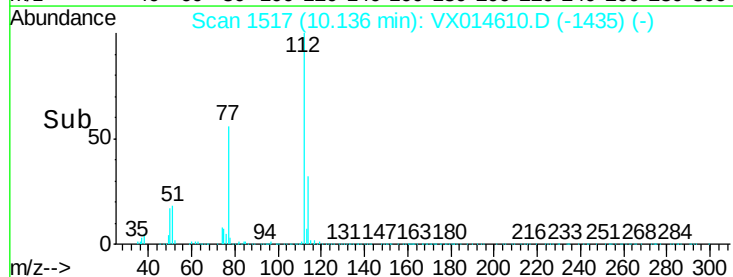
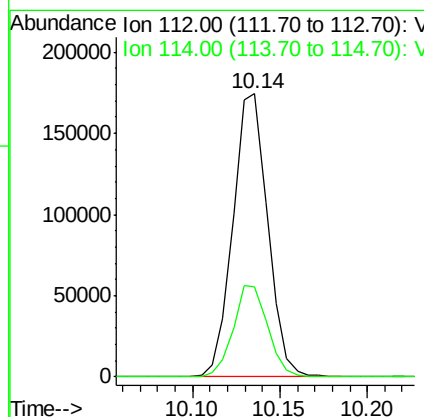
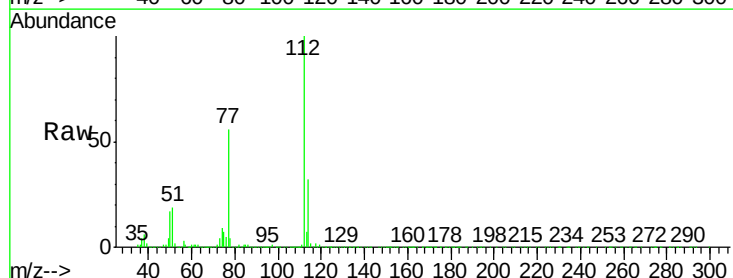
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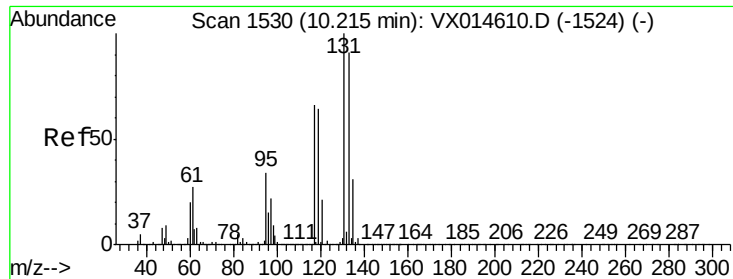
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#64
Chlorobenzene
Concen: 19.308 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.4	36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.265 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

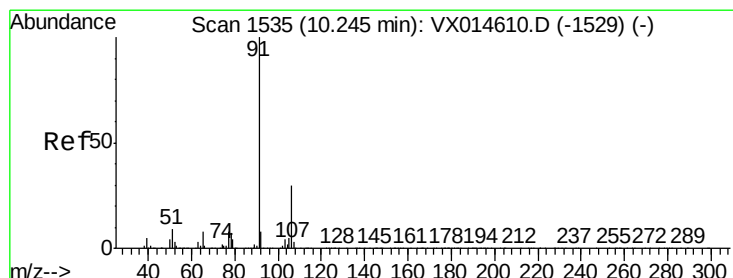
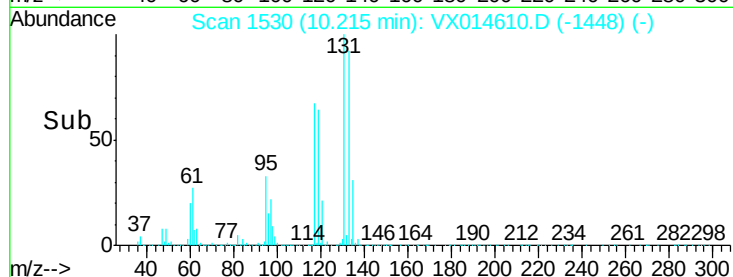
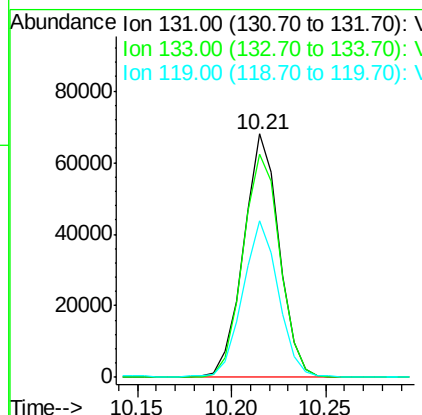
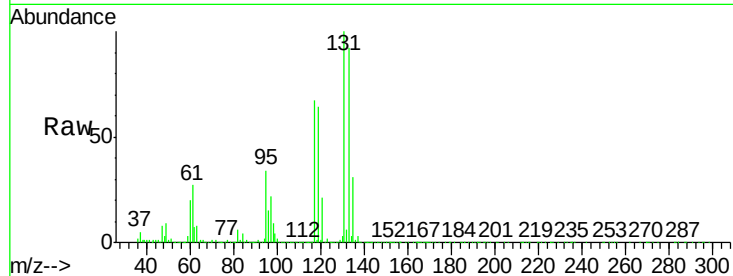
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	89169
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	189.8
119	64.2	0.0	132.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.088 ug/l

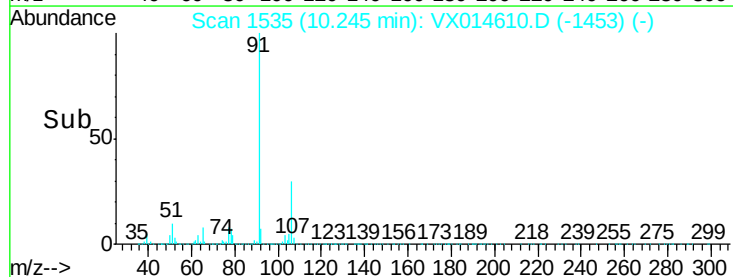
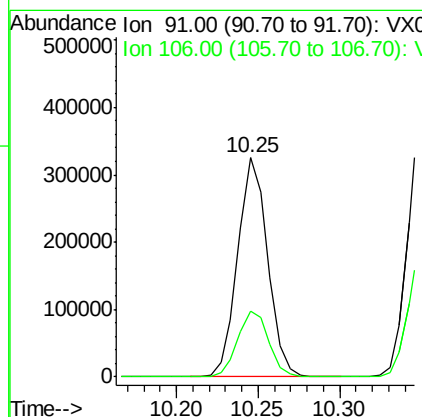
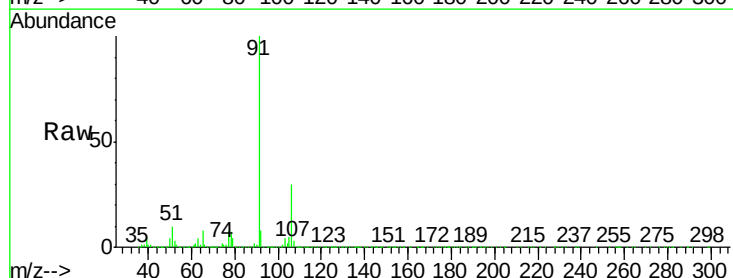
RT: 10.25 min Scan# 1535

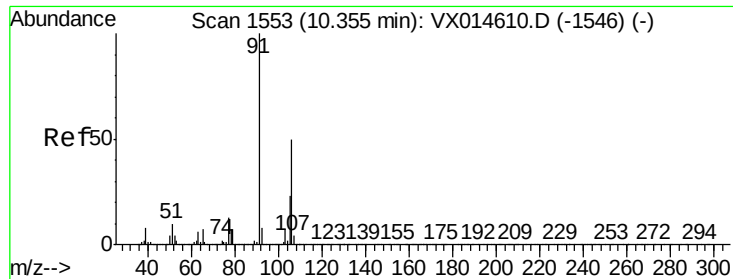
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	91	Resp:	416772
Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.2





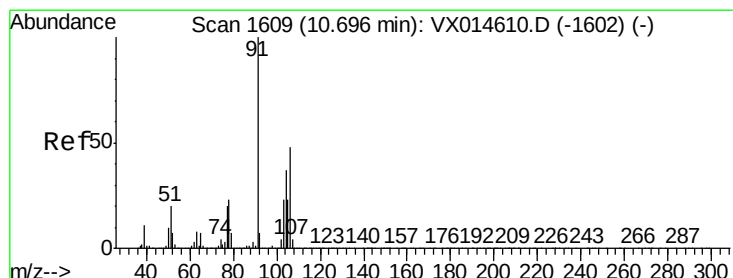
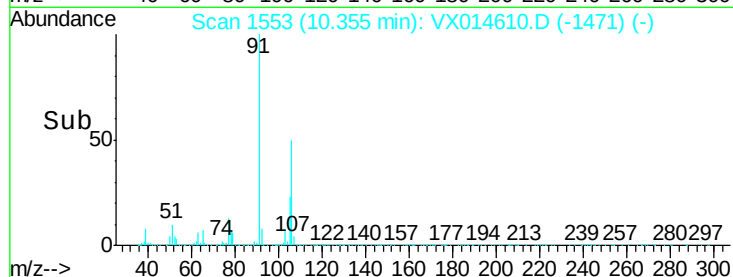
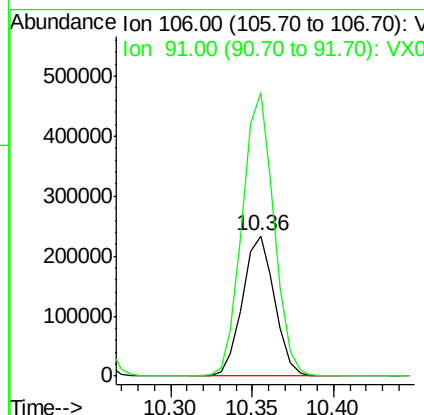
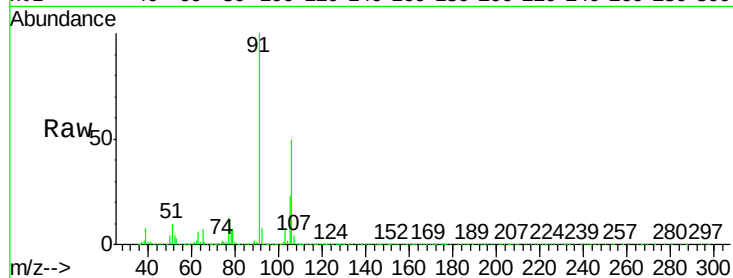
#67
m/p-Xylenes
Concen: 38.457 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	199.4	159.3	238.9	

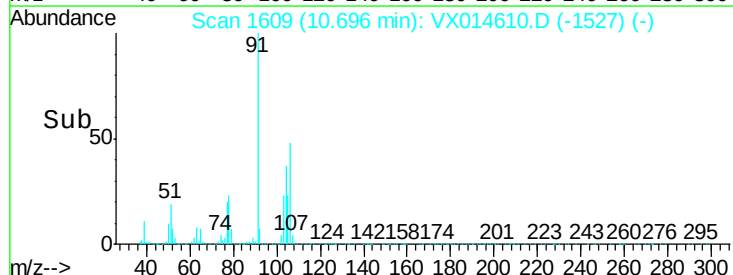
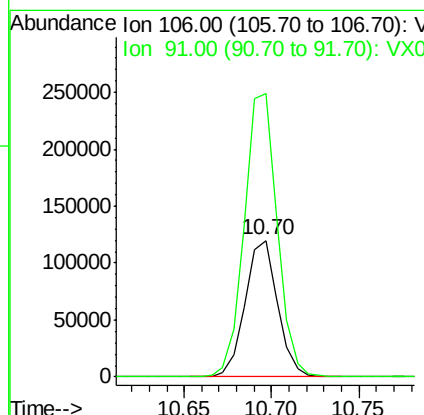
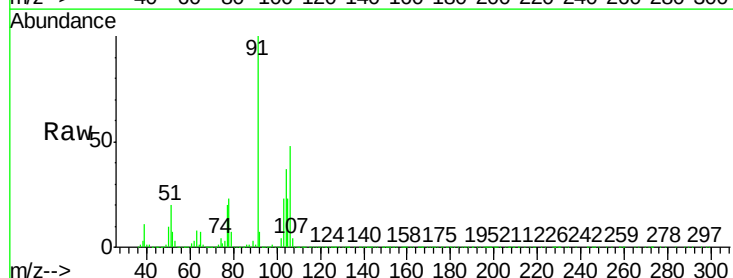
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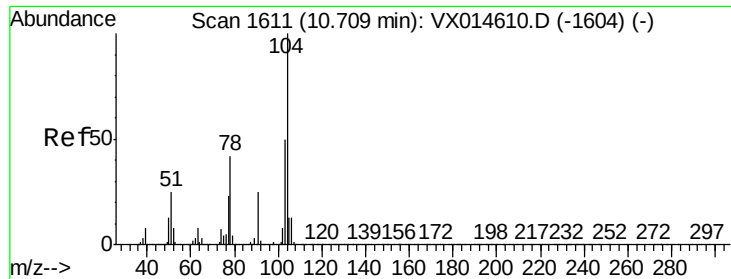
MMDadoda
1/16/2020 9:41:57 AM



#68
o-Xylene
Concen: 18.743 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	209.5	104.8	314.6	





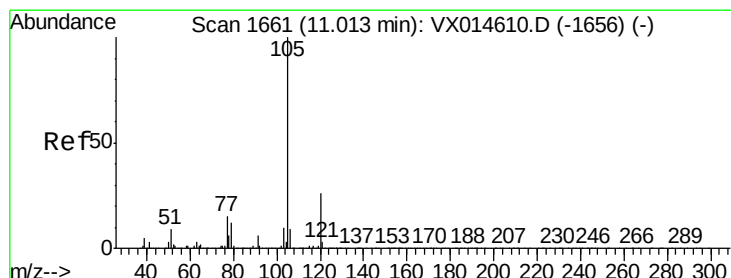
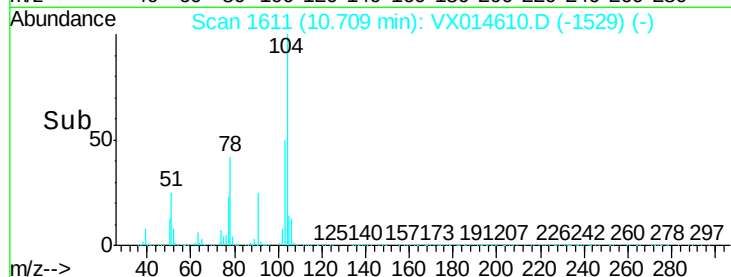
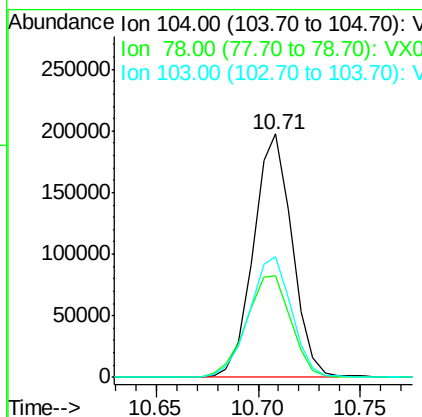
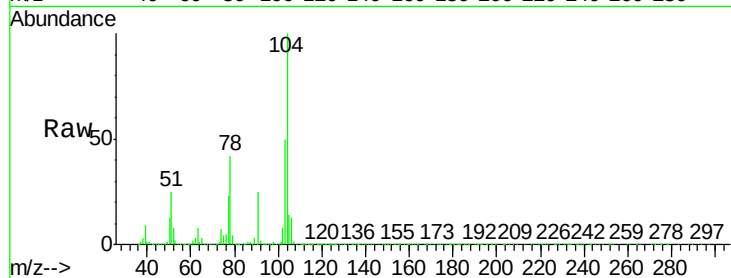
#69
Stvrene
Concen: 18.486 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.9	58.3
103	54.4	44.2	66.2

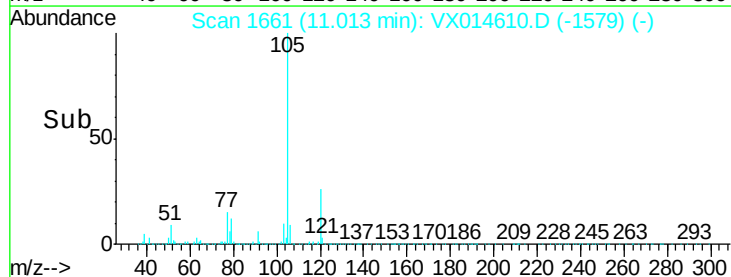
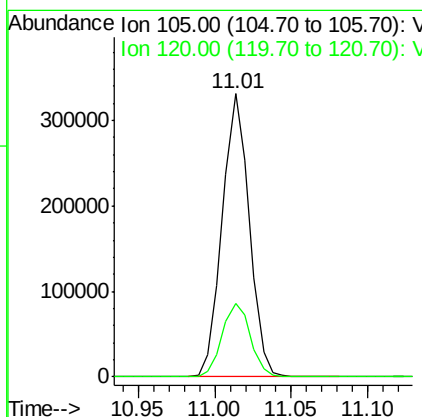
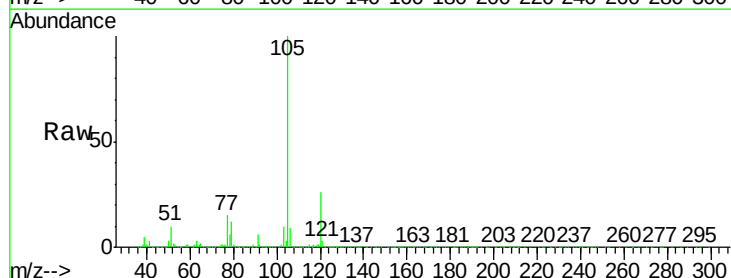
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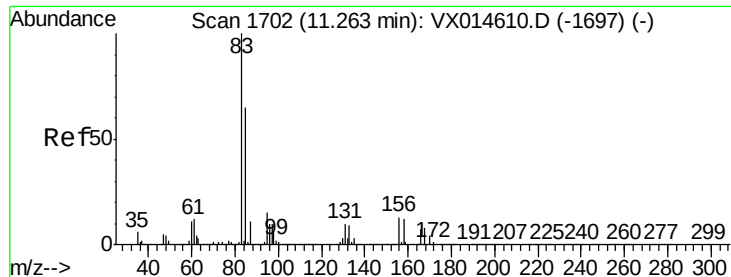
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#70
Isopropylbenzene
Concen: 18.977 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 18.282 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

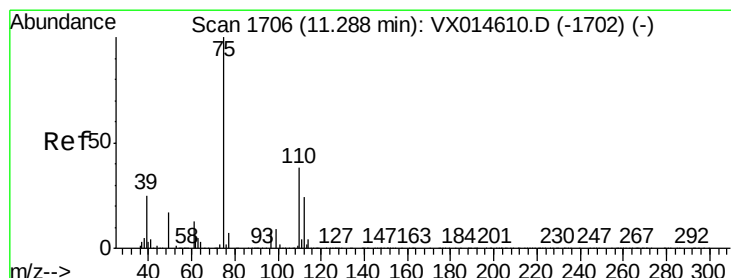
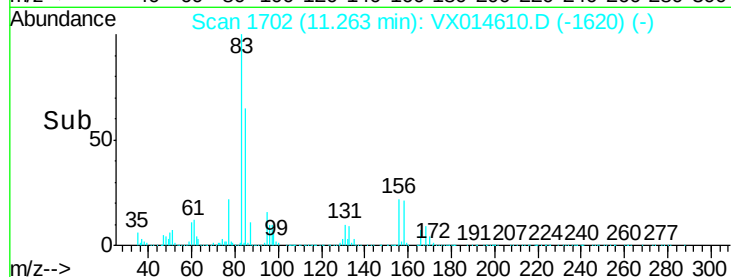
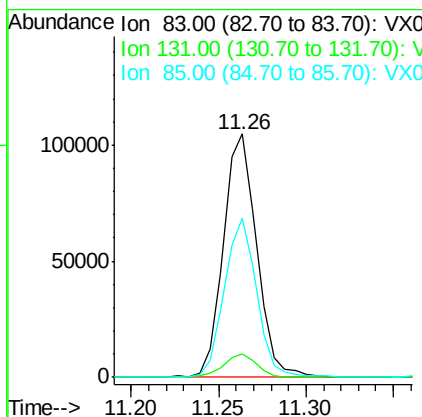
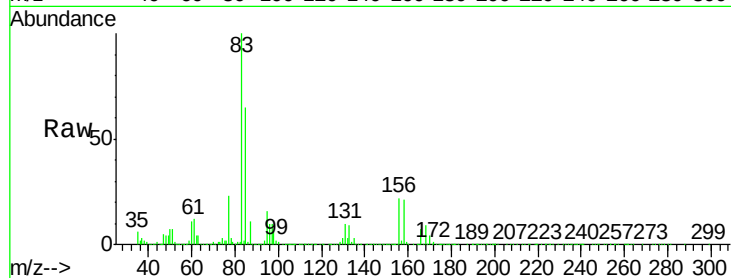
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	138530
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	63.4	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 17.456 ug/l m

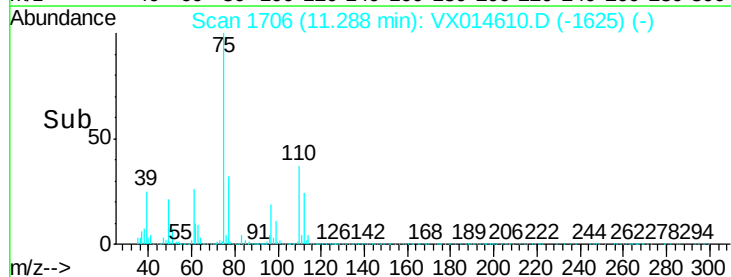
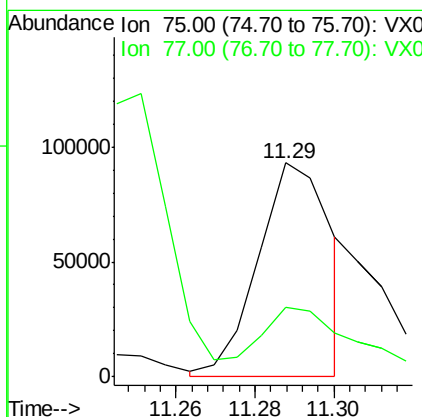
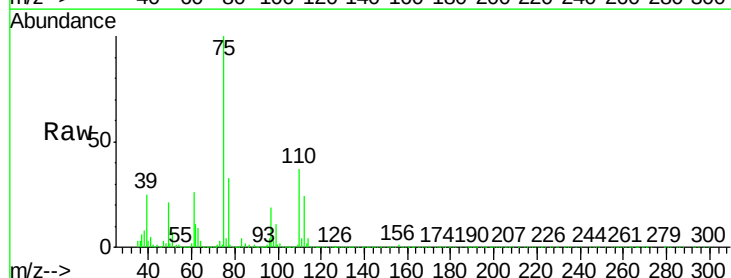
RT: 11.29 min Scan# 1706

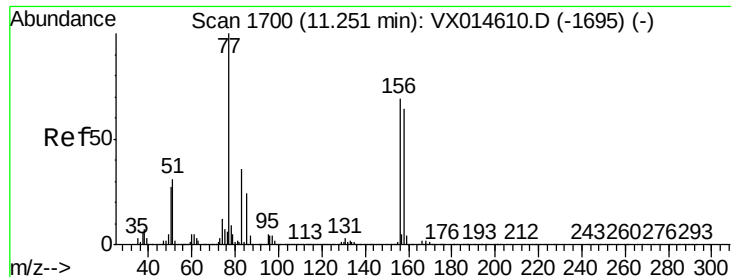
Delta R.T. -0.01 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	75	Resp:	117737
Ion Ratio	Lower	Upper	
75	100		
77	41.8	0.0	68.4





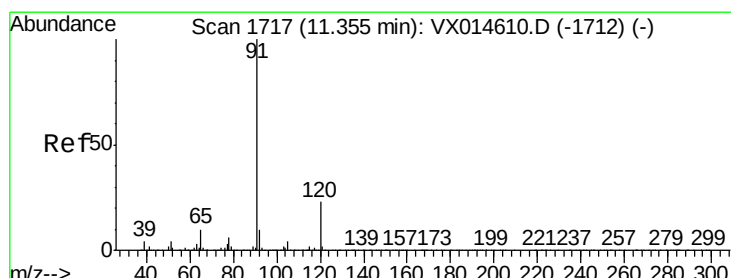
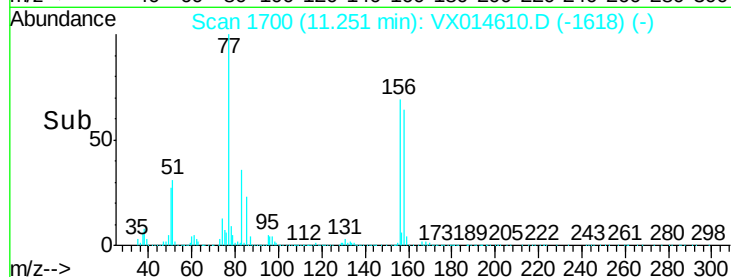
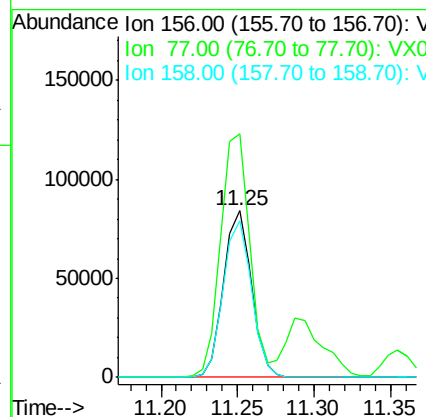
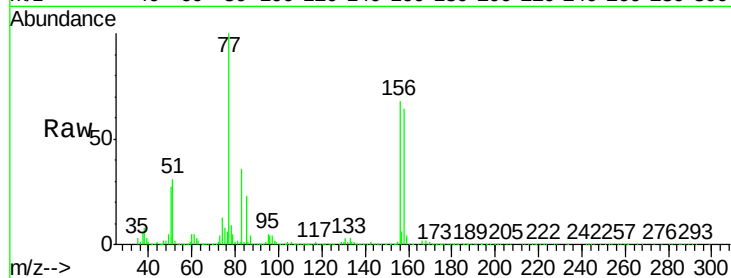
#73
Bromobenzene
Concen: 18.834 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
156	100	107429		
77	151.4	0.0	304.6	
158	95.5	0.0	195.2	

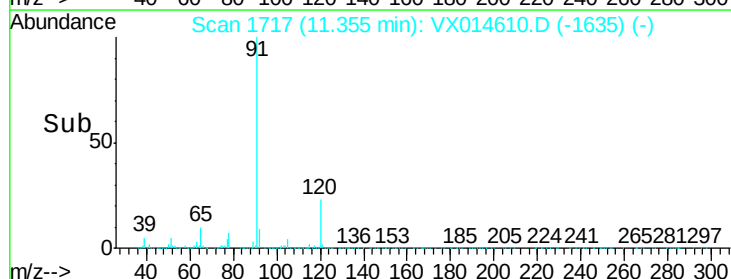
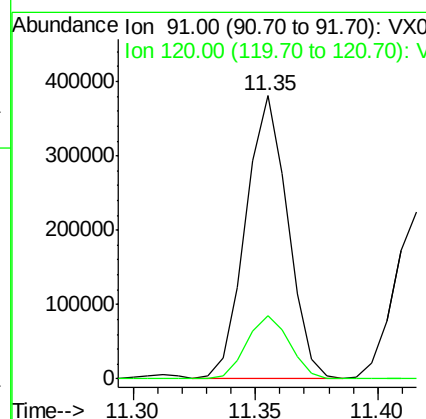
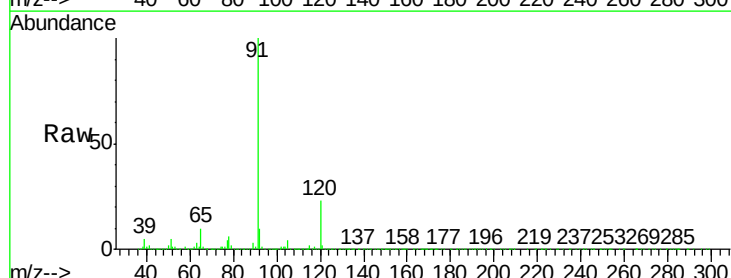
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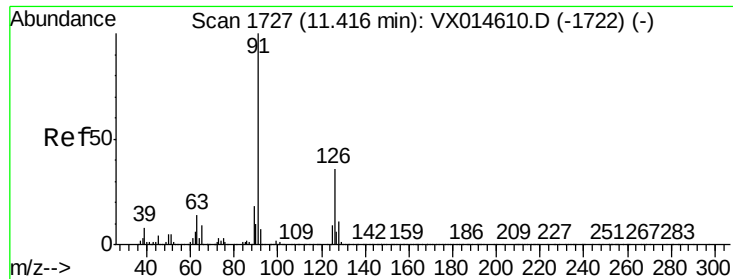
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1/16/2020 9:41:57 AM



#74
n-propylbenzene
Concen: 18.867 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	457262		
120	22.8	0.0	44.8	





#75

2-Chlorotoluene

Concen: 18.863 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 276225

Ion Ratio Lower Upper

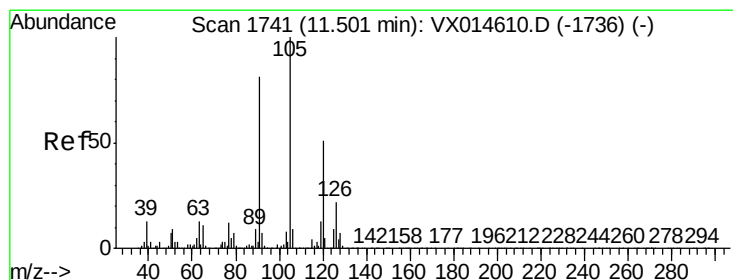
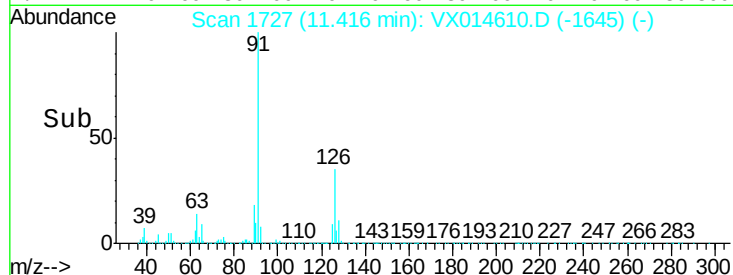
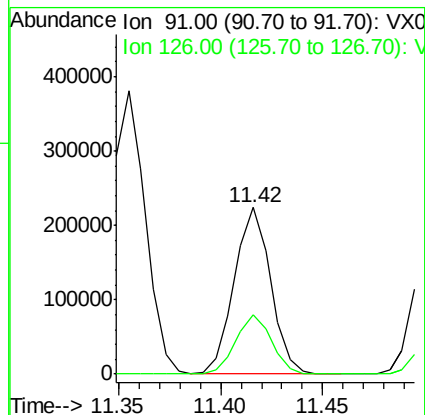
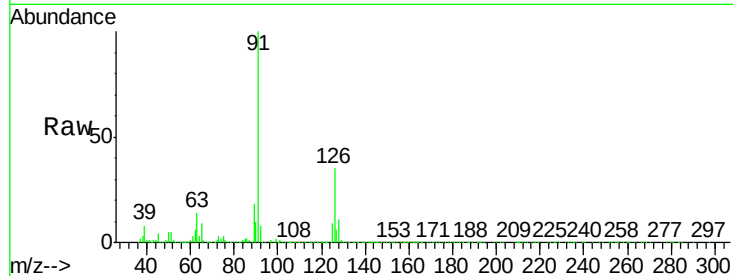
91 100

126 35.1 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.613 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014610.D

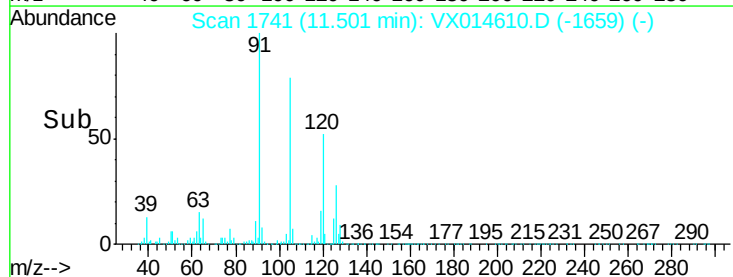
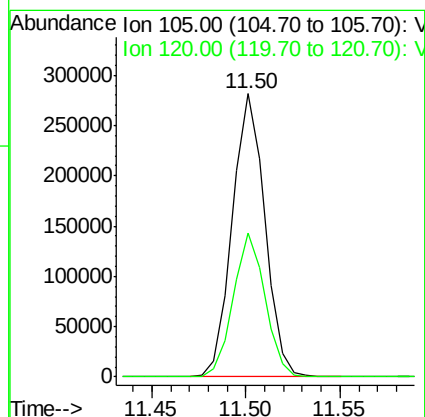
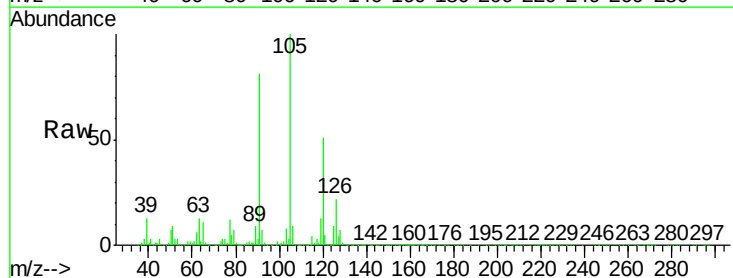
Acq: 15 Jan 2020 11:10

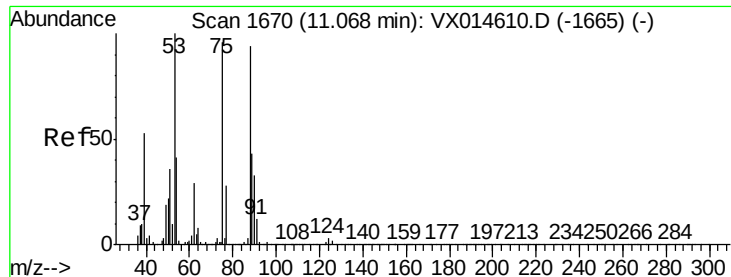
Tgt Ion: 105 Resp: 337380

Ion Ratio Lower Upper

105 100

120 49.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.716 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

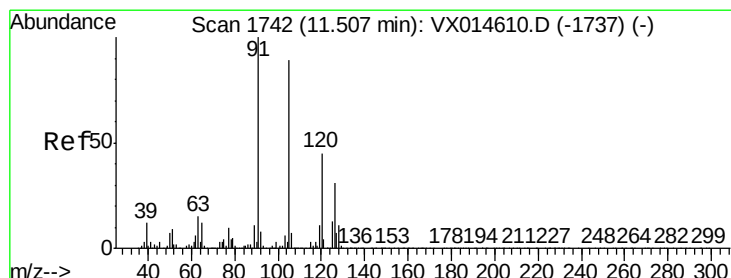
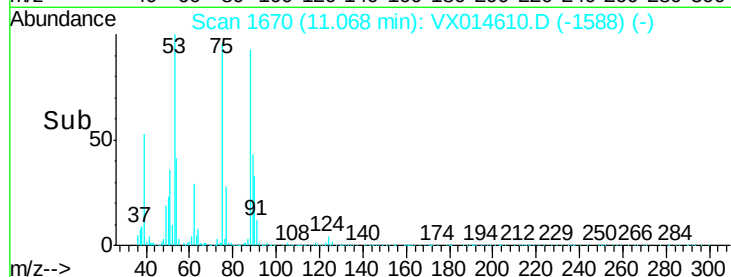
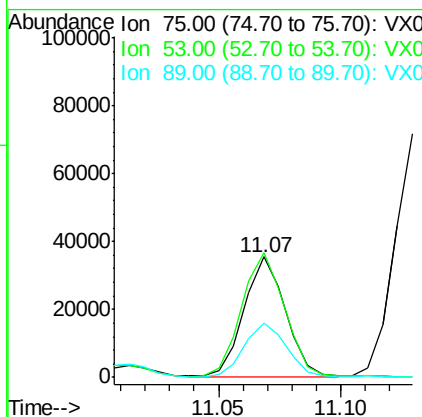
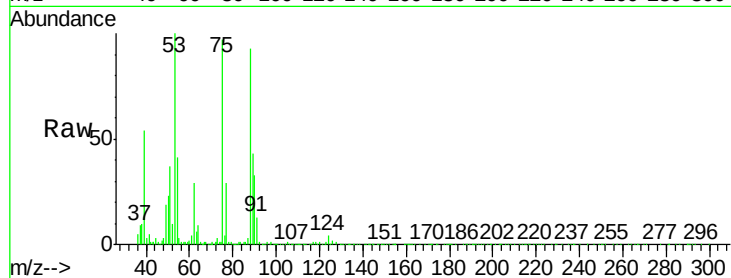
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	41687
Ion	Ratio	Lower	Upper
75	100		
53	103.8	54.4	163.1
89	44.5	21.9	65.5

Manual Integrations
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1/16/2020 9:41:57 AM



#78

4-Chlorotoluene

Concen: 18.656 ug/l

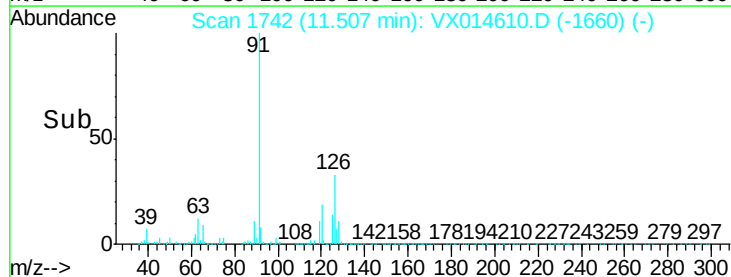
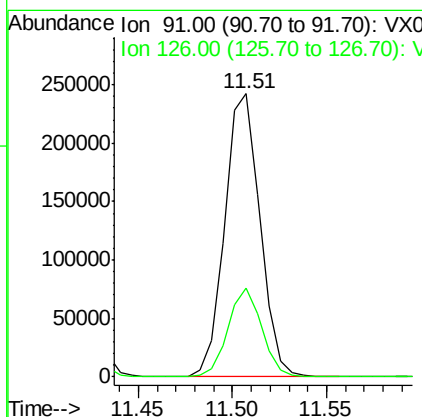
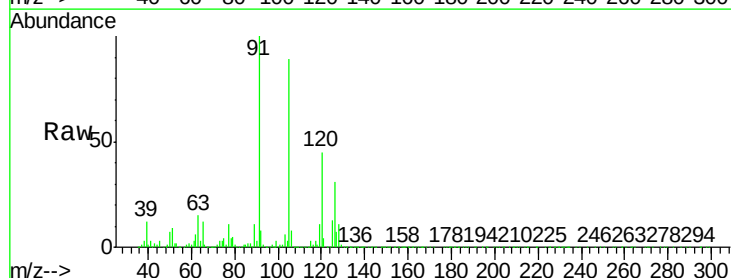
RT: 11.51 min Scan# 1742

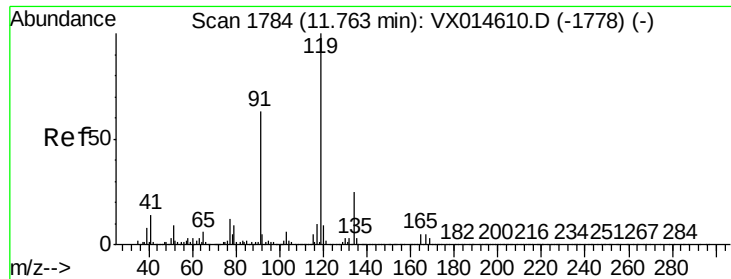
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	91	Resp:	312175
Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	59.6





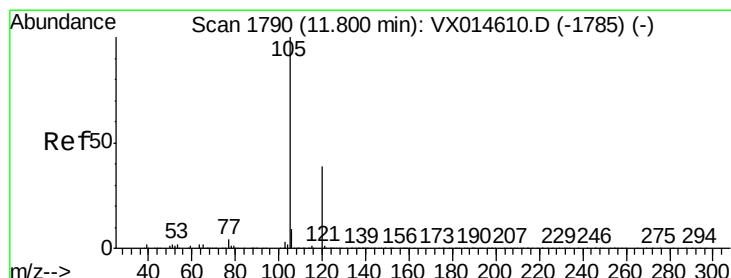
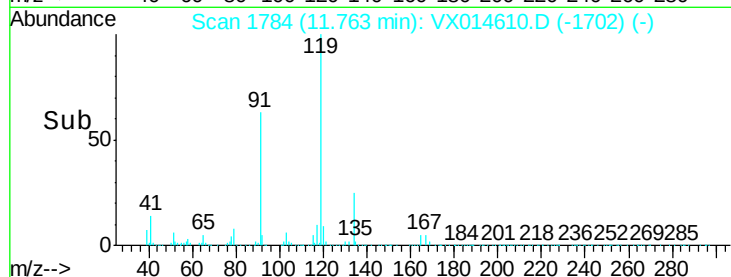
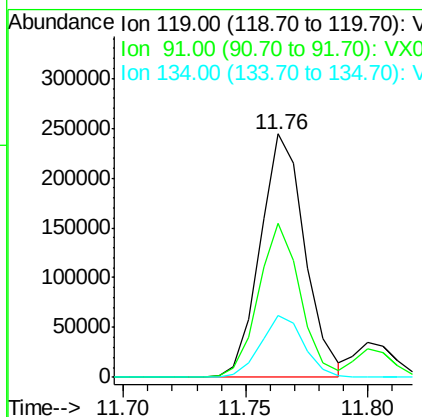
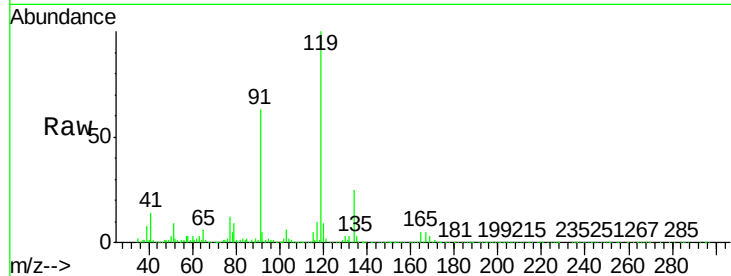
#79
tert-butylbenzene
Concen: 17.849 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	311849		
91	59.0		0.0	112.6
134	24.4		0.0	49.8

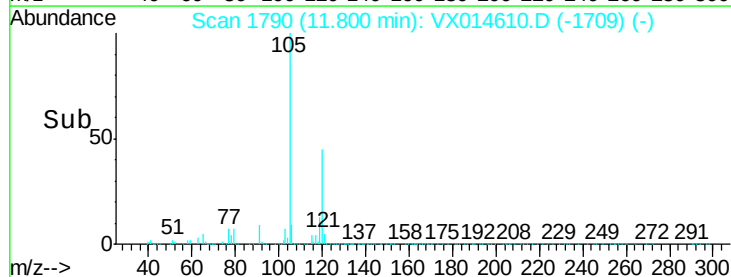
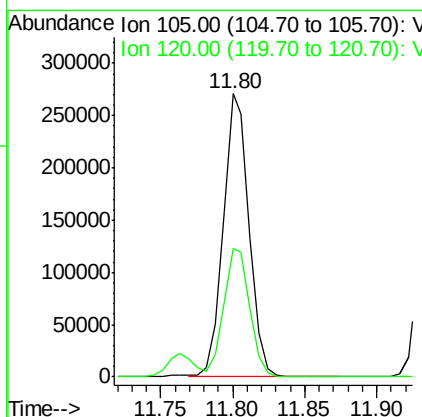
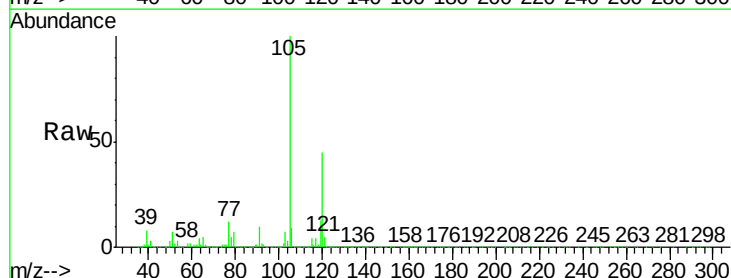
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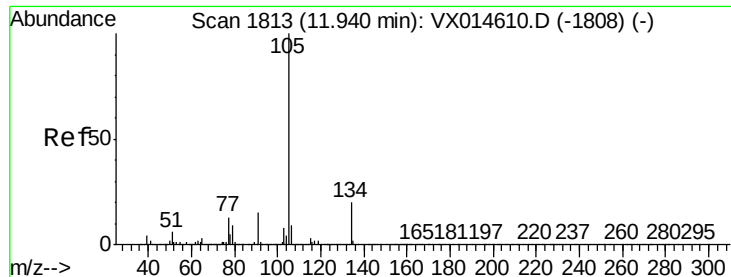
MMDadoda
1/16/2020 9:41:57 AM



#80
1,2,4-Trimethylbenzene
Concen: 18.739 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339641		
120	45.7		0.0	92.0





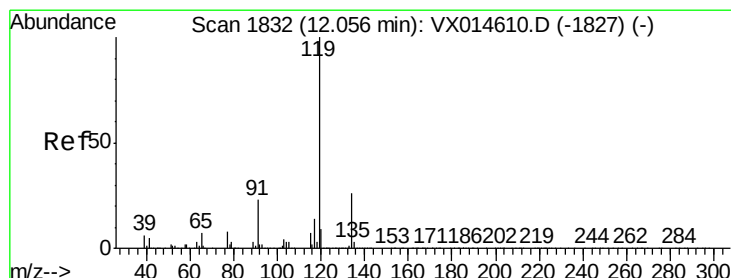
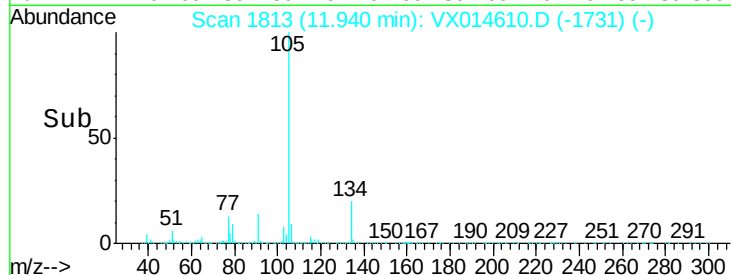
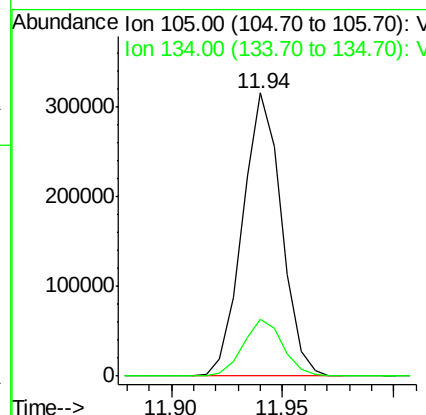
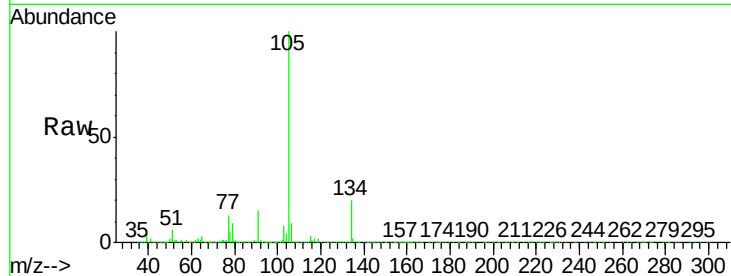
#81
 sec-Butylbenzene
 Concen: 18.447 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	383358		
134	20.3	0.0	40.2	

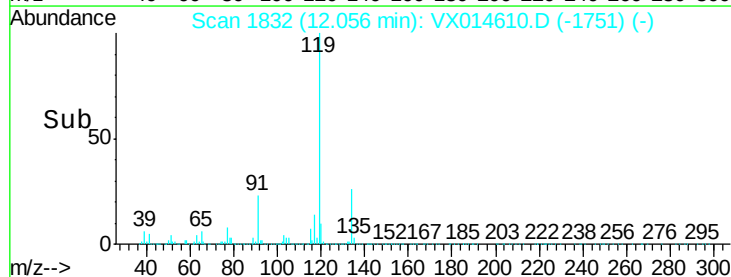
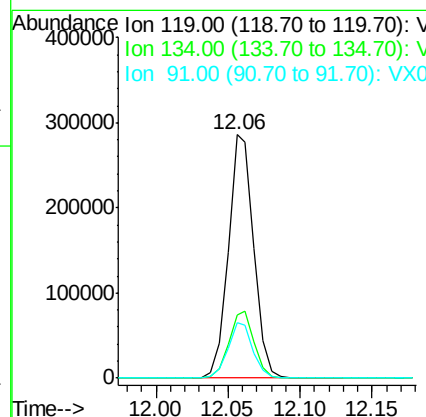
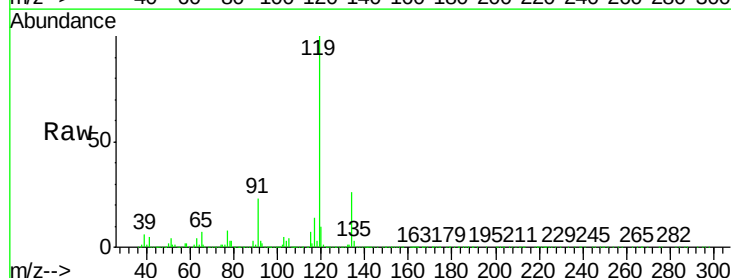
Manual Integrations
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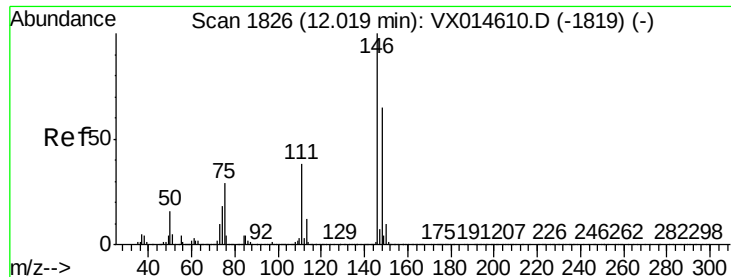
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#82
 p-Isopropyltoluene
 Concen: 18.857 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	353635		
134	27.1	0.0	53.8	
91	22.2	0.0	45.0	





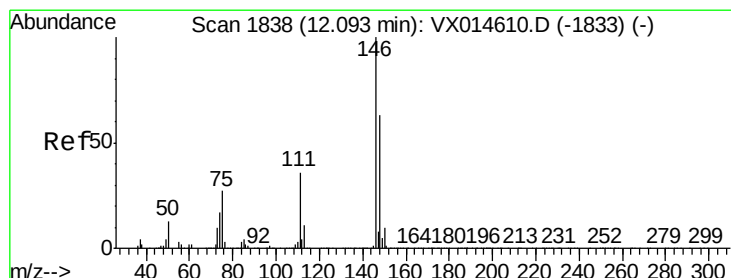
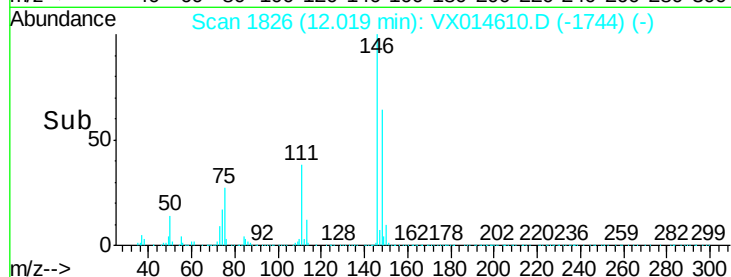
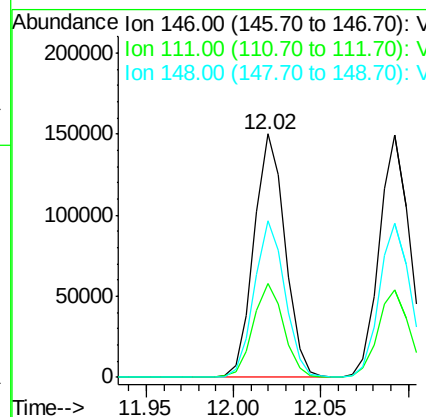
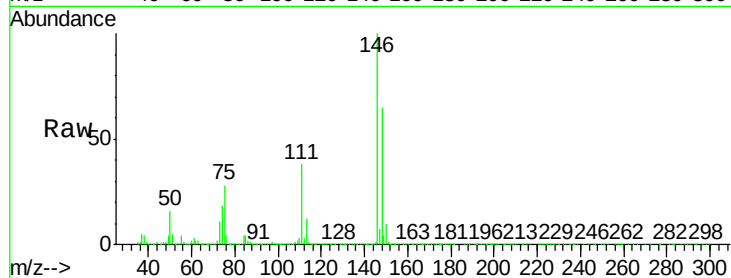
#83
 1,3-Dichlorobenzene
 Concen: 18.676 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	63.4	32.2	96.6

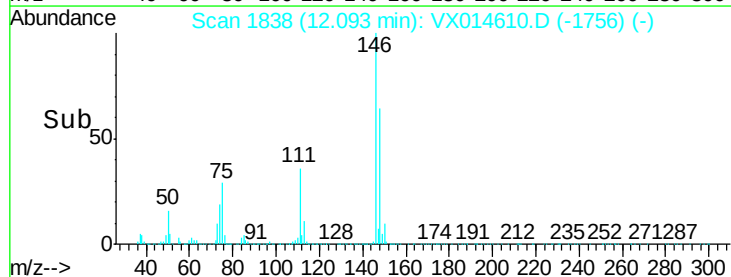
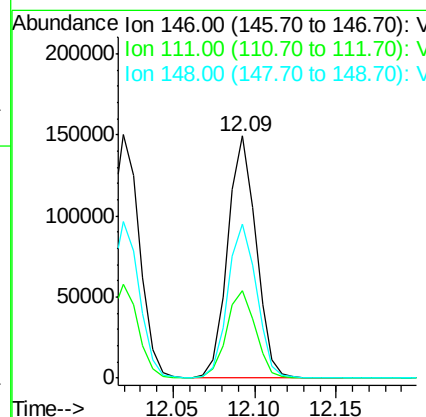
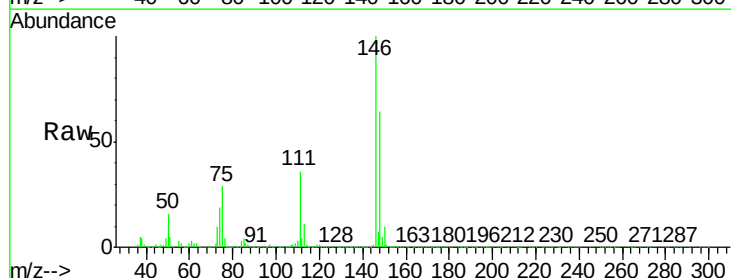
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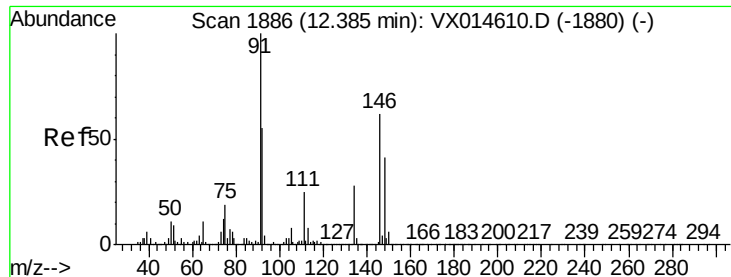
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 1/16/2020 9:41:57 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.202 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.4
148	64.9	32.0	96.0





#85

n-Butylbenzene

Concen: 18.673 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Instrument :

MSVOA_X

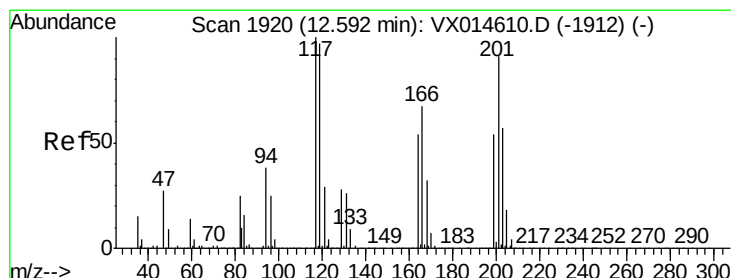
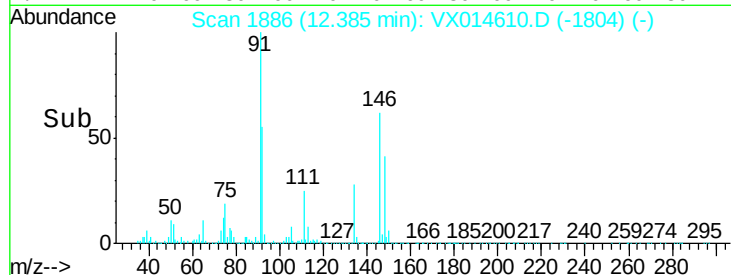
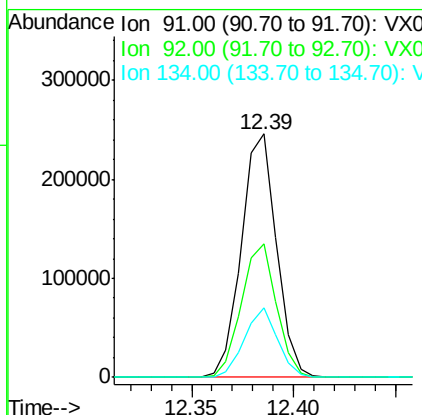
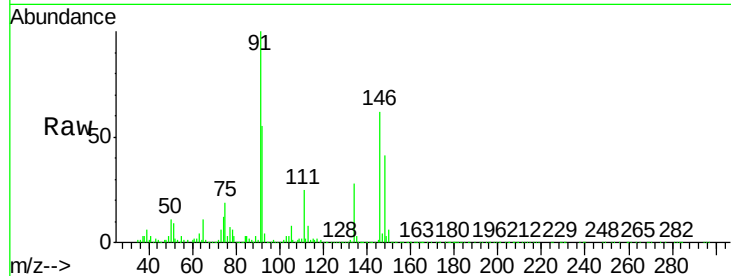
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	294431
Ion Ratio	Lower	Upper	
91	100		
92	55.1	0.0	109.0
134	26.9	0.0	54.0

Manual Integrations
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#86

Hexachloroethane

Concen: 17.850 ug/l

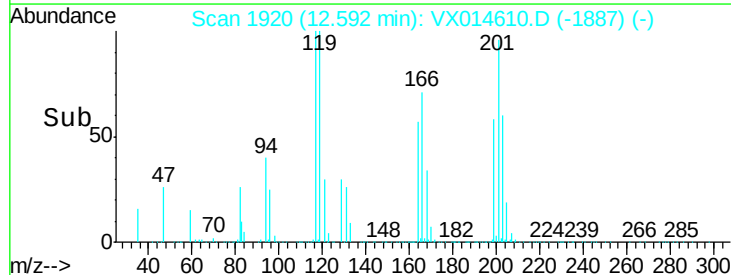
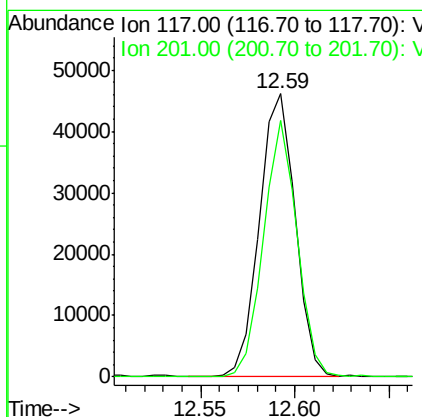
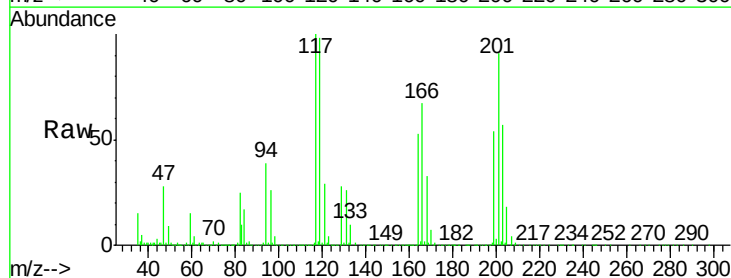
RT: 12.59 min Scan# 1920

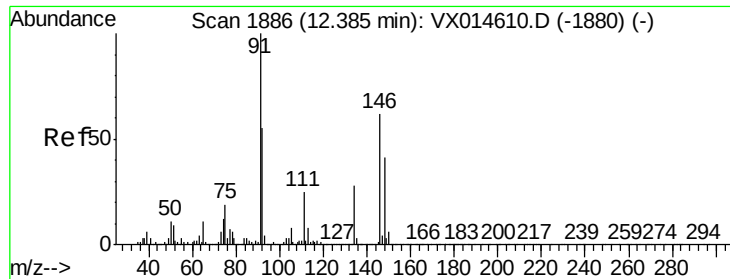
Delta R.T. 0.00 min

Lab File: VX014610.D

Acq: 15 Jan 2020 11:10

Tgt Ion:	117	Resp:	60726
Ion Ratio	Lower	Upper	
117	100		
201	84.8	44.8	134.3





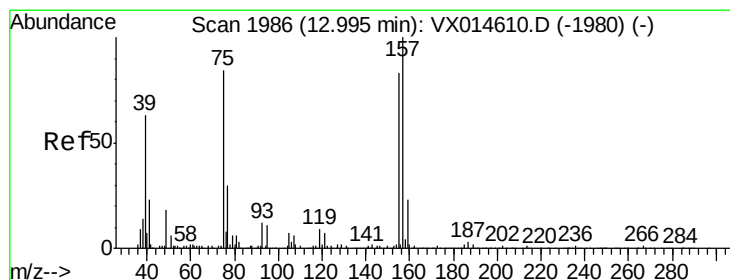
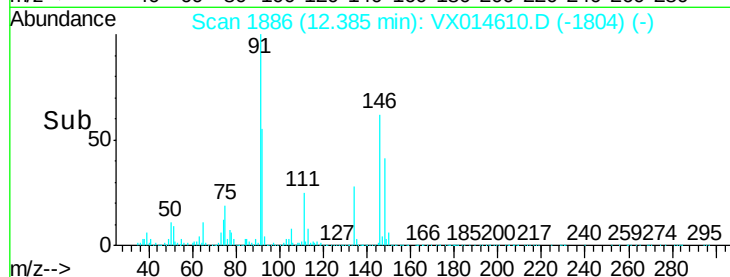
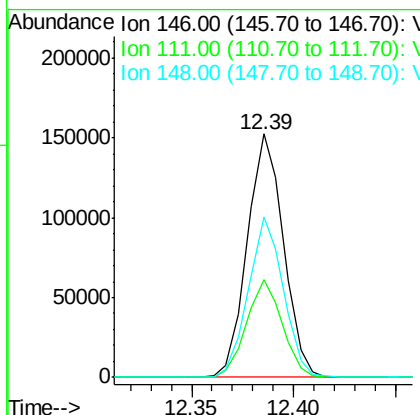
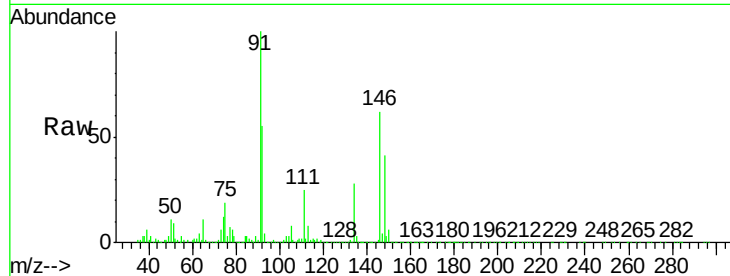
#87
 1,2-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	64.2	32.0	96.2

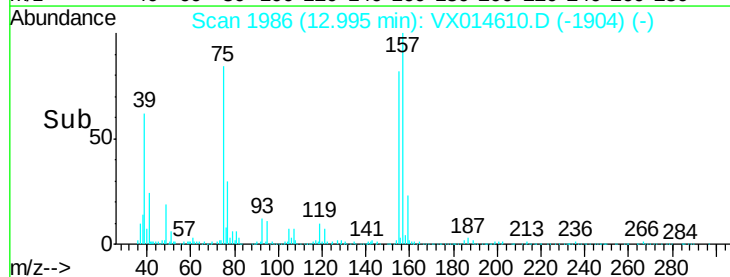
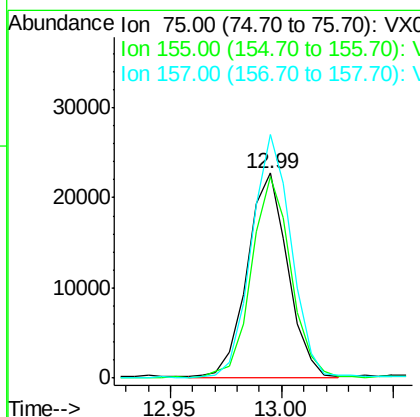
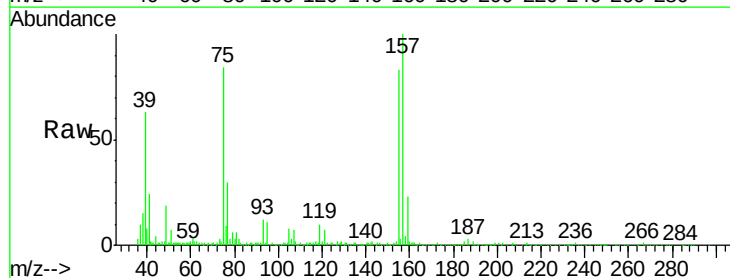
Manual Integrations
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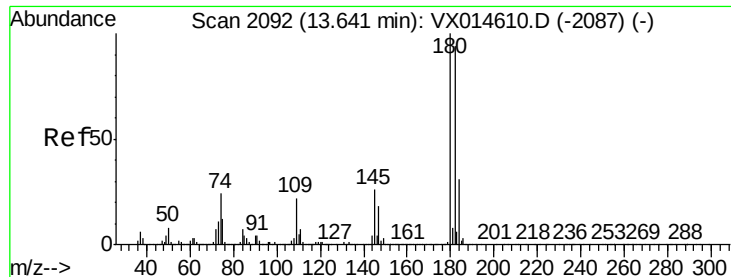
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.036 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	73.8	110.6
157	116.7	95.0	142.4





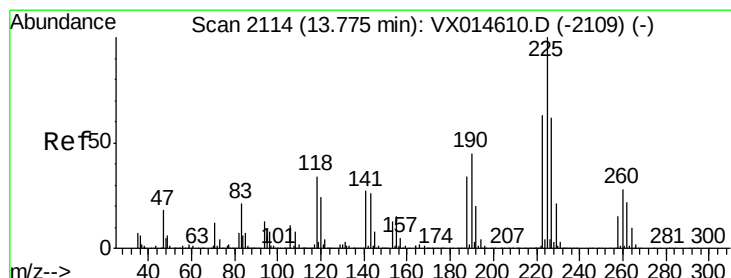
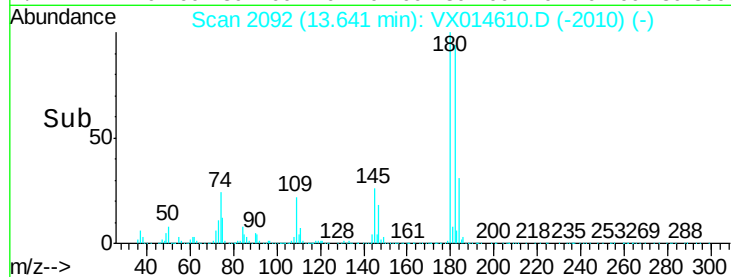
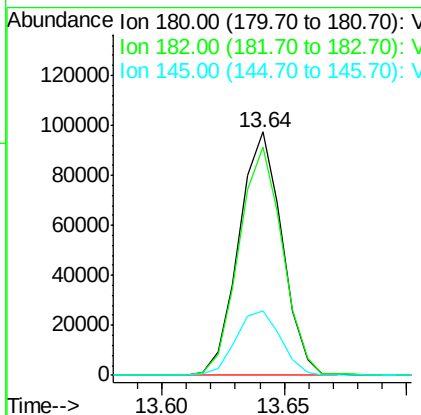
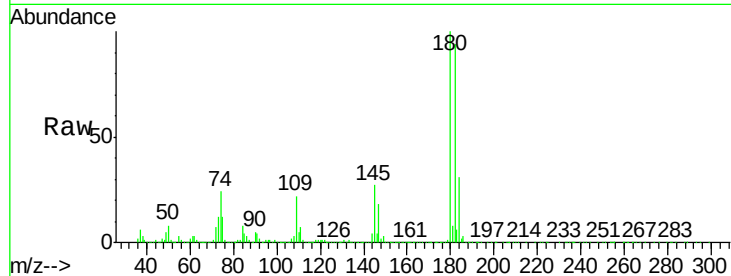
#89
 1,2,4-Trichlorobenzene
 Concen: 18.520 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	27.5	21.9	32.9

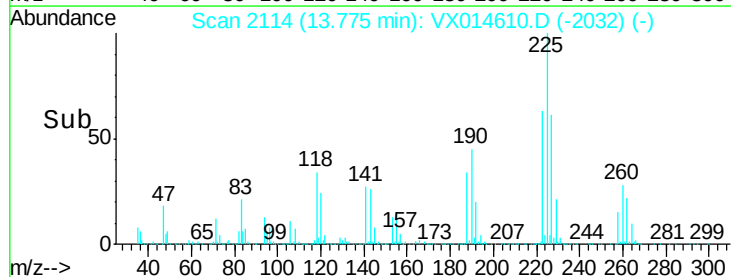
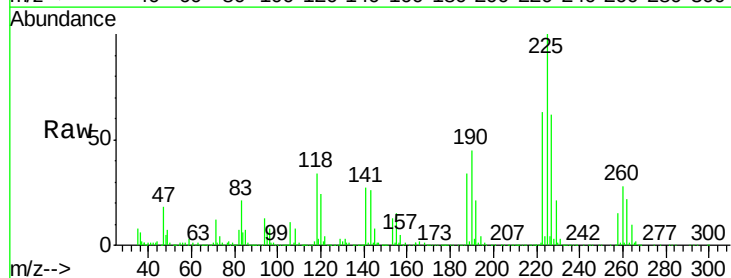
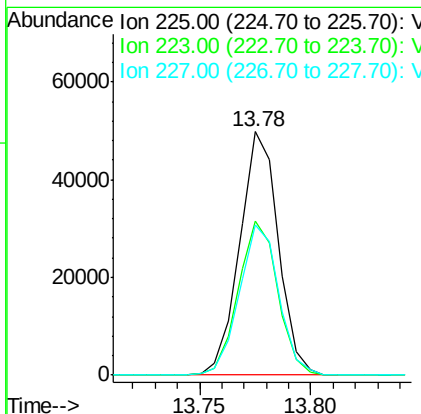
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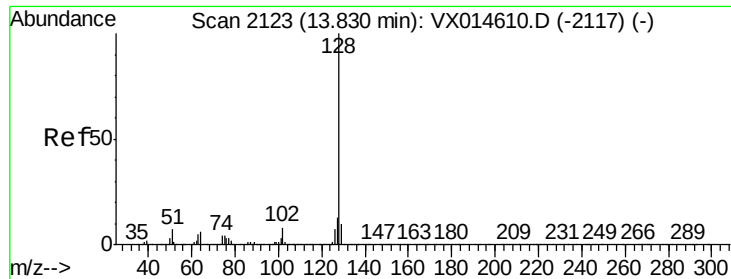
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#90
 Hexachlorobutadiene
 Concen: 19.705 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014610.D
 Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	127.4
227	63.1	0.0	122.8





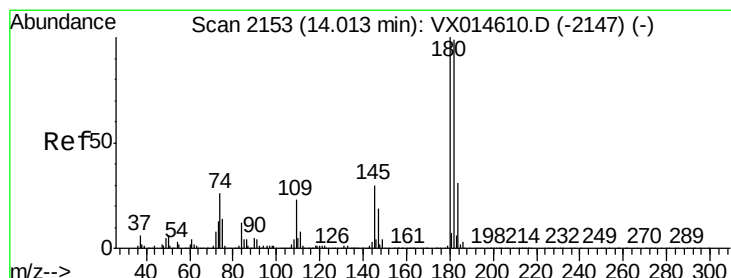
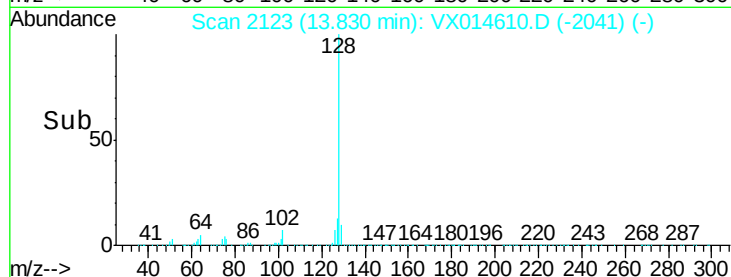
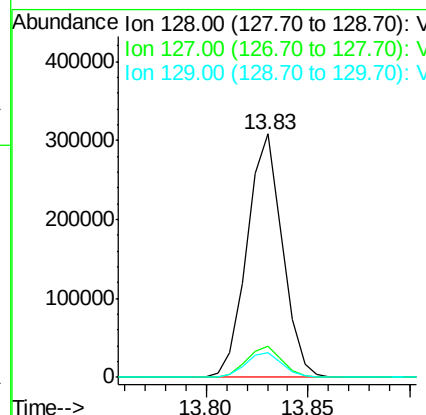
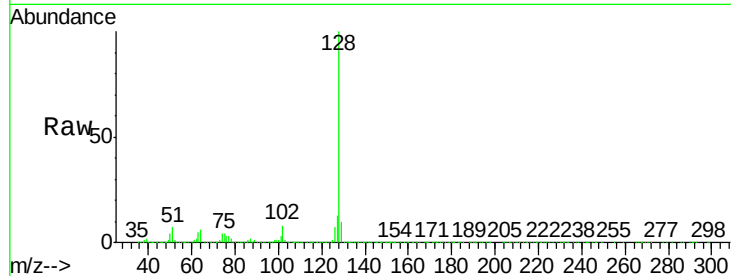
#91
Naphthalene
Concen: 19.114 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 18.769 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014610.D
Acq: 15 Jan 2020 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	192.8
145	30.2	0.0	60.0

