

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX016000.D
 Acq On : 30 Apr 2020 17:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:30 PM

Quant Time: May 01 08:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	49398	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	276088	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	251028	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	115845	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.12	95	122977	29.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.37%
63) Toluene-d8	8.70	98	328981	30.55	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	65689	19.306	ug/l 99
3) Chloromethane	1.31	50	64213	19.262	ug/l 100
4) Vinyl Chloride	1.39	62	70082	18.503	ug/l 100
5) Bromomethane	1.63	94	48814	21.026	ug/l 99
6) Chloroethane	1.72	64	46190	18.602	ug/l 98
7) Trichlorofluoromethane	1.92	101	103903	19.152	ug/l 98
8) Diethyl Ether	2.17	74	40582	18.741	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50781	18.125	ug/l 99
10) 1,1-Dichloroethene	2.36	96	50248	17.776	ug/l 92
11) Methyl Iodide	2.49	142	66508	17.235	ug/l 98
12) Methyl Acetate	2.75	43	95221	19.294	ug/l 100
13) Acrolein	2.27	56	34397	86.941	ug/l 98
14) Acrylonitrile	3.12	53	169741	93.114	ug/l 99
15) Acetone	2.42	58	46284	95.938	ug/l 96
16) Carbon Disulfide	2.55	76	153627	17.865	ug/l 99
17) Allyl chloride	2.71	41	95415	18.196	ug/l 97
18) Methylene Chloride	2.84	84	58102	18.349	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	56170	18.169	ug/l 99
20) Diisopropyl ether	3.82	45	185131	18.311	ug/l 90
21) 1,1-Dichloroethane	3.67	63	102689	18.216	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	63180	18.008	ug/l 98
23) tert-Butyl Alcohol	3.01	59	83909	94.032	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	188914	18.610	ug/l 99
25) Chloroform	5.18	83	103905	18.148	ug/l 97
26) Cyclohexane	5.55	56	93143	18.068	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	77416	17.829	ug/l 99
30) 2-Butanone	4.64	43	244144	94.360	ug/l 99
31) 2,2-Dichloropropane	4.56	77	90774	17.370	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	95642	18.157	ug/l 100
33) Carbon Tetrachloride	5.76	117	85011	18.126	ug/l 98
34) Benzene	6.12	78	229163	18.068	ug/l 99
35) Methacrylonitrile	5.01	41	50336	18.319	ug/l 99
36) 1,2-Dichloroethane	6.17	62	88927	18.360	ug/l 99
37) Trichloroethene	7.20	130	81916	18.156	ug/l 98
38) Methylcyclohexane	7.44	83	93229	17.569	ug/l 99
39) 1,2-Dichloropropane	7.49	63	58763	18.049	ug/l 100
40) Dibromomethane	7.64	93	40507	17.918	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	82492	17.700	ug/l	99
42) Vinyl Acetate	3.79	43	772996	90.304	ug/l	100
43) Ethyl Acetate	4.79	43	96177	18.844	ug/l	100
44) Isopropyl Acetate	6.42	43	153394	18.521	ug/l	100
45) 1,4-Dioxane	7.71	88	32046	366.301	ug/l	99
46) Methyl methacrylate	7.75	41	71010	18.085	ug/l	99
47) n-amyl Acetate	10.88	43	126570	17.477	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	94997	17.553	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	99749	17.839	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	57354	18.003	ug/l	98
51) Ethyl methacrylate	9.16	69	94050	17.878	ug/l	99
52) 1,3-Dichloropropane	9.35	76	100018	18.161	ug/l	99
53) Dibromochloromethane	9.57	129	62837	17.337	ug/l	100
54) 1,2-Dibromoethane	9.65	107	61949	17.693	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	257648	90.025	ug/l	99
56) Bromoform	10.84	173	44793	16.402	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	469051	94.751	ug/l	100
59) 2-Hexanone	9.48	43	362058	94.687	ug/l	100
61) Tetrachloroethene	9.32	164	90256	18.176	ug/l	98
62) Toluene	8.77	91	246145	18.354	ug/l	100
64) Chlorobenzene	10.12	112	153780	18.009	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	58319	17.990	ug/l	98
66) Ethyl Benzene	10.24	91	276096	18.080	ug/l	99
67) m/p-Xylenes	10.34	106	206266	35.456	ug/l	100
68) o-Xylene	10.68	106	99318	17.704	ug/l	99
69) Styrene	10.70	104	167395	17.434	ug/l	99
70) Isopropylbenzene	11.01	105	268818	17.748	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	48349	17.171	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	85129m	18.667	ug/l	
73) Bromobenzene	11.24	156	65669	17.205	ug/l	96
74) n-propylbenzene	11.34	91	309934	17.617	ug/l	99
75) 2-Chlorotoluene	11.40	91	181352	17.542	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	223992	17.422	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	33347	17.006	ug/l	99
78) 4-Chlorotoluene	11.49	91	212439	17.360	ug/l	99
79) tert-butylbenzene	11.76	119	192905	17.568	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	223173	17.375	ug/l	99
81) sec-Butylbenzene	11.93	105	255929	17.281	ug/l	99
82) p-Isopropyltoluene	12.05	119	237035	17.271	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	120693	17.539	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	119935	17.540	ug/l	98
85) n-Butylbenzene	12.37	91	208690	16.647	ug/l	100
86) Hexachloroethane	12.58	117	40372	16.710	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	119437	17.946	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21329	18.103	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	82398	16.809	ug/l	100
90) Hexachlorobutadiene	13.77	225	36429	17.291	ug/l	98
91) Naphthalene	13.82	128	276292	17.704	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	81213	17.245	ug/l	97

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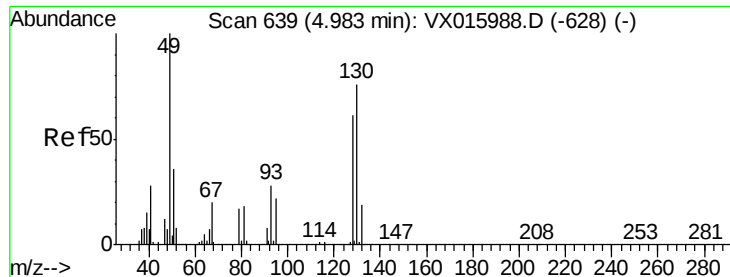
Manual Integrations
APPROVED

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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: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

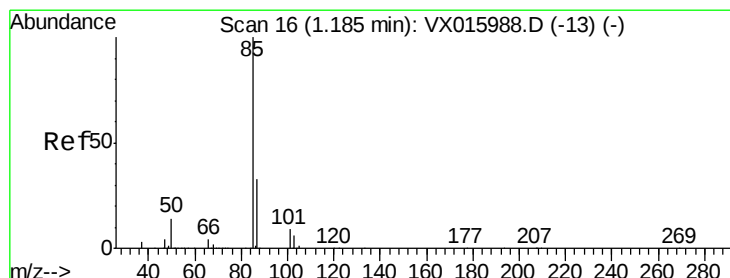
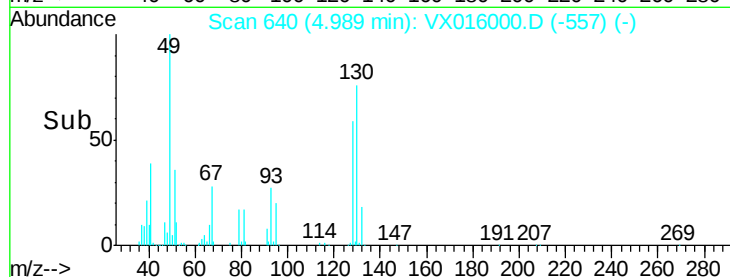
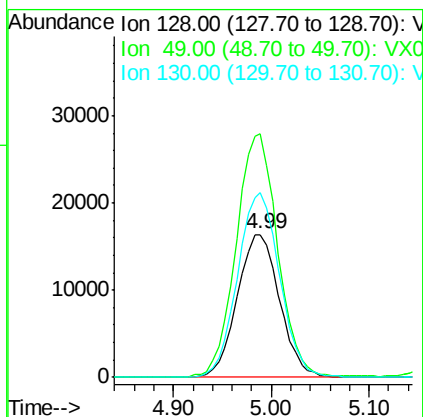
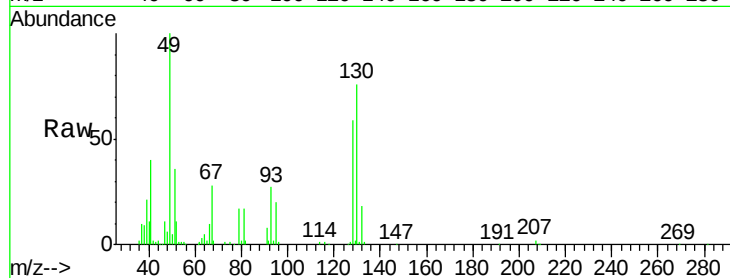
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	49398
Ion	Ratio	Lower	Upper
128	100		
49	167.6	0.0	418.5
130	128.2	0.0	326.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 19.306 ug/l

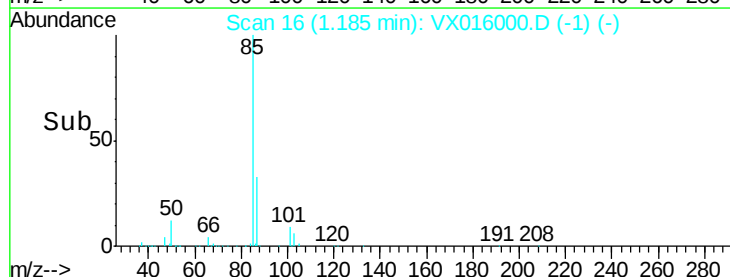
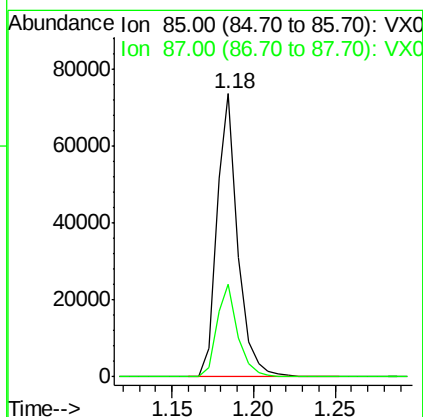
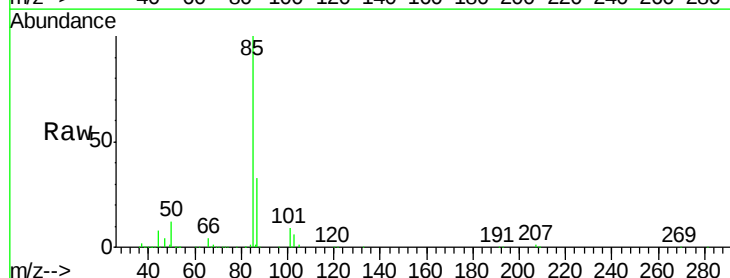
RT: 1.18 min Scan# 16

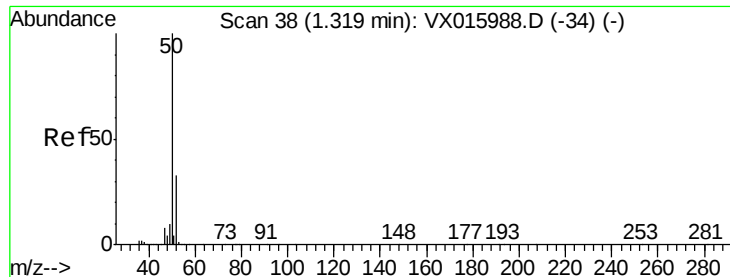
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	85	Resp:	65689
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.7





#3

Chloromethane

Concen: 19.262 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 64213

Ion Ratio Lower Upper

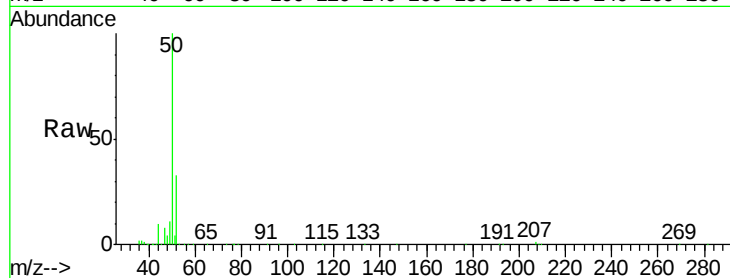
50 100

52 33.1 26.5 39.7

Manual Integrations
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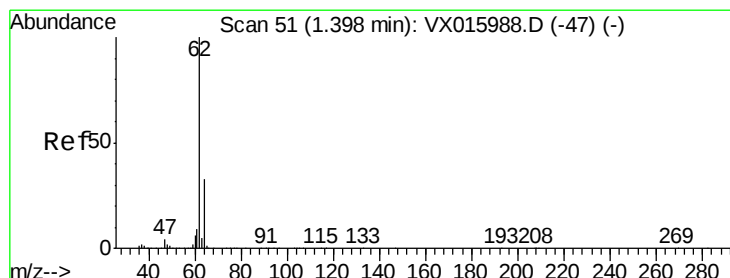
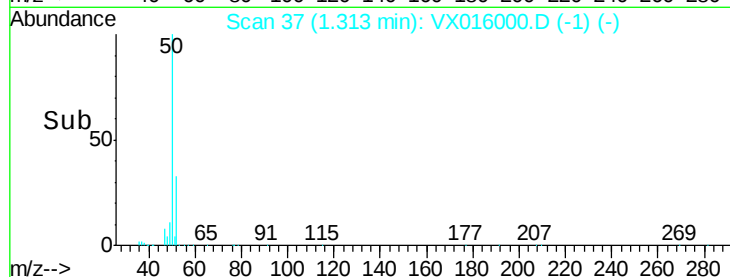
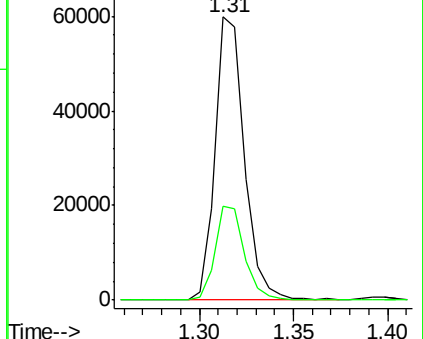
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.503 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016000.D

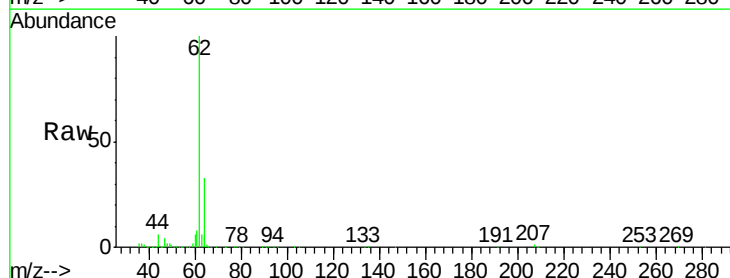
Acq: 30 Apr 2020 17:08

Tgt Ion: 62 Resp: 70082

Ion Ratio Lower Upper

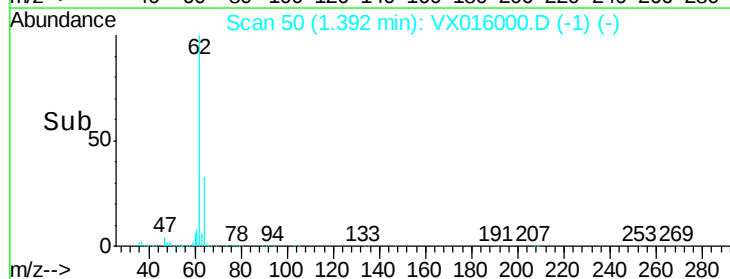
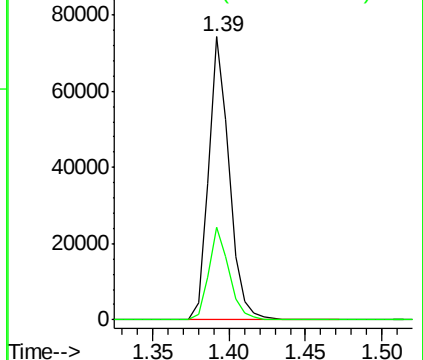
62 100

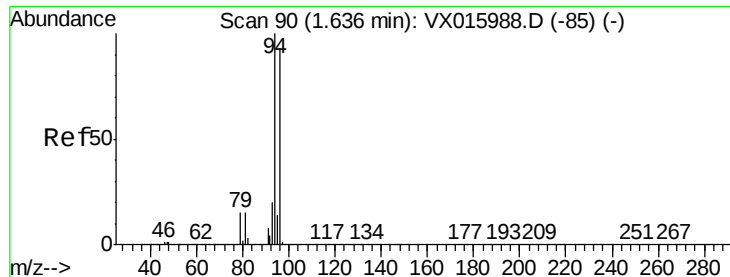
64 32.7 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 21.026 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 48814

Ion Ratio Lower Upper

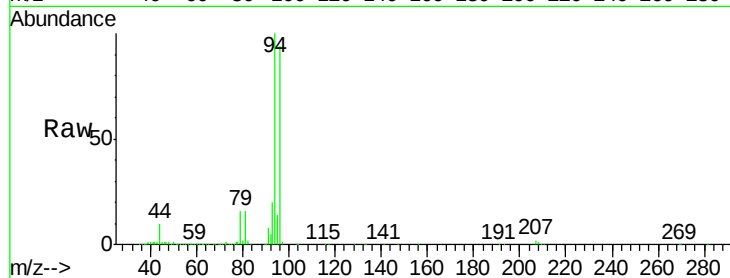
94 100

96 94.1 74.2 111.2

Manual Integrations
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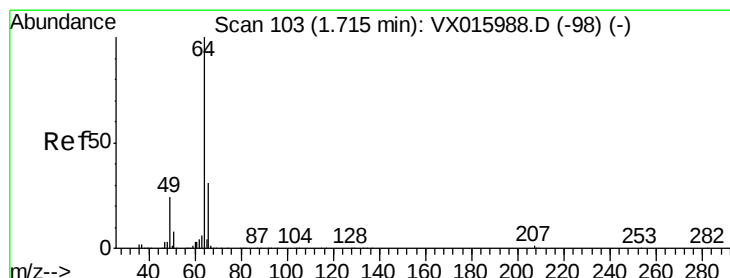
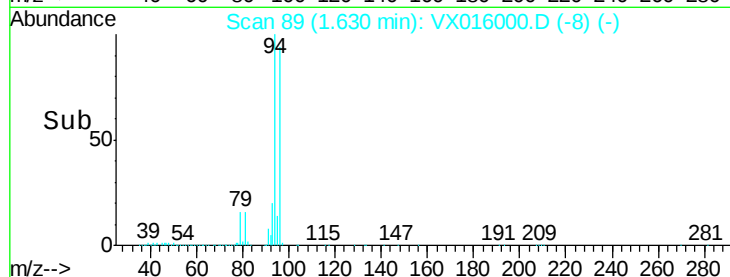
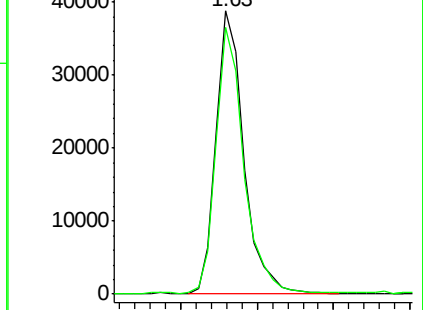
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.602 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016000.D

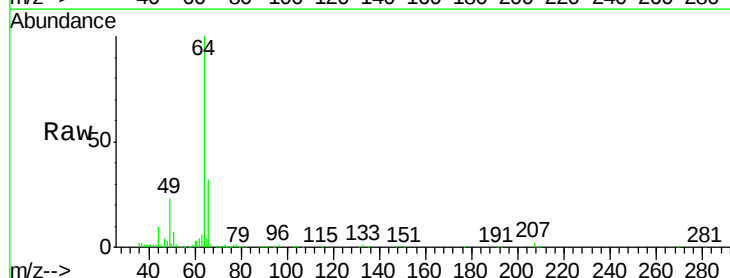
Acq: 30 Apr 2020 17:08

Tgt Ion: 64 Resp: 46190

Ion Ratio Lower Upper

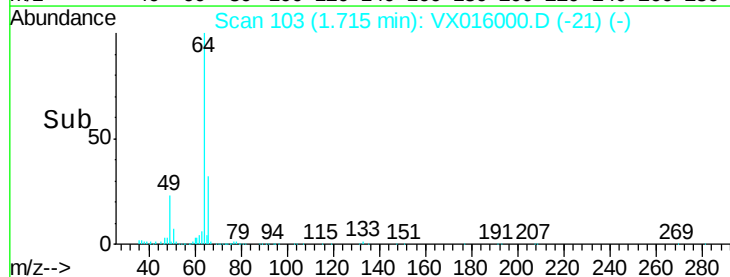
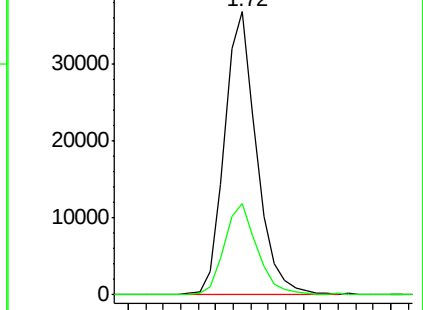
64 100

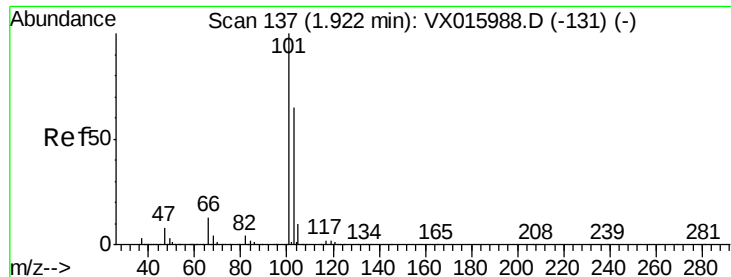
66 32.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

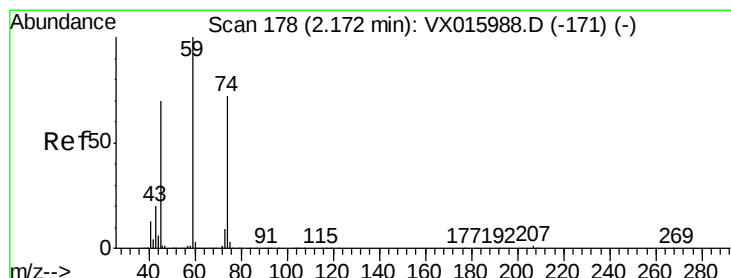
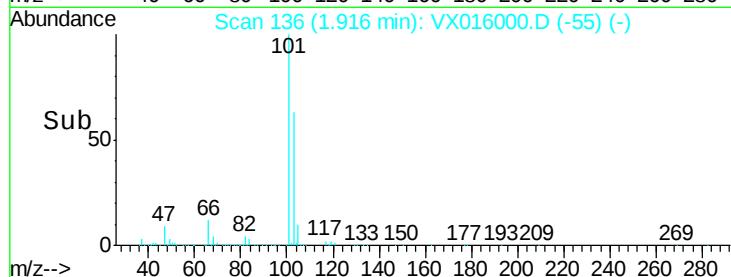
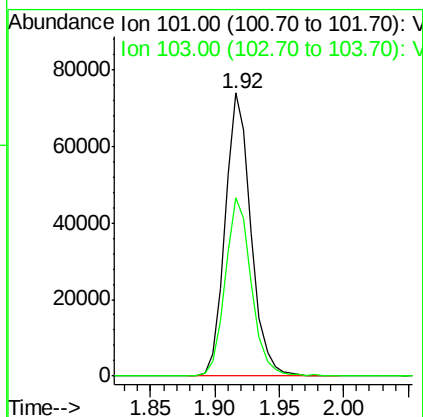
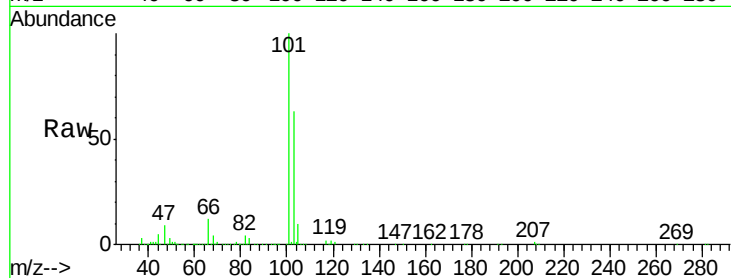
Trichlorofluoromethane
Concen: 19.152 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		103903		
103	62.9	51.8	77.8		

Manual Integrations
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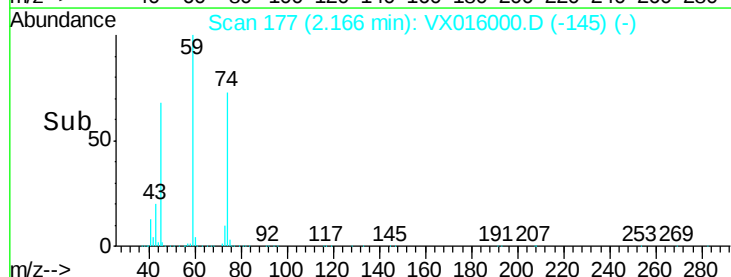
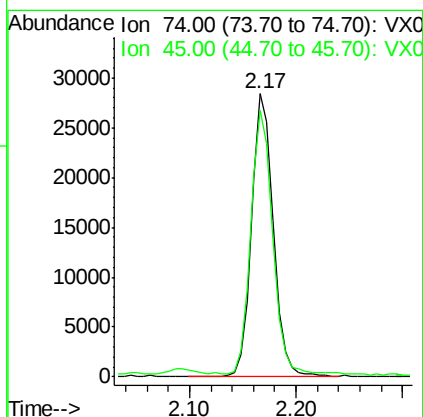
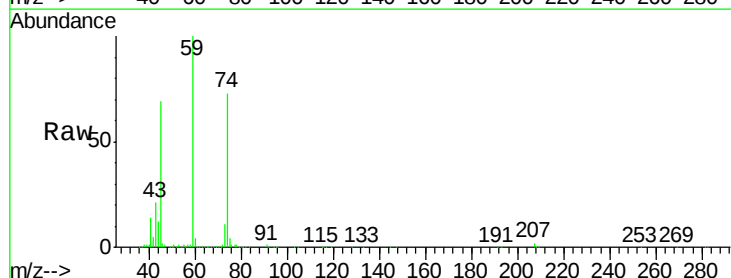
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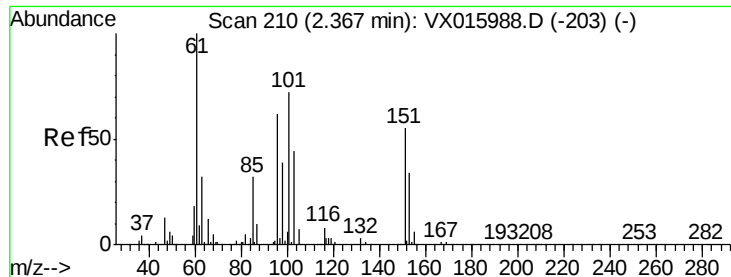


#8

Diethyl Ether
Concen: 18.741 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		40582		
45	93.5	19.4	174.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.125 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

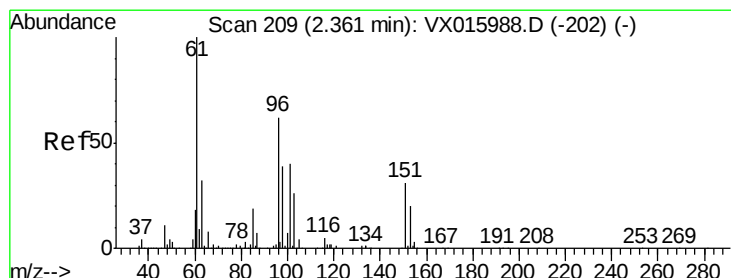
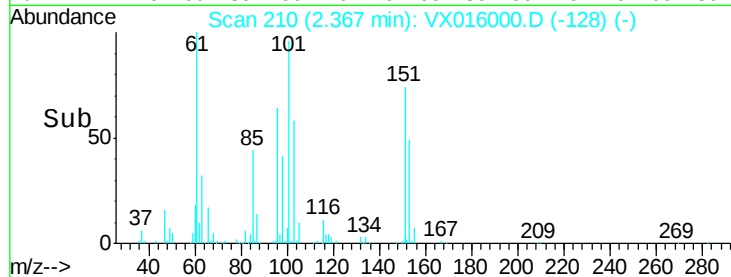
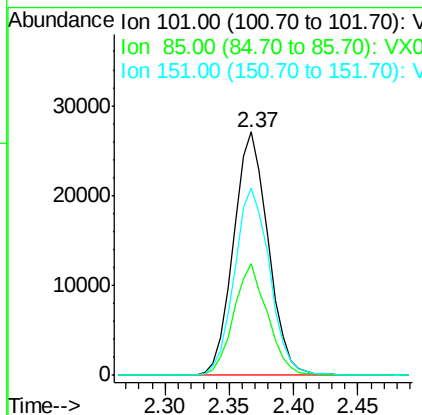
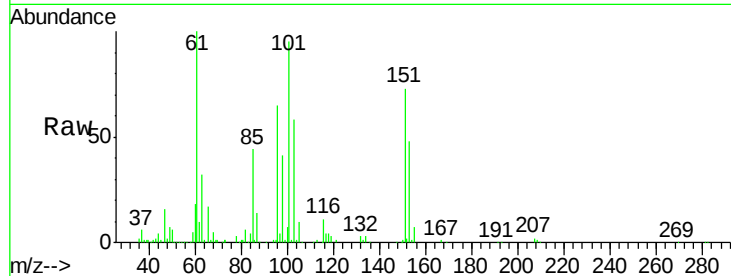
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	50781
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	90.6
151	78.2	0.0	157.0

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#10

1,1-Dichloroethene

Concen: 17.776 ug/l

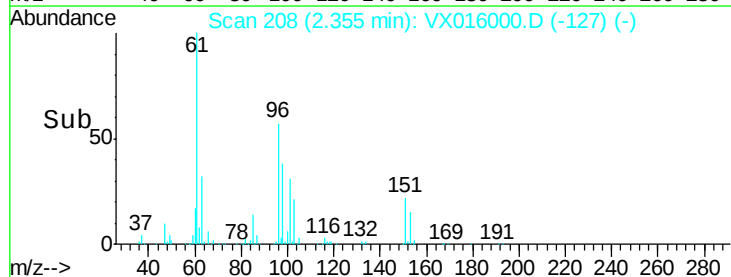
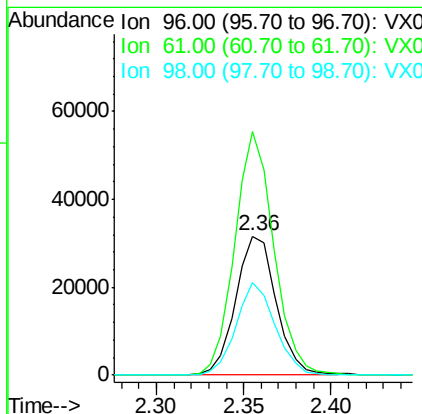
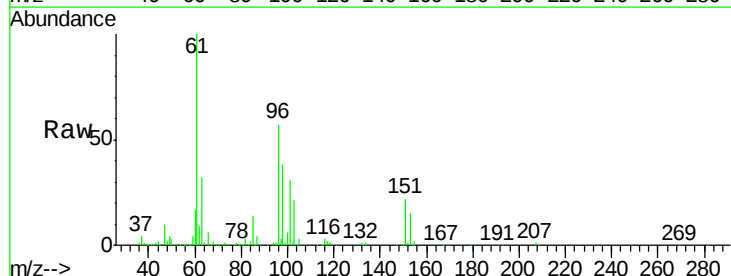
RT: 2.36 min Scan# 208

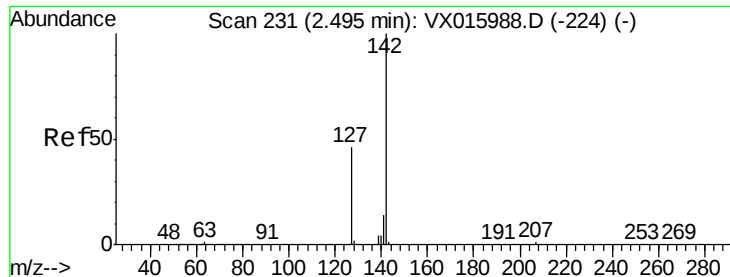
Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	96	Resp:	50248
Ion Ratio	Lower	Upper	
96	100		
61	175.4	129.8	194.8
98	66.3	51.1	76.7





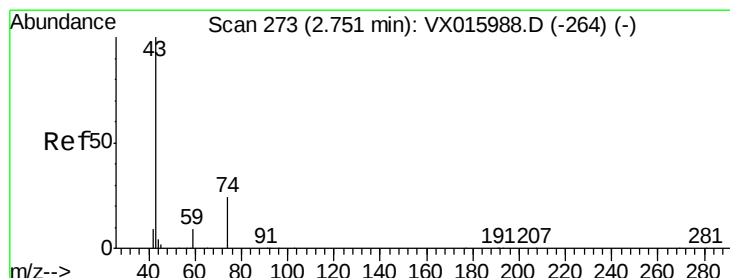
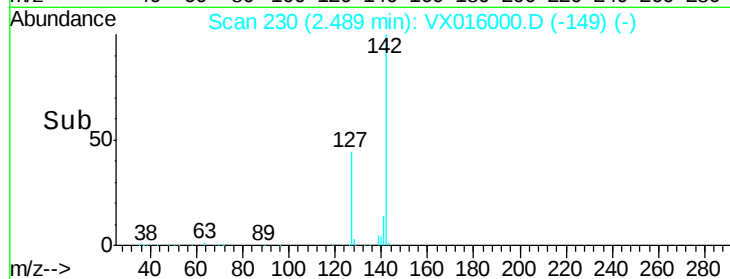
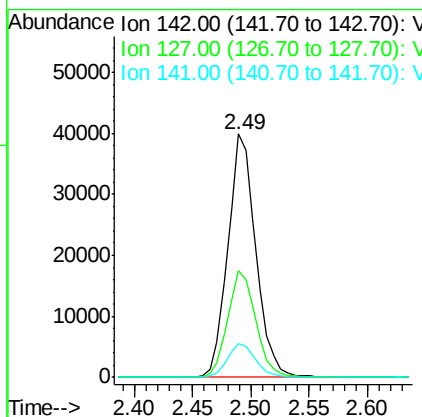
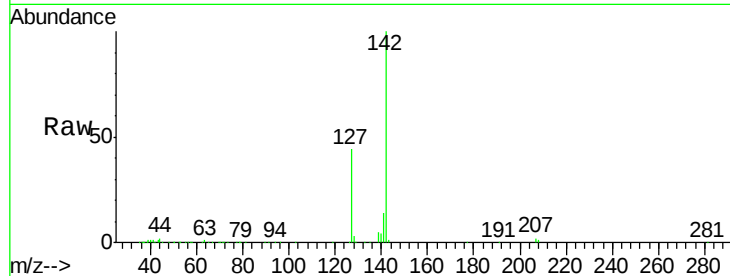
#11
Methvl Iodide
Concen: 17.235 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.6	22.8	68.4
141	13.9	7.0	21.1

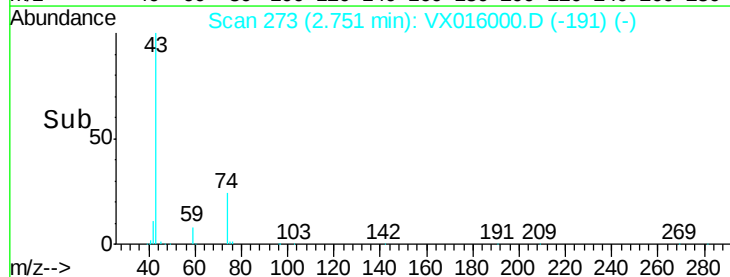
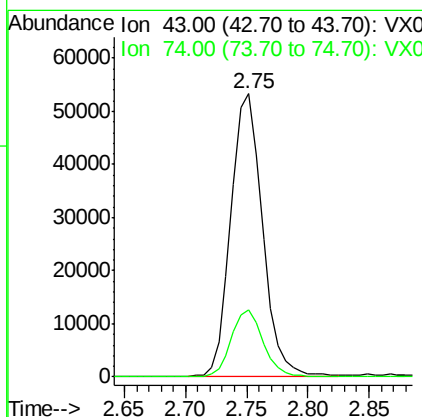
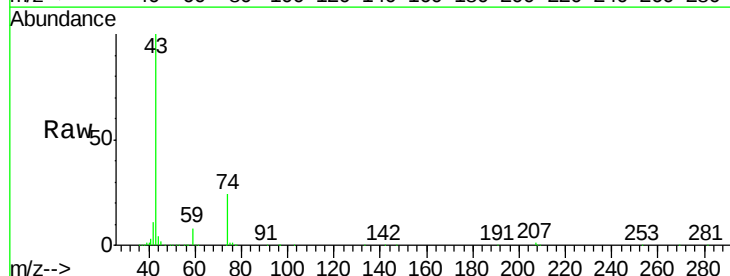
Manual Integrations
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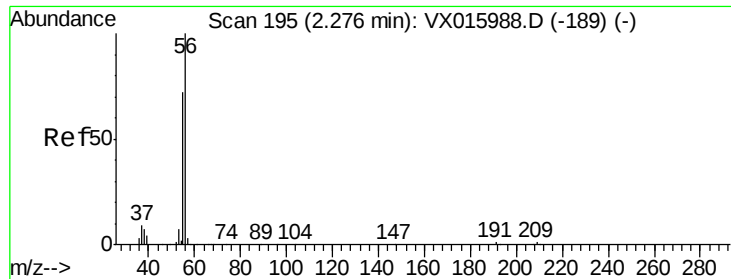
MMDadoda
5/4/2020 3:10:30 PM



#12
Methyl Acetate
Concen: 19.294 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.0	28.4





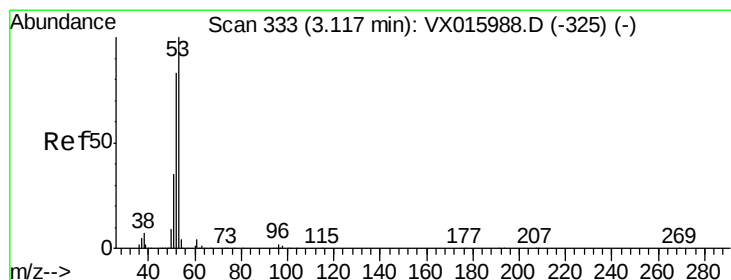
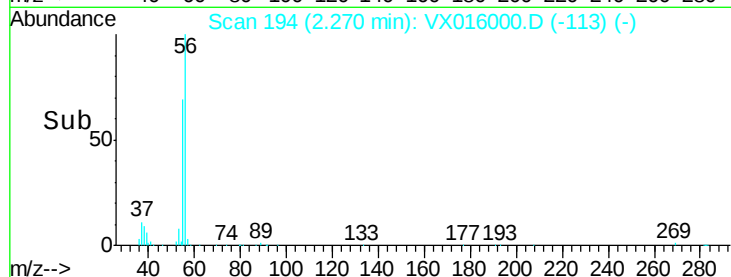
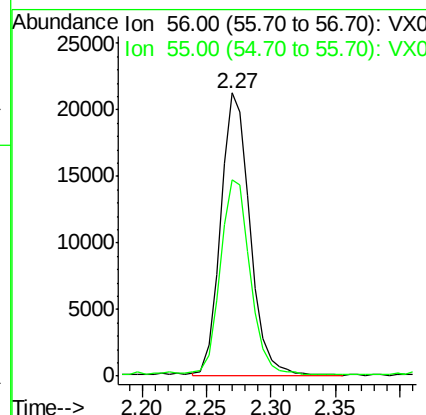
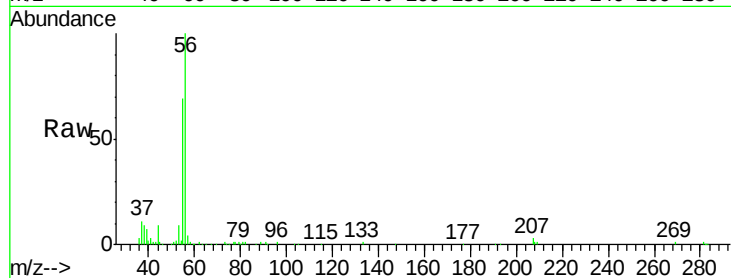
#13
Acrolein
Concen: 86.941 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	56	Resp	34397
Ion Ratio	100	Lower	Upper
55	69.1	56.2	84.4

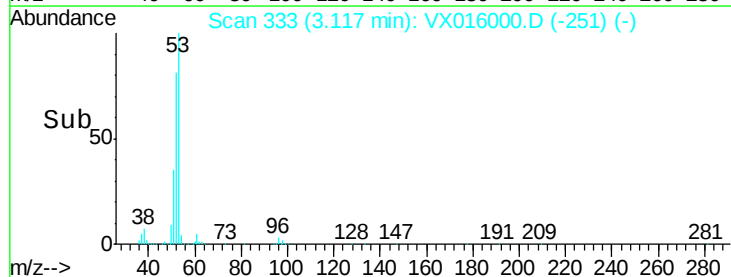
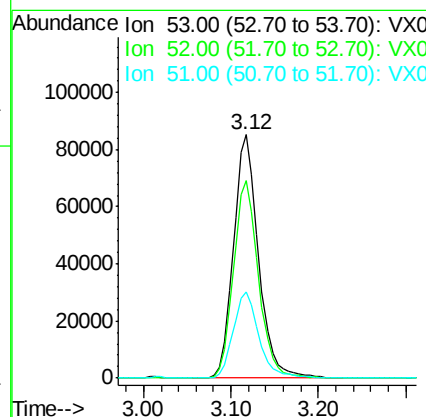
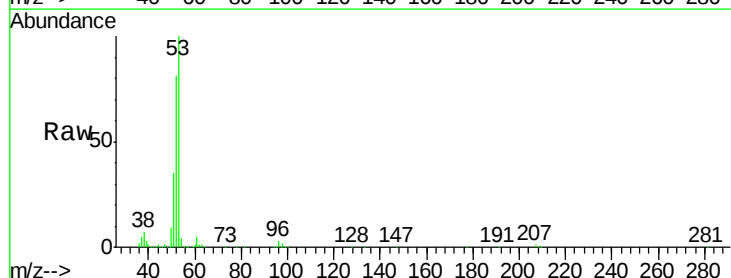
Manual Integrations
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#14
Acrylonitrile
Concen: 93.114 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	53	Resp	169741
Ion Ratio	100	Lower	Upper
52	81.1	41.2	123.6
51	36.4	17.8	53.5





#15

Acetone

Concen: 95.938 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 46284

Ion Ratio Lower Upper

58 100

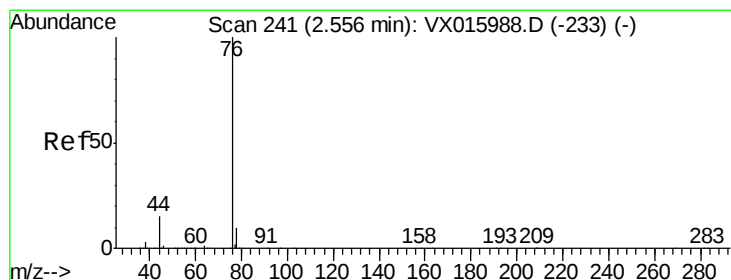
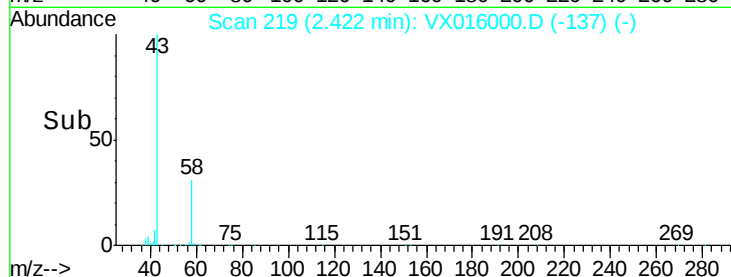
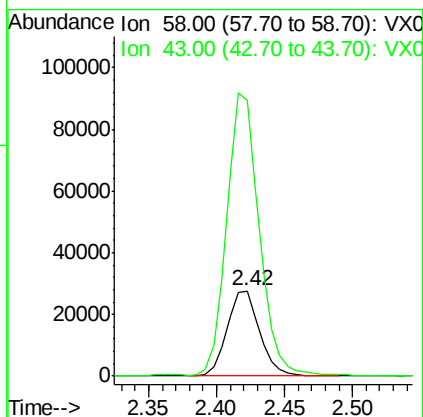
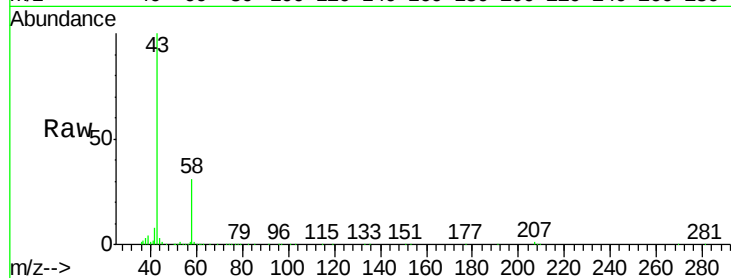
43 322.5 264.2 396.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.865 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016000.D

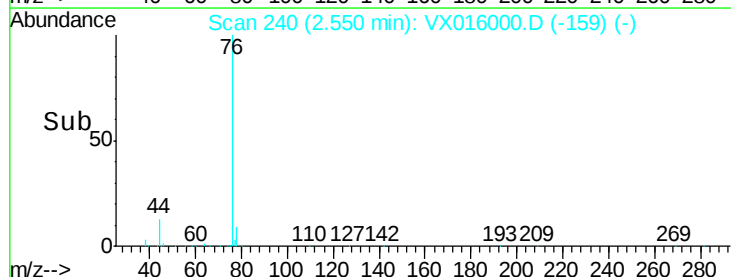
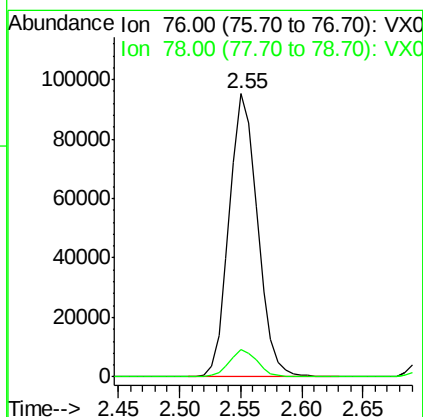
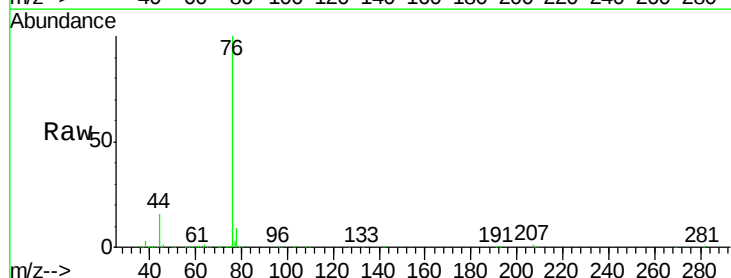
Acq: 30 Apr 2020 17:08

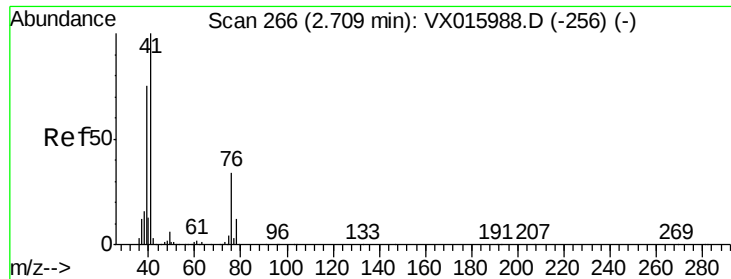
Tgt Ion: 76 Resp: 153627

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5





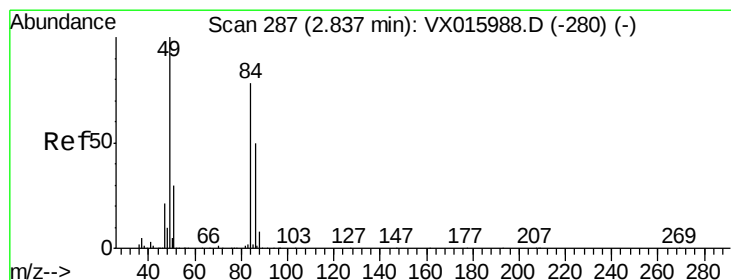
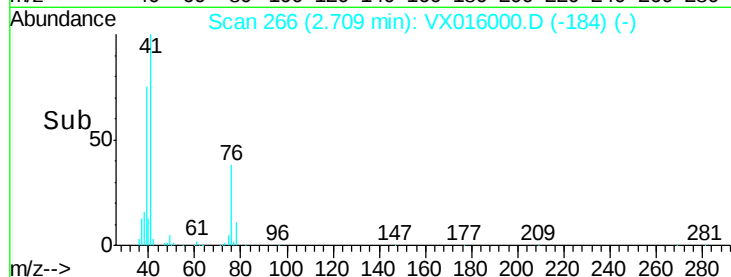
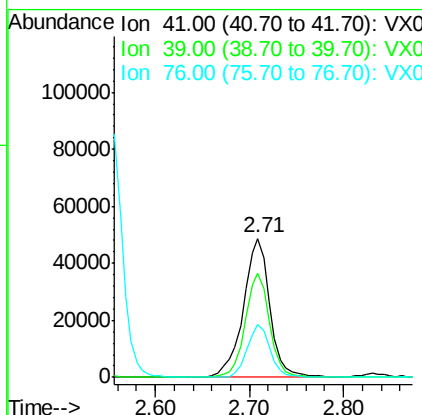
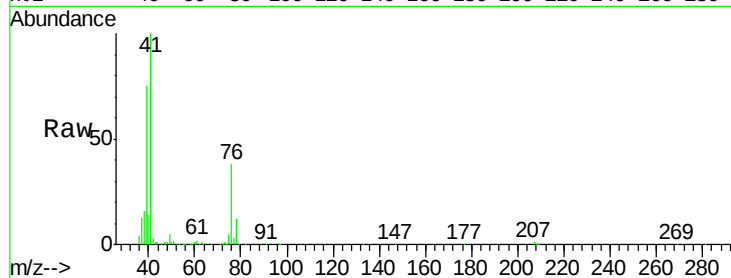
#17
Allvl chloride
Concen: 18.196 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.5	37.6	112.8
76	38.1	17.2	51.5

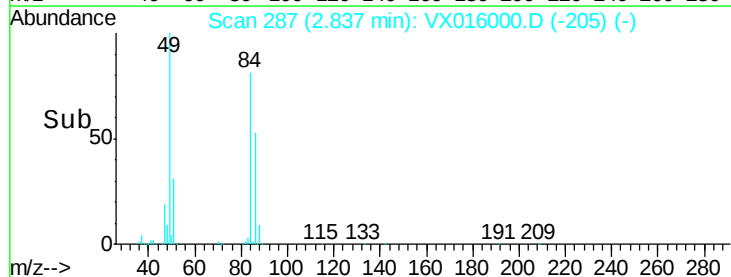
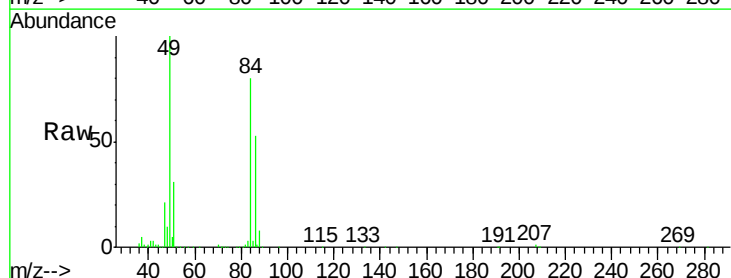
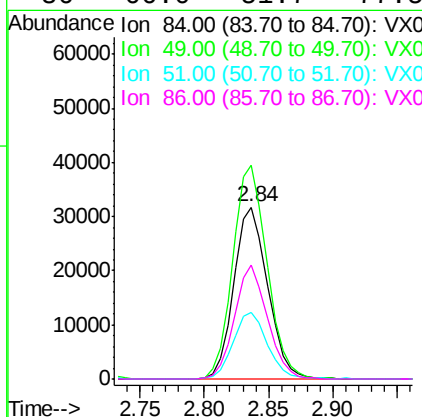
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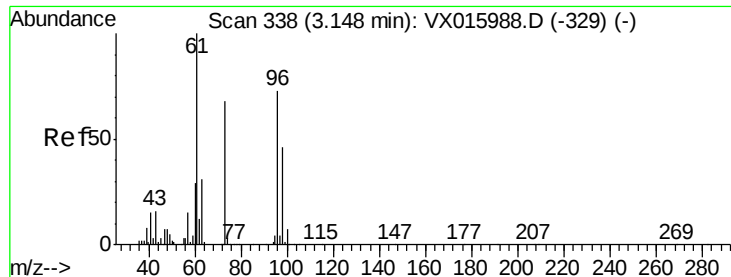
MMDadoda
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#18
Methylene Chloride
Concen: 18.349 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	103.0	154.4
51	38.7	31.4	47.0
86	66.0	51.7	77.5





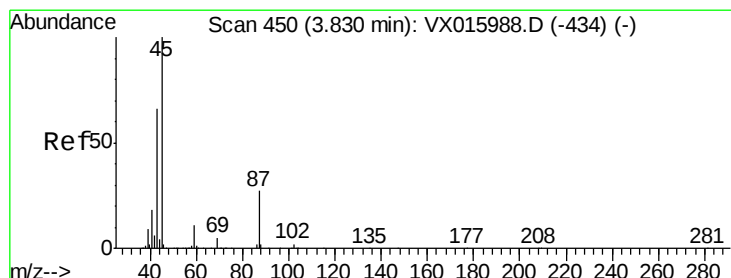
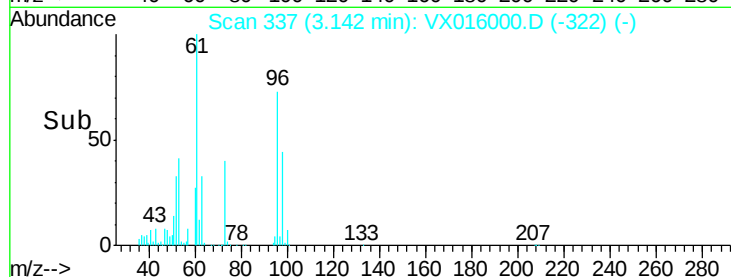
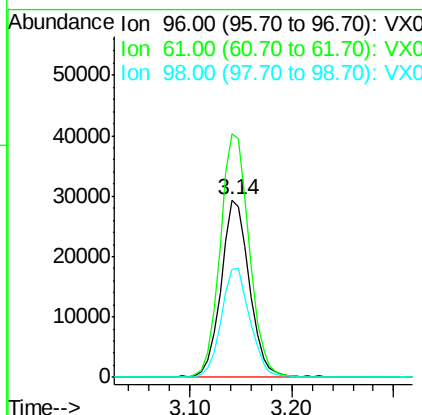
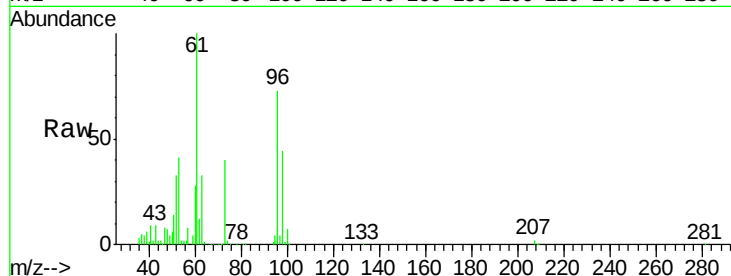
#19
trans-1,2-Dichloroethene
Concen: 18.169 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	137.7	109.0	163.4	
98	61.0	50.0	75.0	

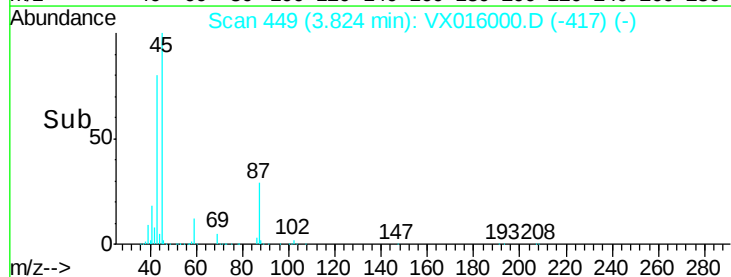
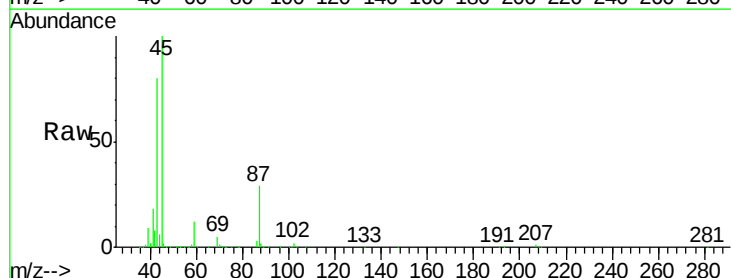
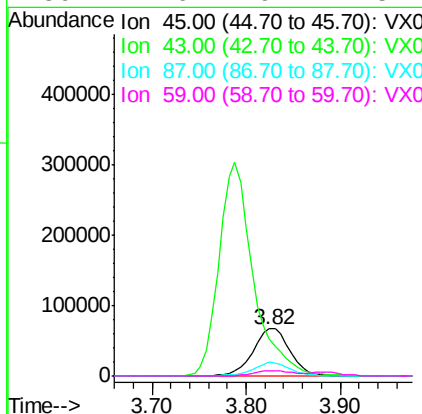
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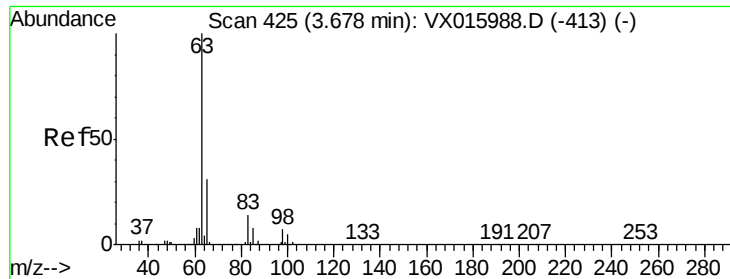
MMDadoda
5/4/2020 3:10:30 PM



#20
Diisopropyl ether
Concen: 18.311 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	78.3	53.0	79.4	
87	28.5	21.9	32.9	
59	11.6	9.1	13.7	





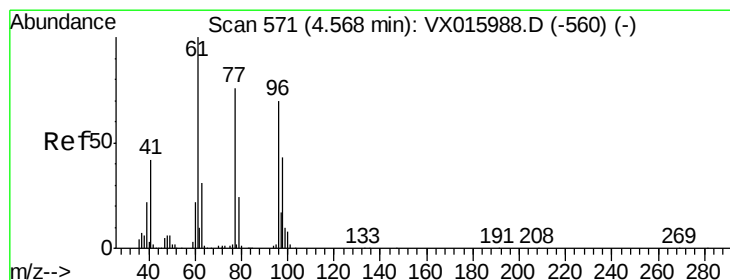
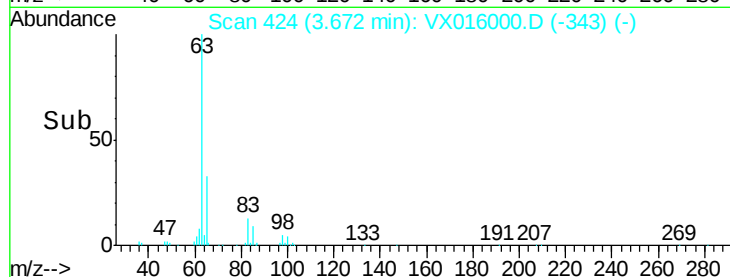
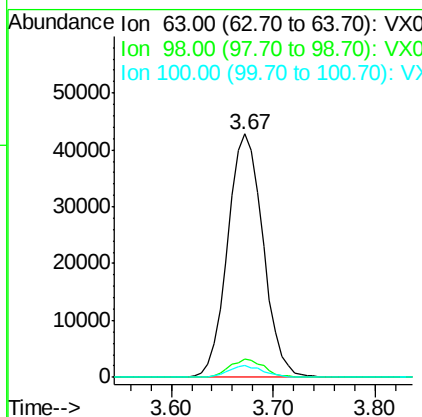
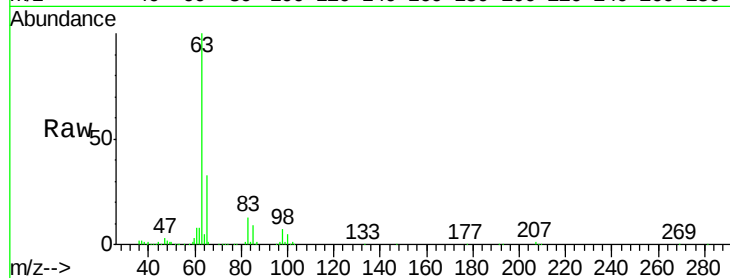
#21
 1,1-Dichloroethane
 Concen: 18.216 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	63	Resp:	102689
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.5	10.4
100	4.7	2.3	6.9

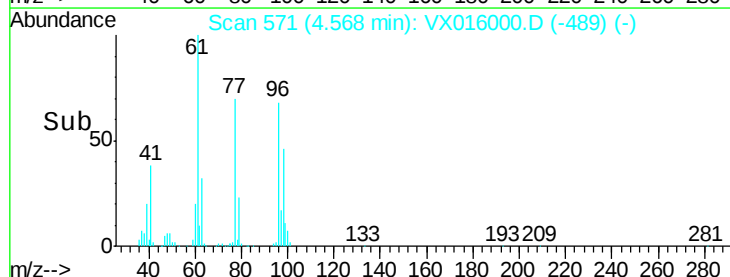
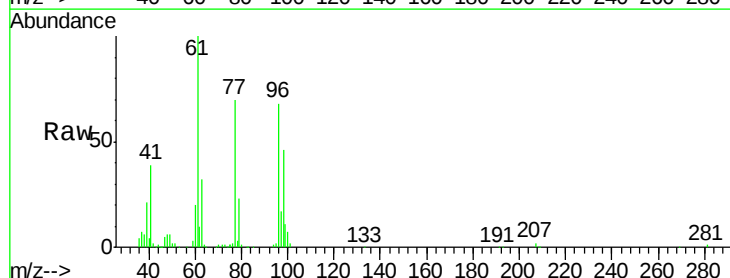
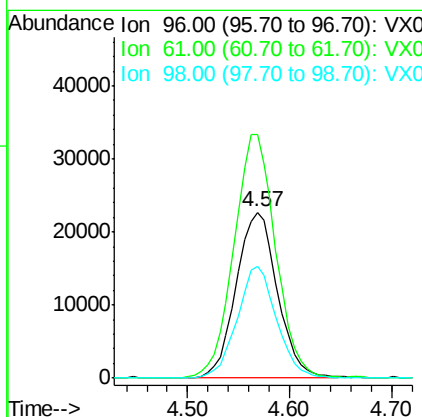
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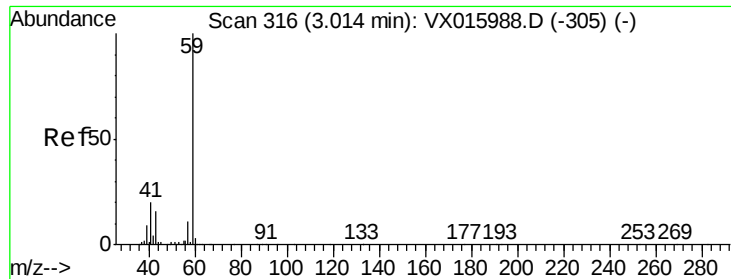
MMDadoda
 5/4/2020 3:10:30 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.008 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion:	96	Resp:	63180
Ion Ratio	Lower	Upper	
96	100		
61	148.6	121.6	182.4
98	65.0	51.9	77.9





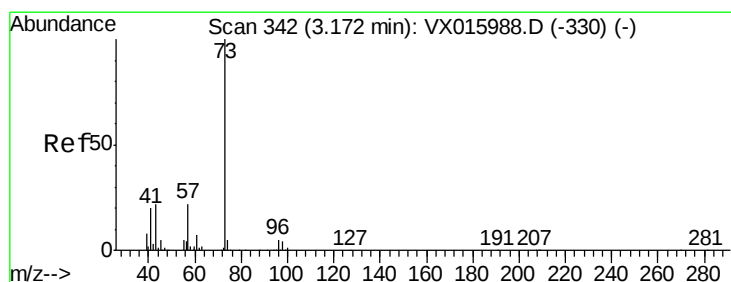
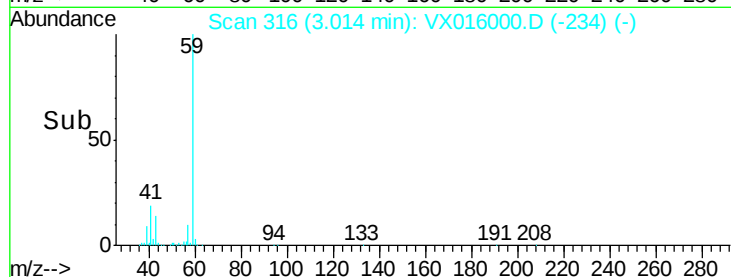
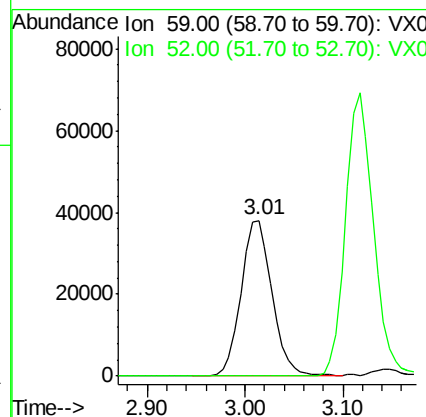
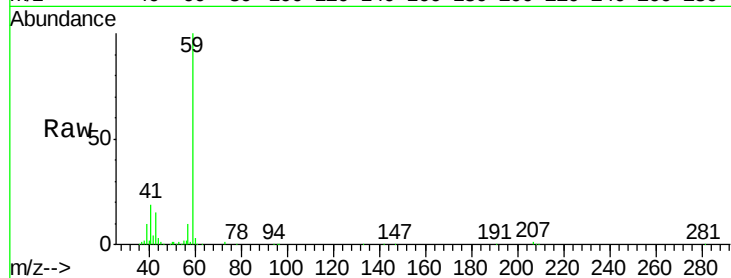
#23
tert-Butyl Alcohol
Concen: 94.032 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

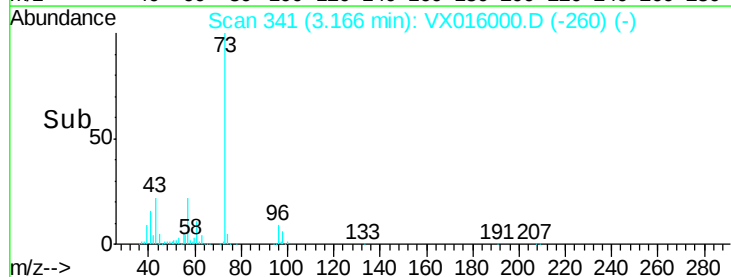
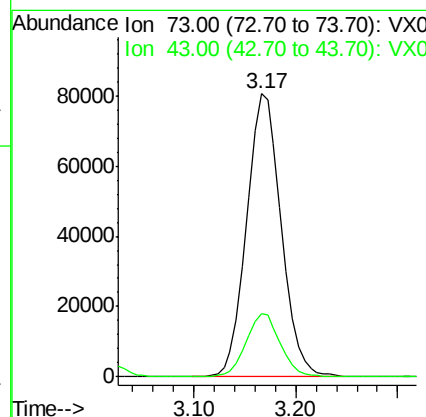
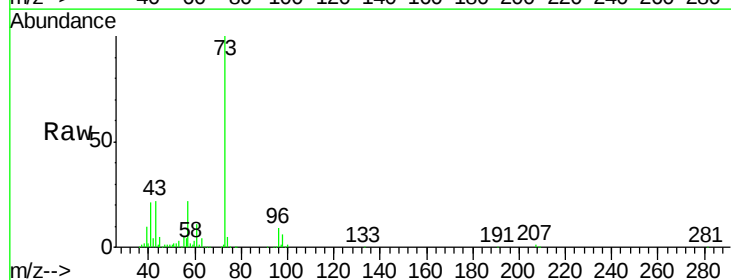
Manual Integrations
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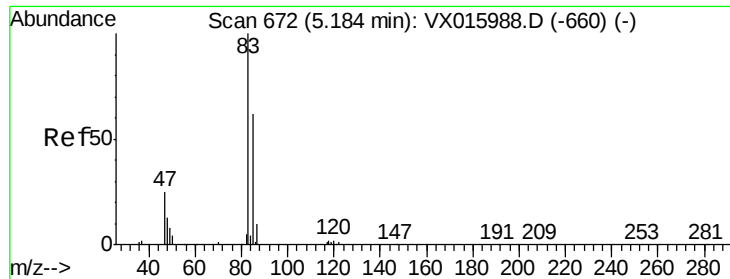
MMDadoda
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#24
Methyl tert-Butyl Ether
Concen: 18.610 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.8	26.6





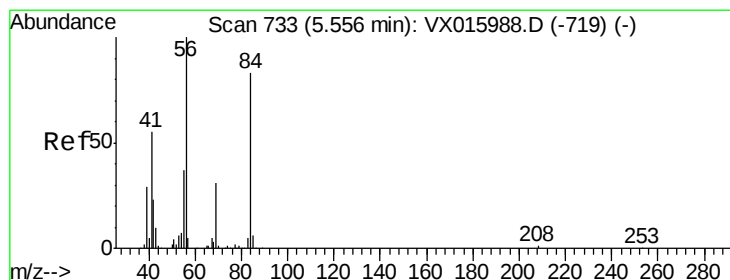
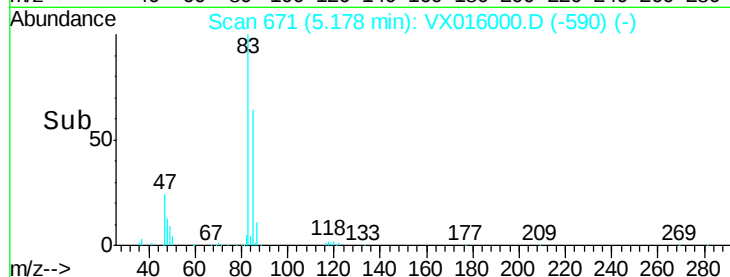
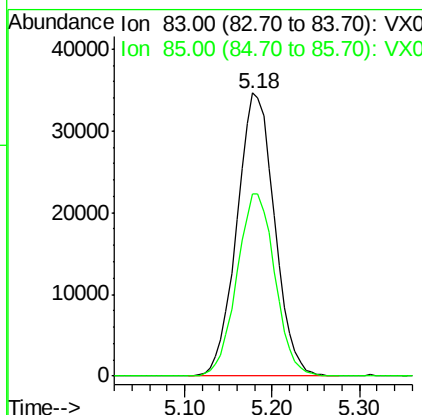
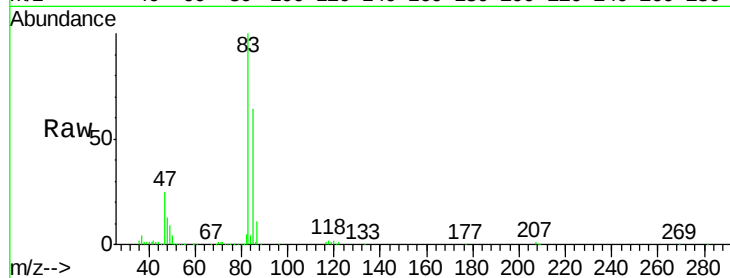
#25
Chloroform
Concen: 18.148 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	103905
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	49.6	74.4

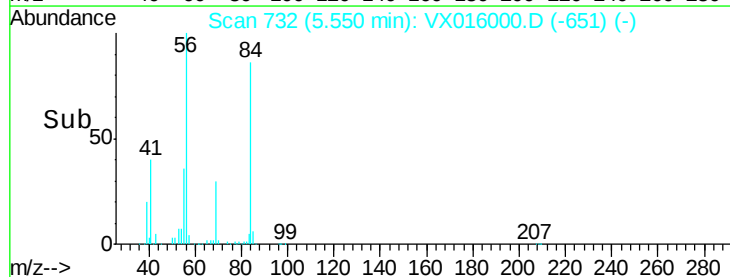
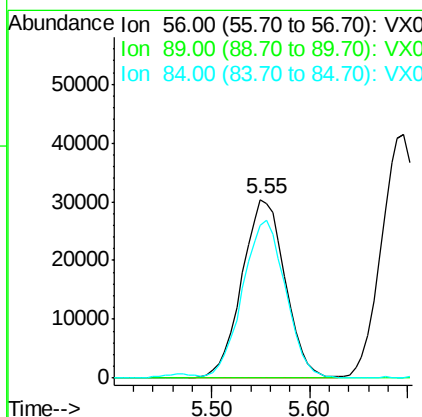
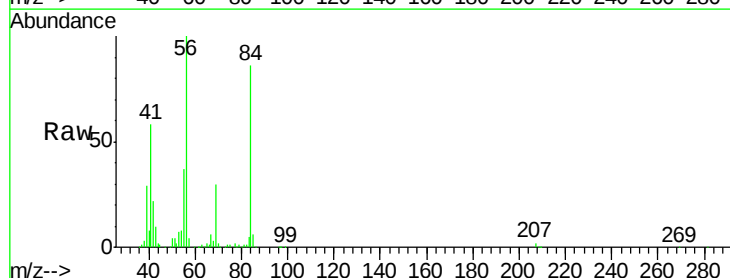
Manual Integrations
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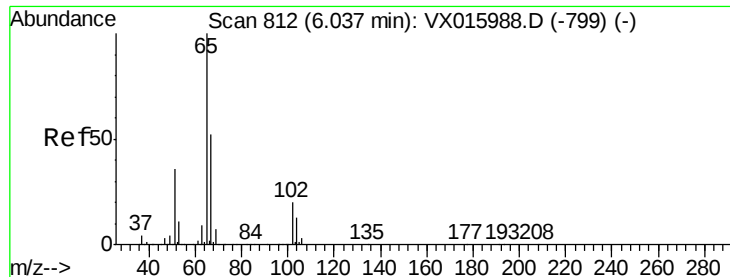
MMDadoda
5/4/2020 3:10:30 PM



#26
Cyclohexane
Concen: 18.068 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	56	Resp	93143
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	88.4	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 30.514 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 115845

Ion Ratio Lower Upper

65 100

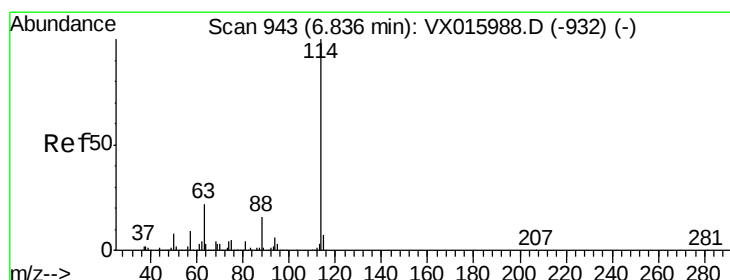
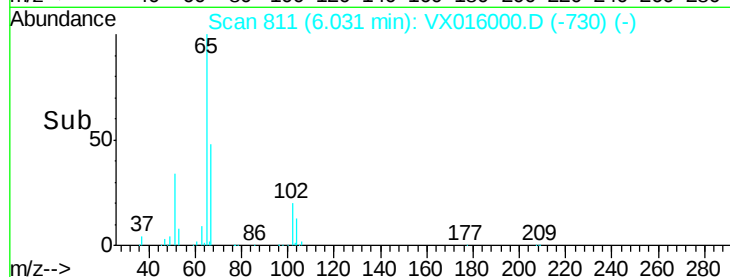
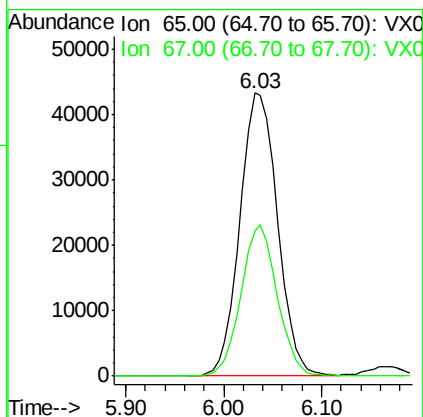
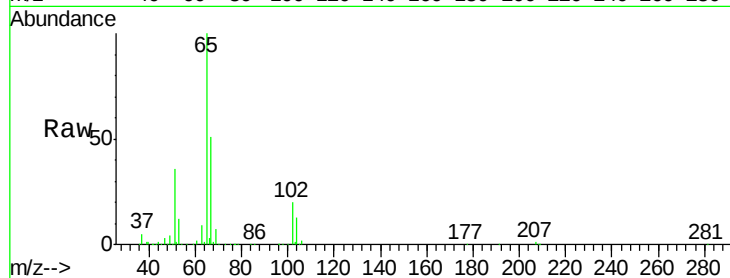
67 51.4 41.0 61.4

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

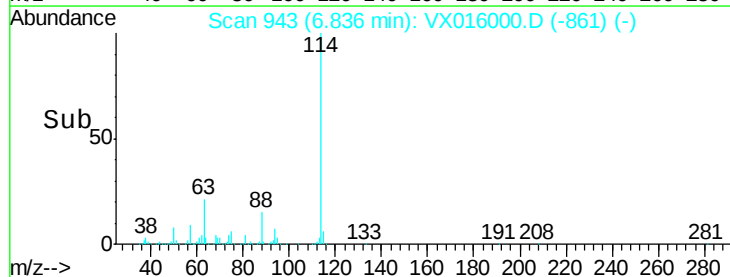
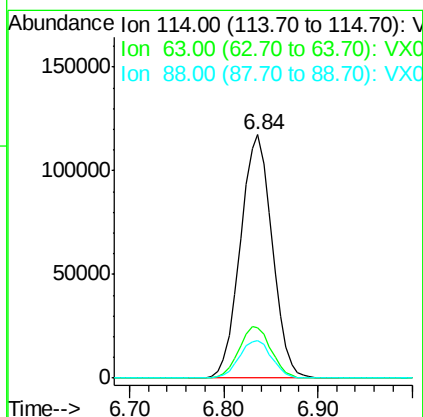
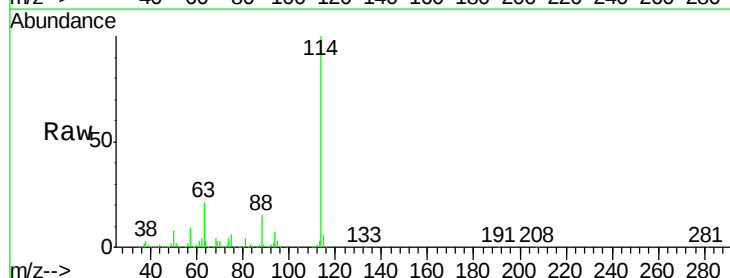
Tgt Ion: 114 Resp: 276088

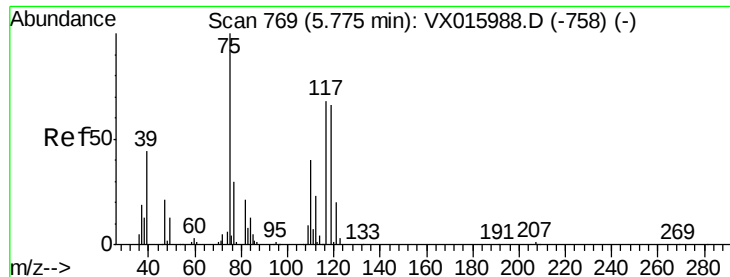
Ion Ratio Lower Upper

114 100

63 21.5 17.1 25.7

88 15.9 13.0 19.4





#29

1,1-Dichloropropene

Concen: 17.829 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

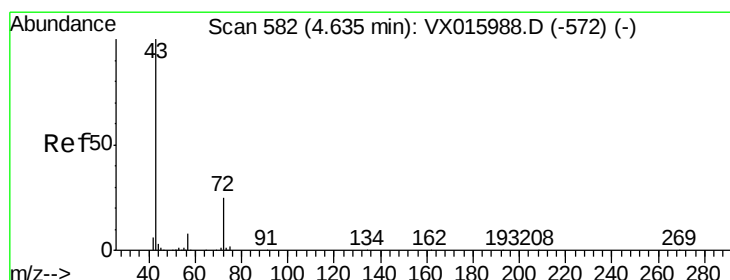
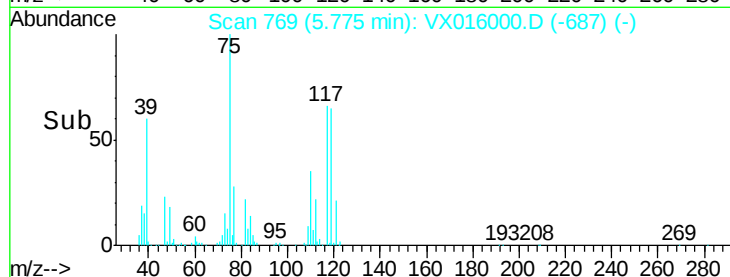
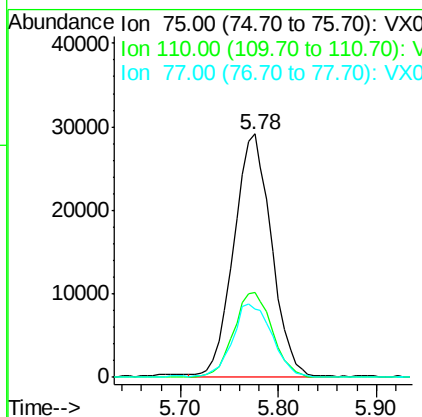
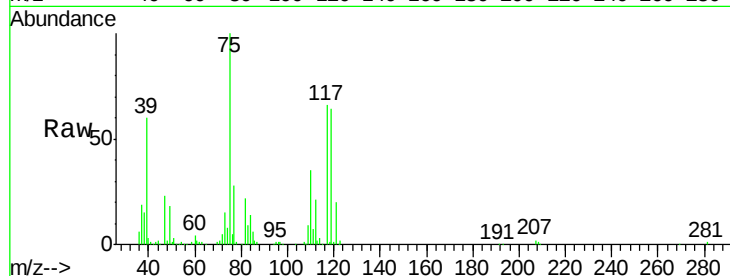
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	77416
Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	71.0
77	31.9	0.0	64.2

Manual Integrations
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#30

2-Butanone

Concen: 94.360 ug/l

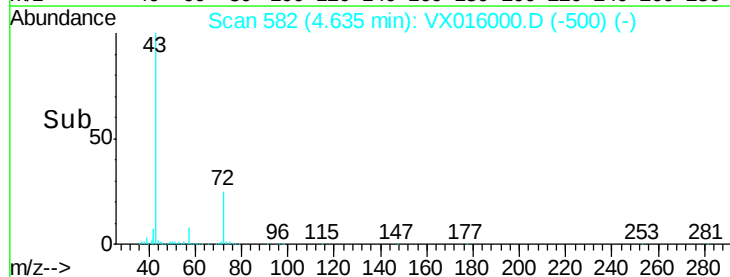
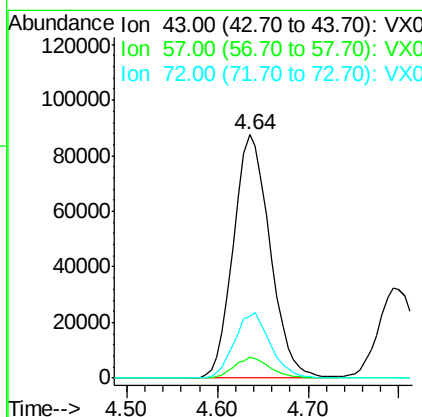
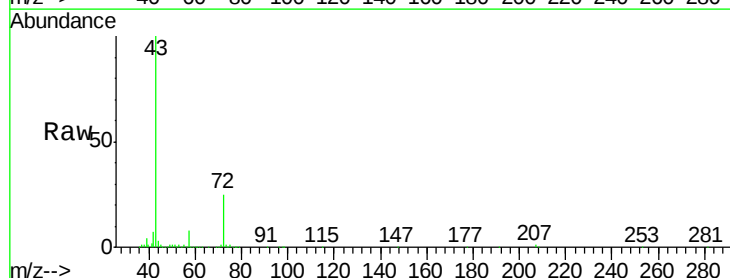
RT: 4.64 min Scan# 582

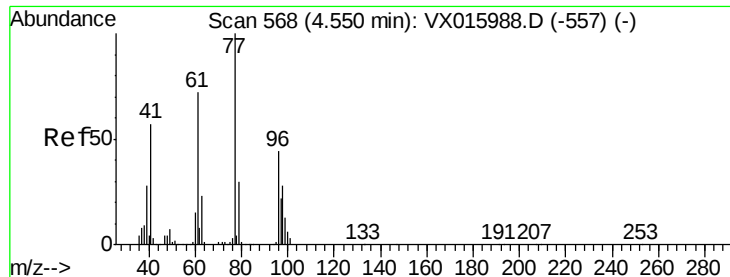
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	43	Resp:	244144
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.3	9.5
72	26.6	20.8	31.2





#31

2,2-Dichloropropane

Concen: 17.370 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 90774

Ion Ratio Lower Upper

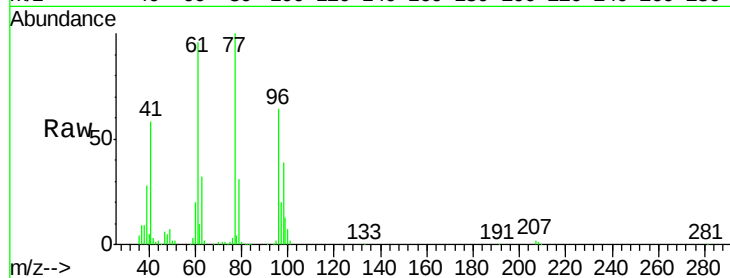
77 100

97 21.6 17.8 26.8

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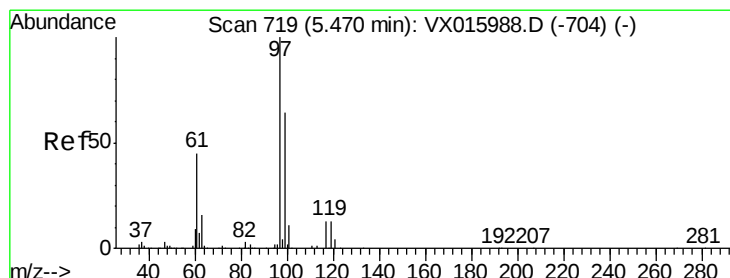
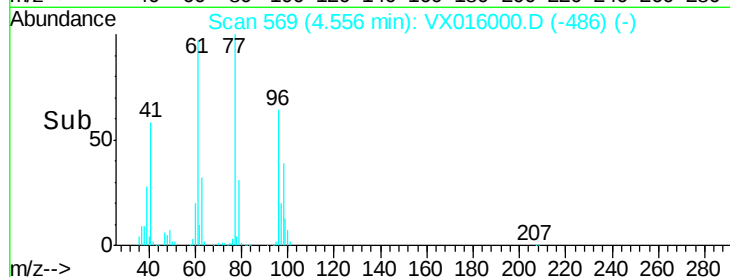
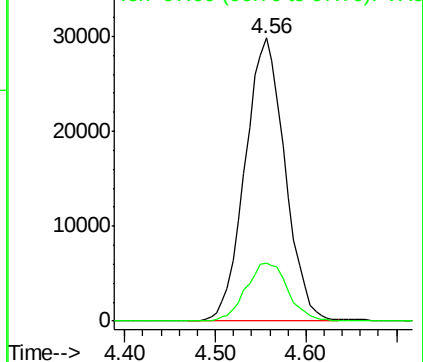
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.157 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

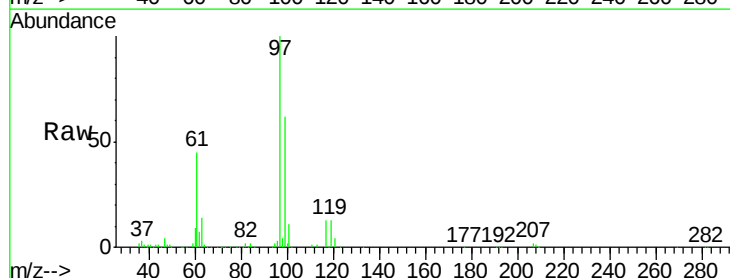
Tgt Ion: 97 Resp: 95642

Ion Ratio Lower Upper

97 100

99 63.9 50.7 76.1

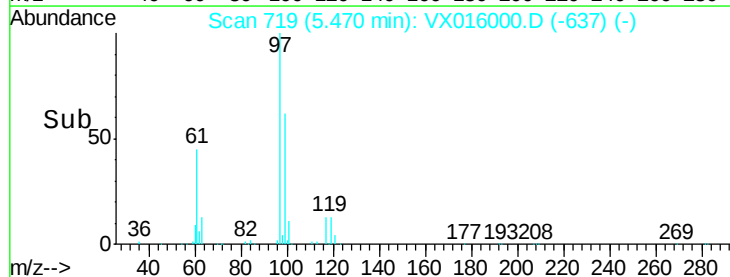
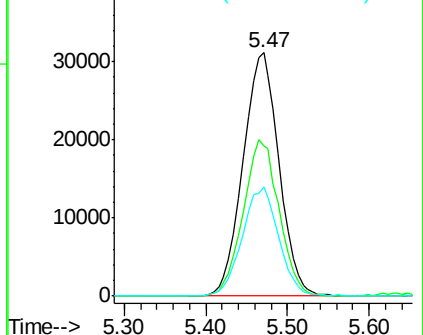
61 45.1 35.9 53.9

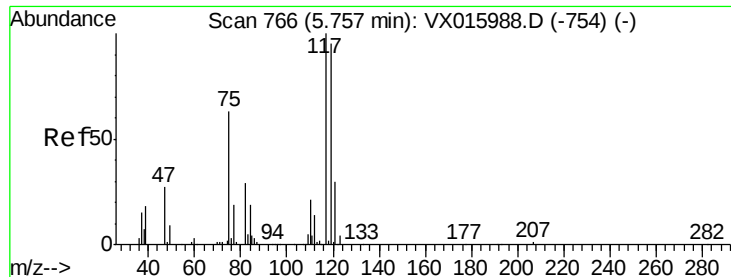


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.126 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

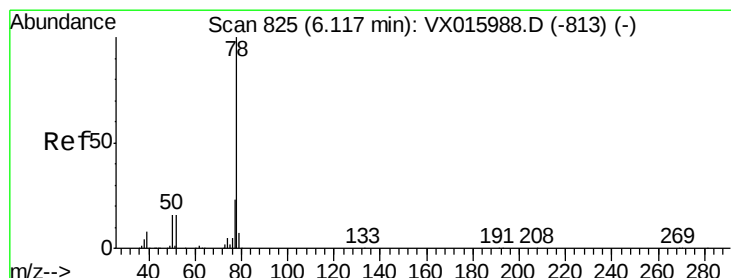
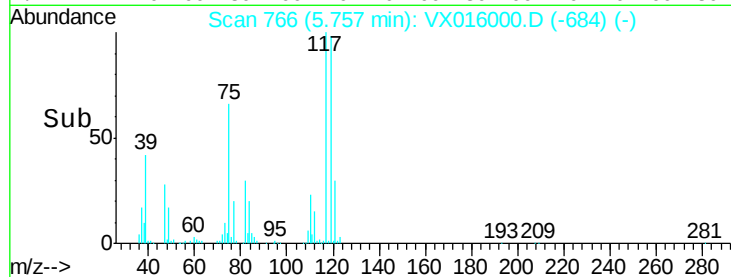
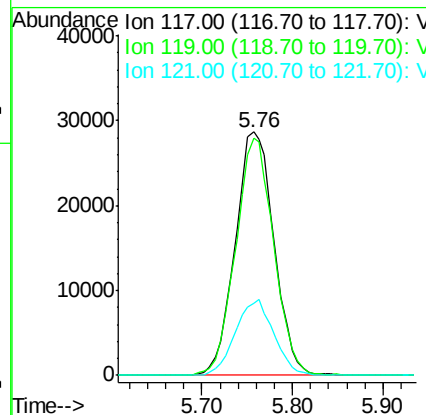
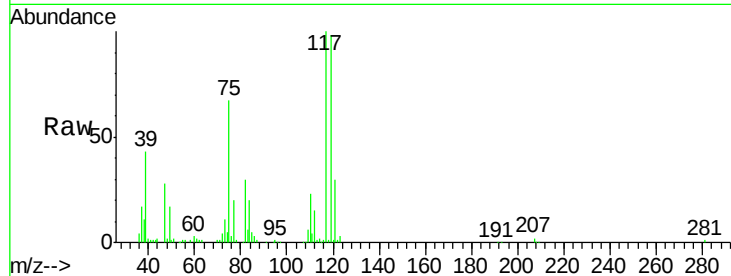
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	85011
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.3	114.5
121	29.8	24.2	36.4

Manual Integrations
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#34

Benzene

Concen: 18.068 ug/l

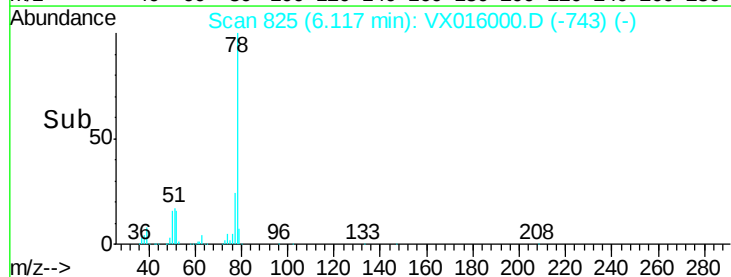
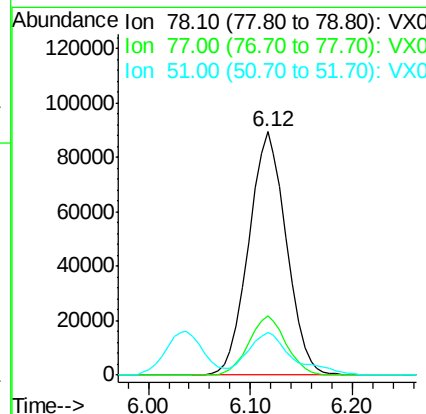
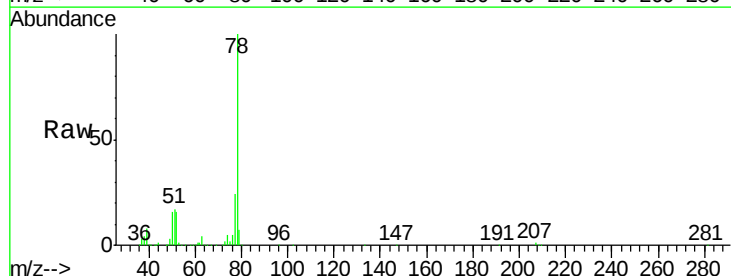
RT: 6.12 min Scan# 825

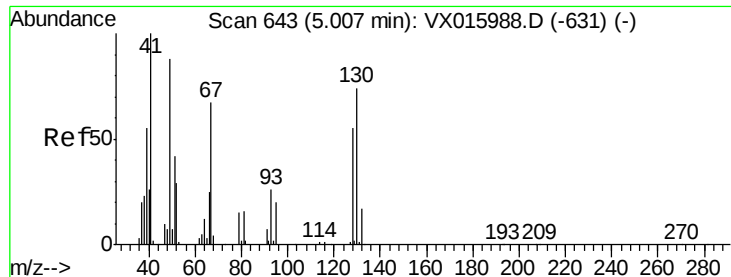
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	78	Resp:	229163
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1
51	16.1	12.7	19.1





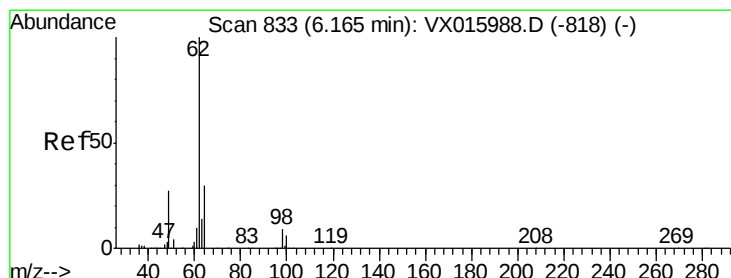
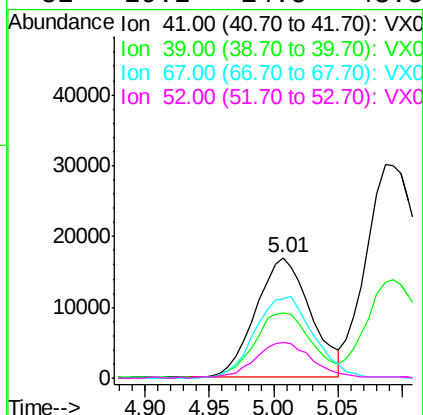
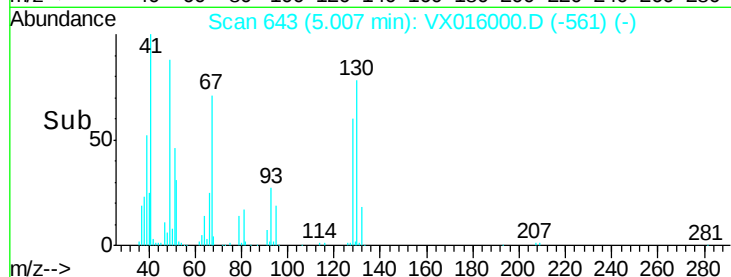
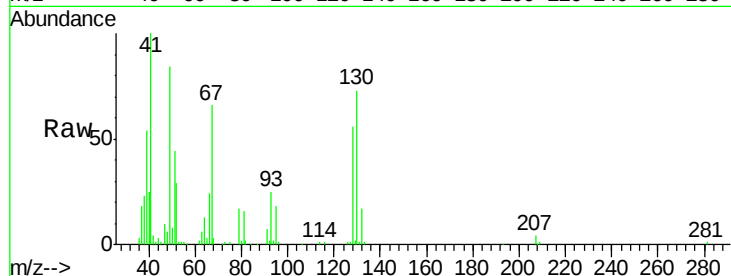
#35
Methacrylonitrile
Concen: 18.319 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	27.5	82.4	
67	66.6	33.6	100.6	
52	29.2	14.5	43.5	

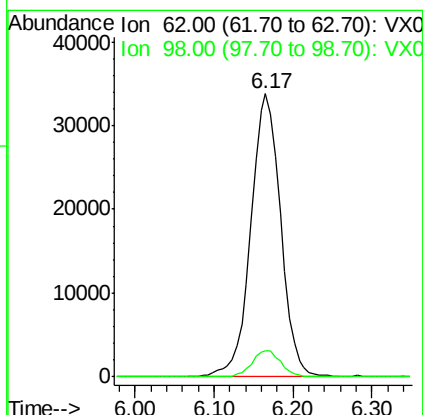
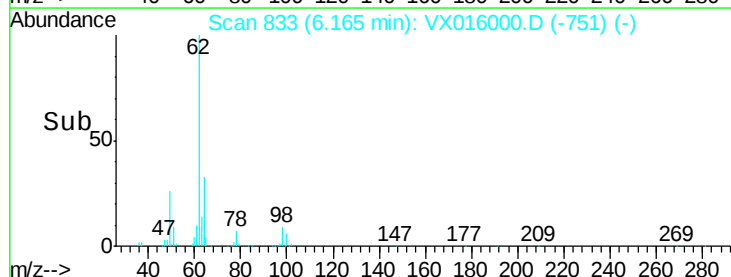
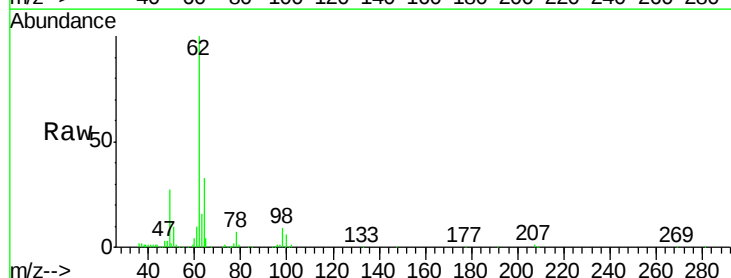
Manual Integrations
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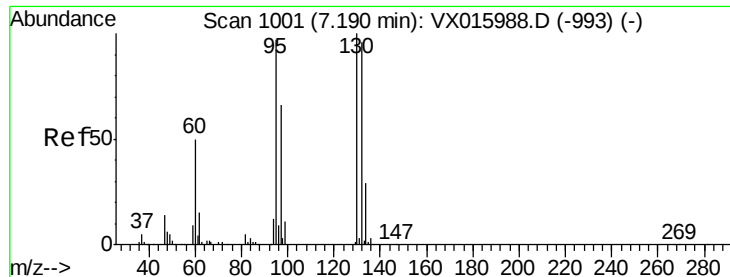
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.360 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	7.4	11.2	





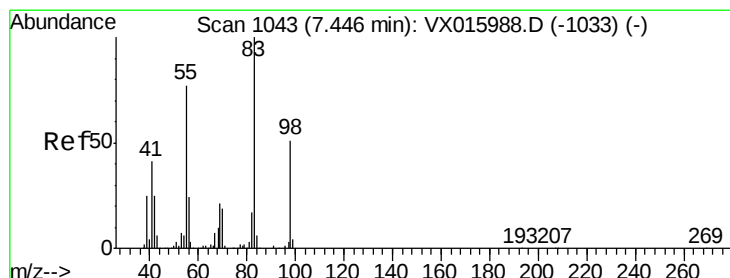
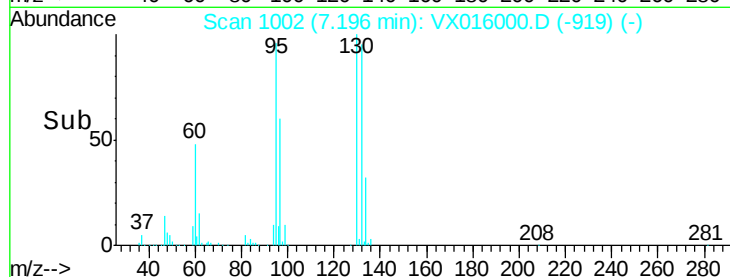
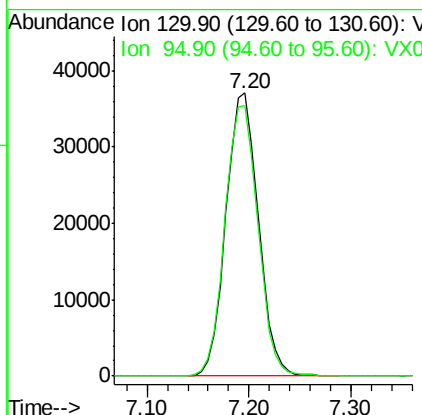
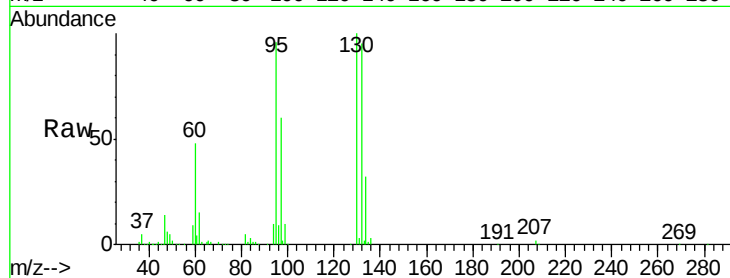
#37
 Trichloroethene
 Concen: 18.156 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 81916
 Ion Ratio Lower Upper
 130 100
 95 95.3 77.8 116.8

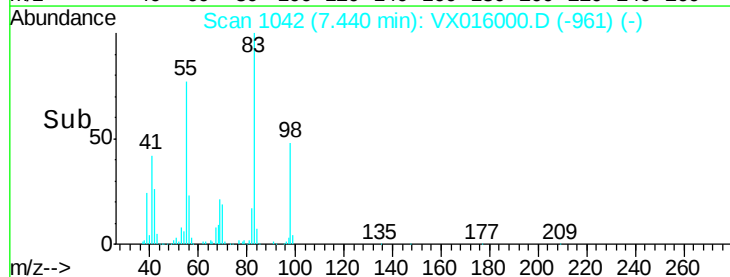
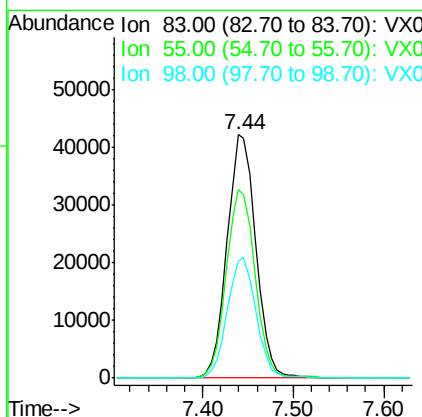
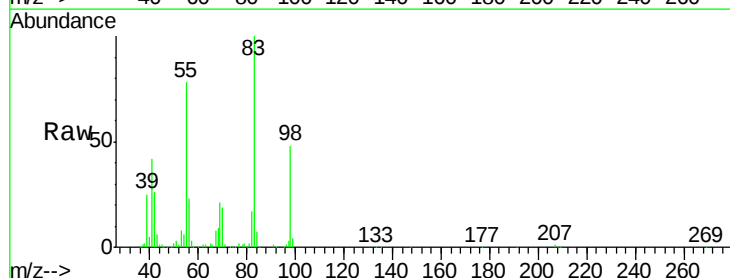
Manual Integrations
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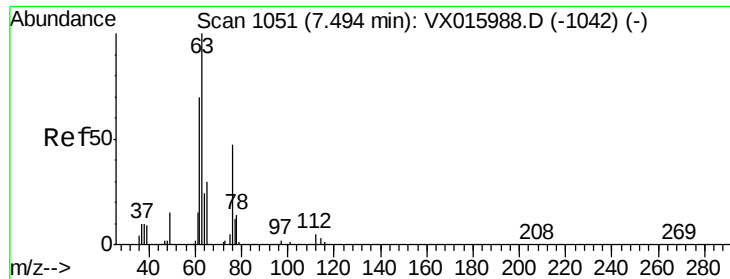
MMDadoda
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#38
 Methylcyclohexane
 Concen: 17.569 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion: 83 Resp: 93229
 Ion Ratio Lower Upper
 83 100
 55 76.9 38.8 116.4
 98 48.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.049 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 58763

Ion Ratio Lower Upper

63 100

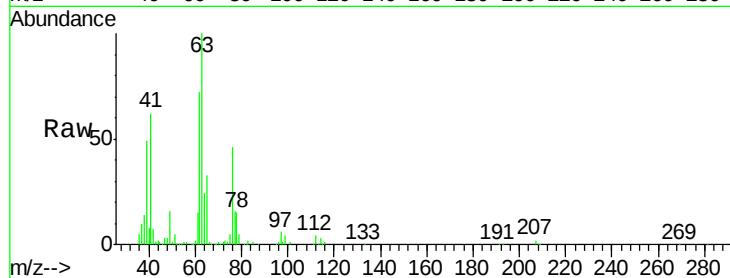
65 32.6 25.9 38.9

Manual Integrations

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

30000

20000

10000

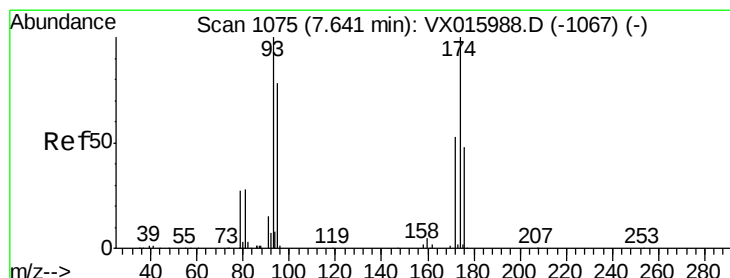
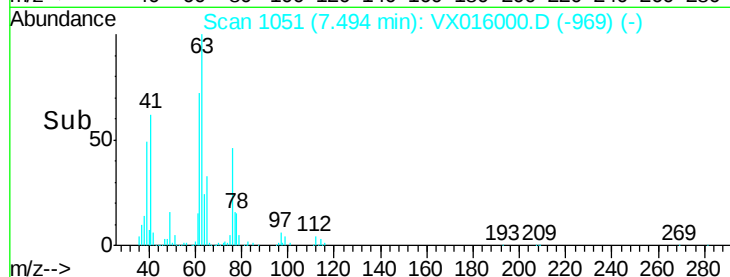
0

Time-->

7.40

7.50

7.60



#40

Dibromomethane

Concen: 17.918 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

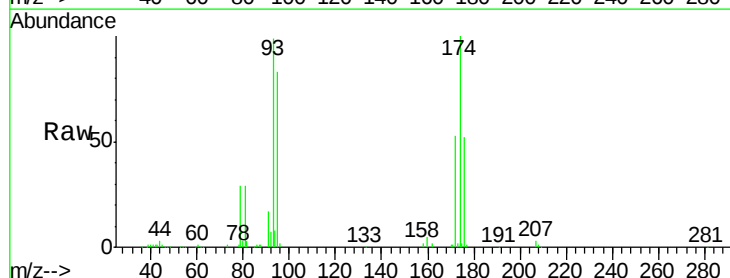
Tgt Ion: 93 Resp: 40507

Ion Ratio Lower Upper

93 100

95 82.8 0.0 162.8

174 104.0 0.0 204.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

7.64

30000

25000

20000

15000

10000

5000

0

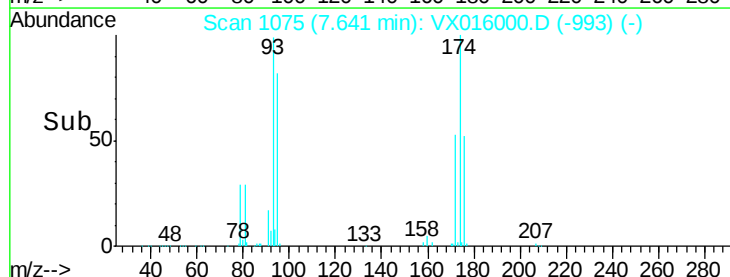
Time-->

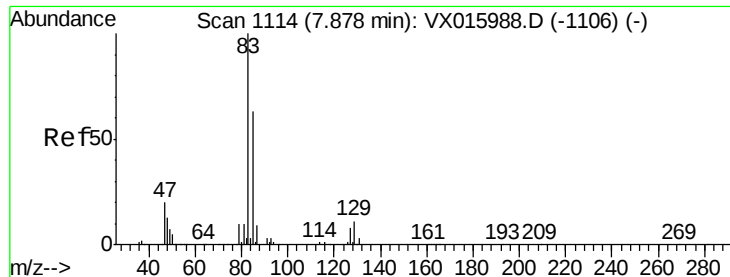
7.55

7.60

7.65

7.70





#41

Bromodichloromethane

Concen: 17.700 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

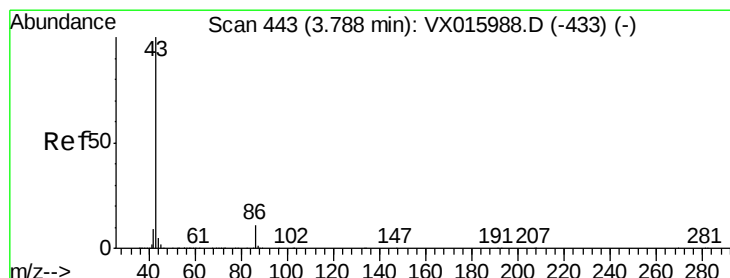
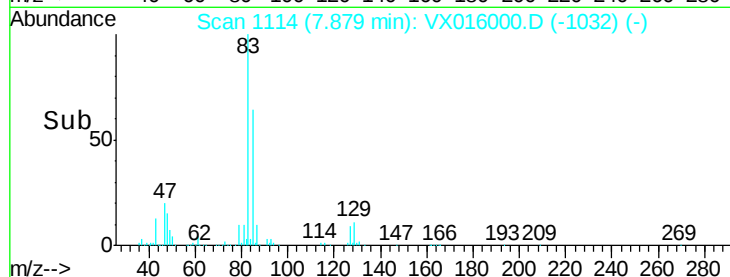
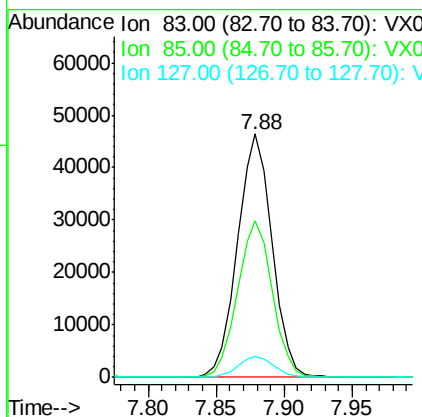
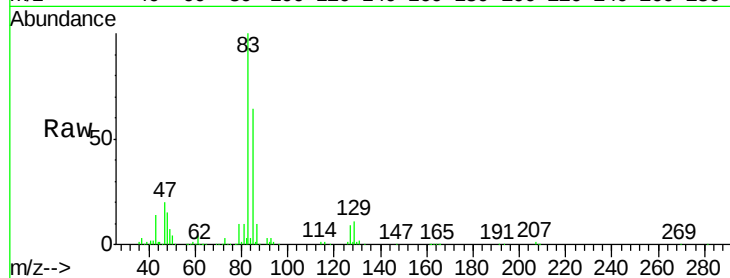
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	82492
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.4	75.6
127	8.6	6.7	10.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 90.304 ug/l

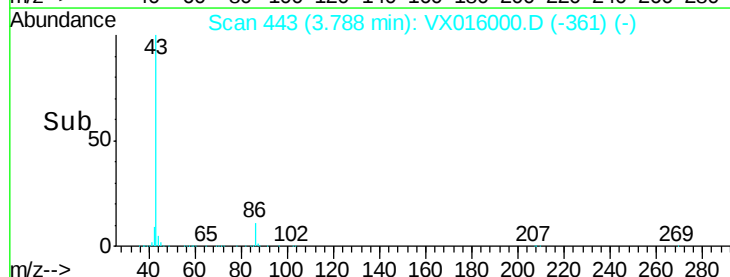
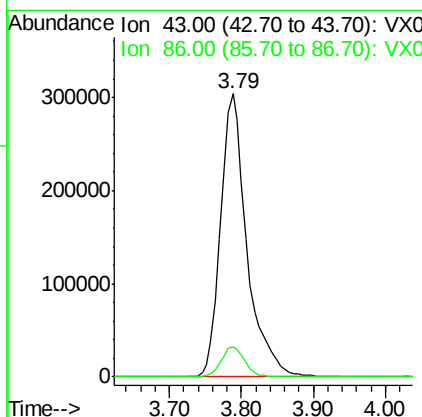
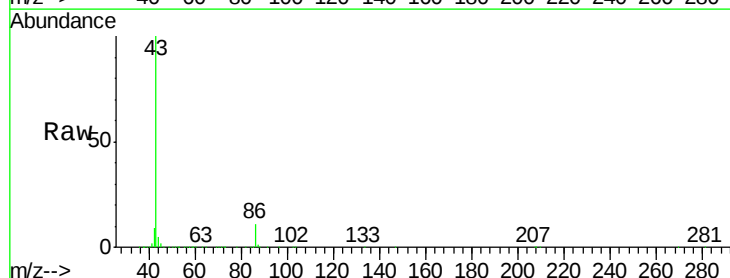
RT: 3.79 min Scan# 443

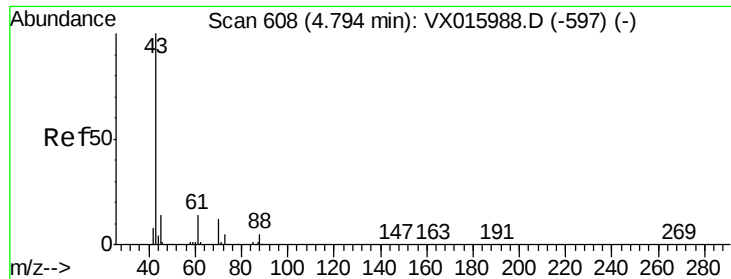
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	43	Resp:	772996
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.7	11.5





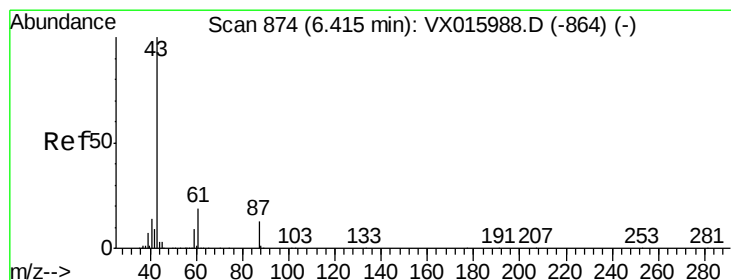
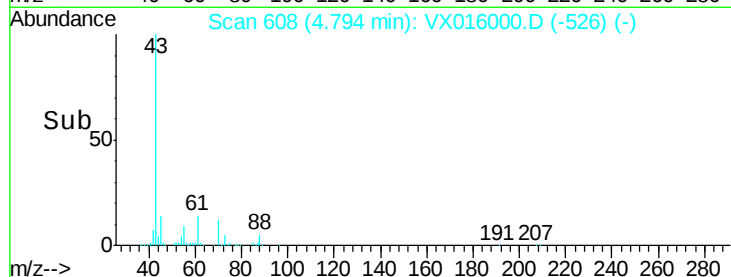
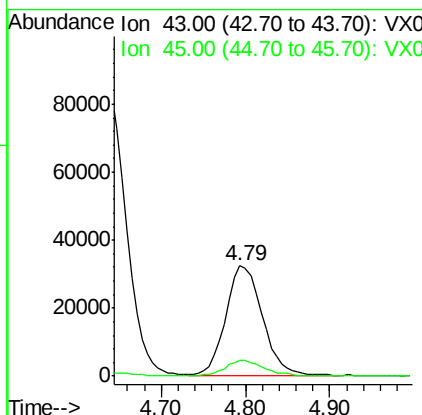
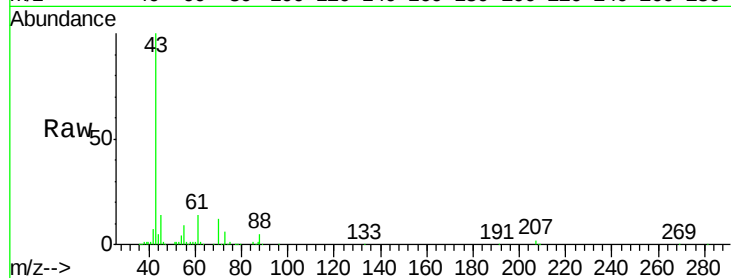
#43
Ethyl Acetate
Concen: 18.844 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.9	11.9	17.9	

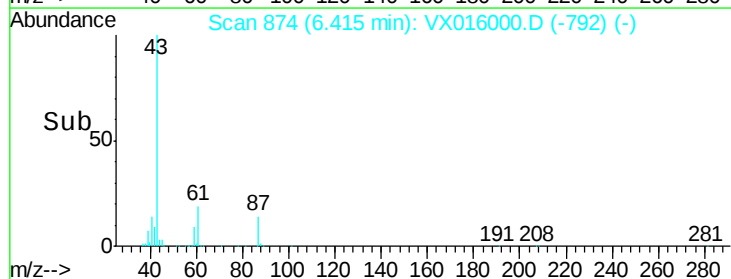
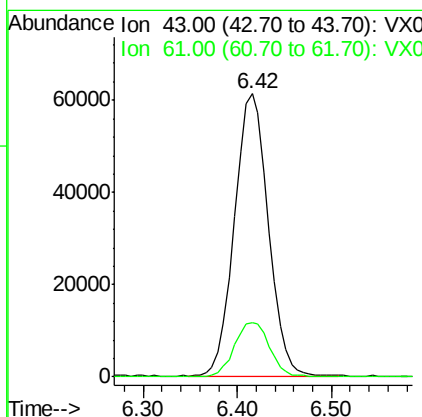
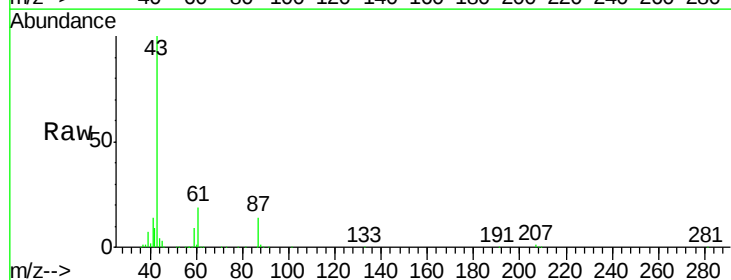
Manual Integrations
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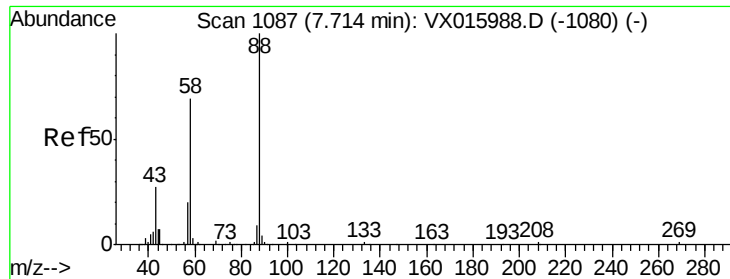
MMDadoda
5/4/2020 3:10:30 PM



#44
Isopropyl Acetate
Concen: 18.521 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	20.2	16.1	24.1	





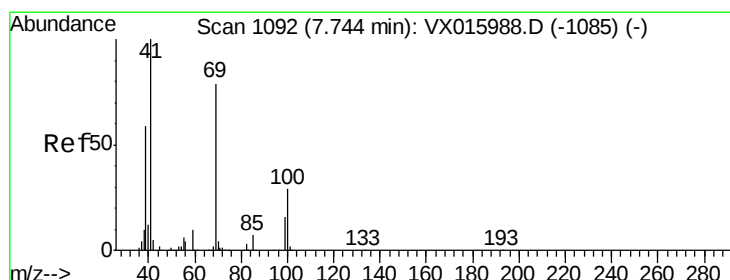
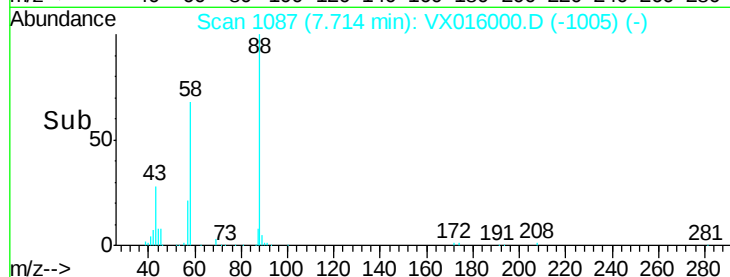
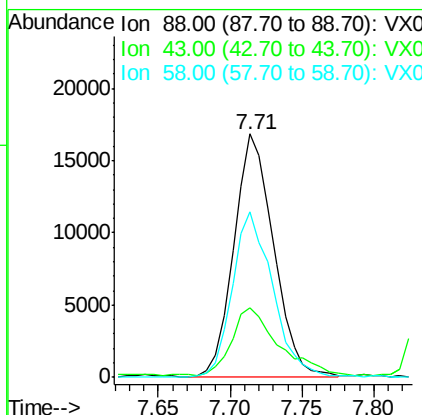
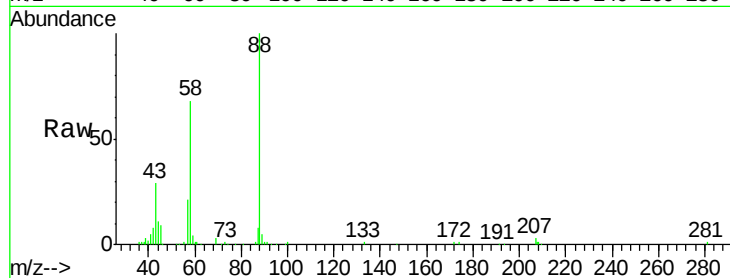
#45
1,4-Dioxane
Concen: 366.301 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.3	39.5
58	69.8	57.0	85.6

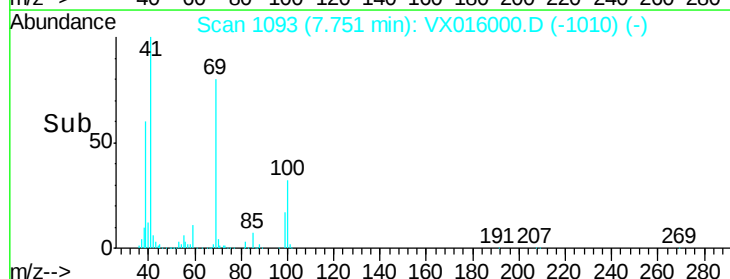
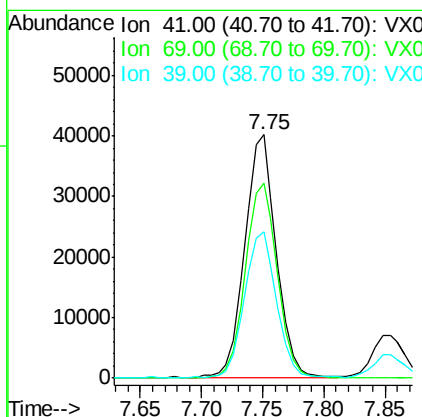
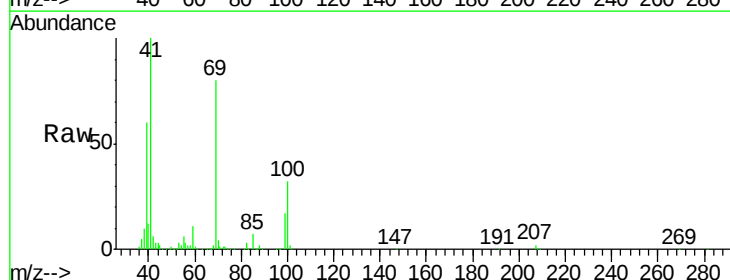
Manual Integrations
APPROVED

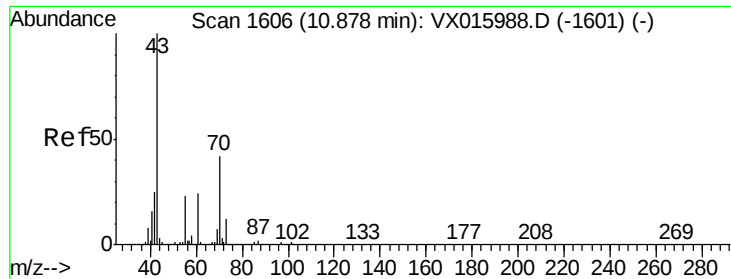
MMDadoda
5/4/2020 3:10:30 PM



#46
Methyl methacrylate
Concen: 18.085 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.4	39.5	118.5
39	59.9	29.6	88.9





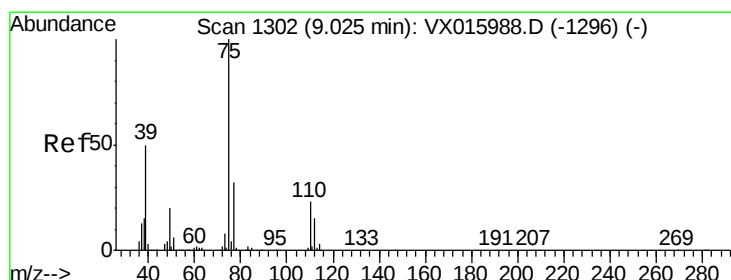
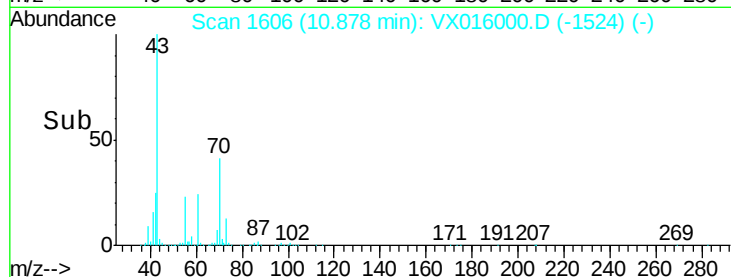
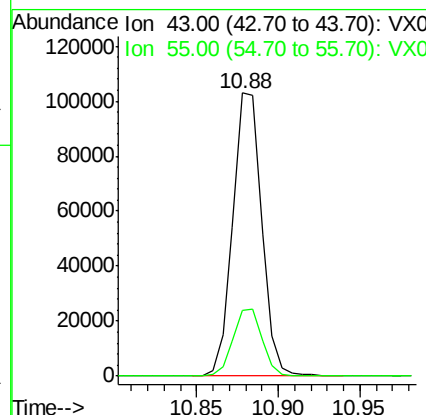
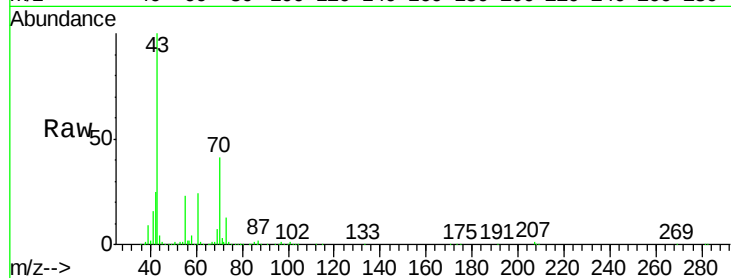
#47
n-amvl Acetate
Concen: 17.477 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.1	19.0	28.4

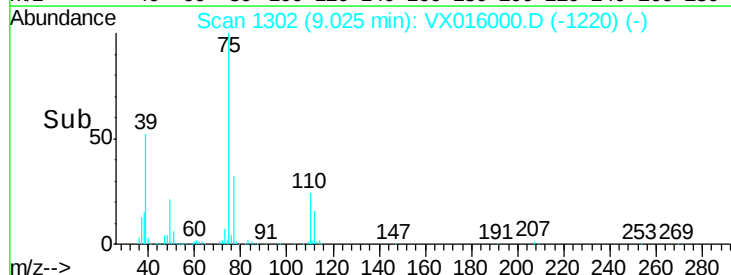
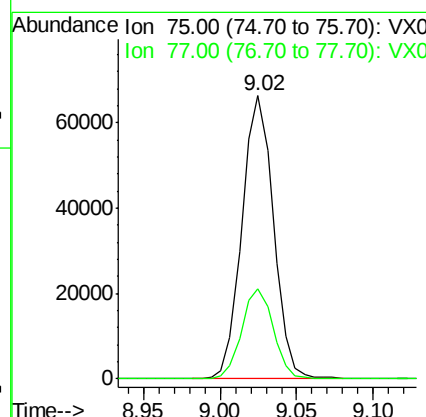
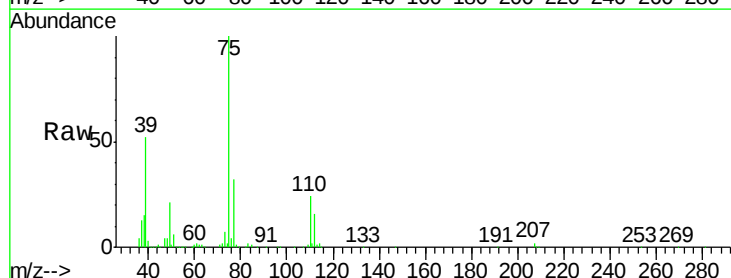
Manual Integrations
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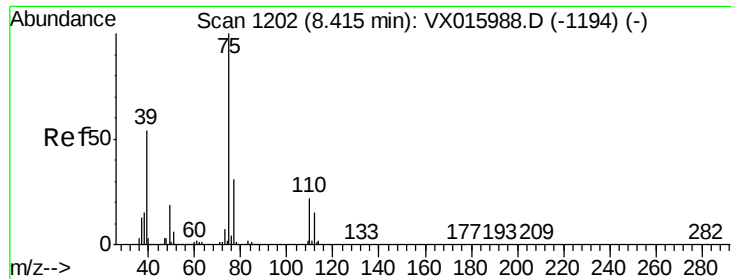
MMDadoda
5/4/2020 3:10:30 PM



#48
t-1,3-Dichloropropene
Concen: 17.553 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.8





#49

cis-1,3-Dichloropropene

Concen: 17.839 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

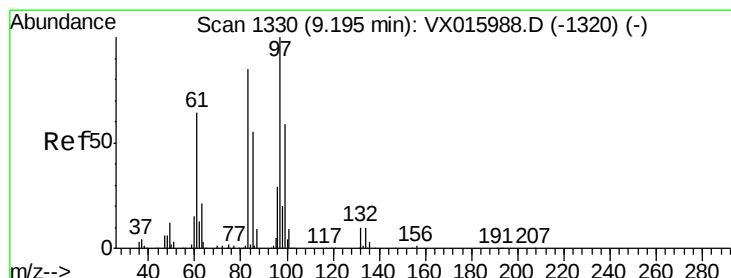
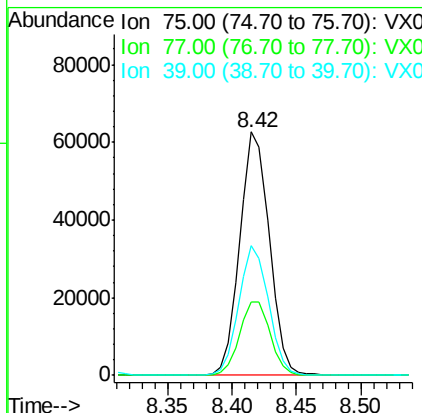
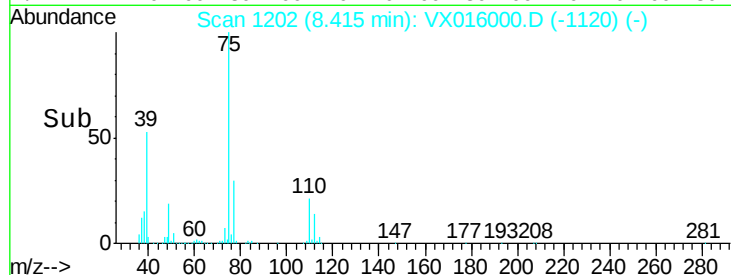
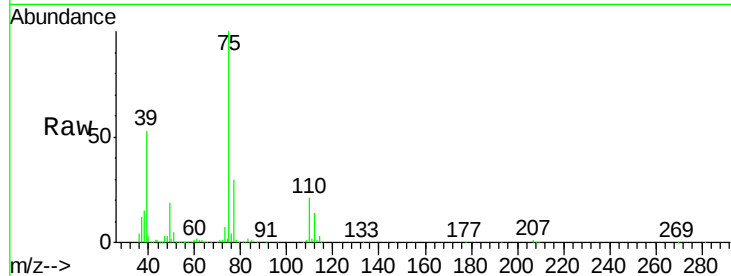
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	99749
Ion Ratio	Lower	Upper	
75	100		
77	30.4	25.0	37.6
39	53.0	43.2	64.8

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.003 ug/l

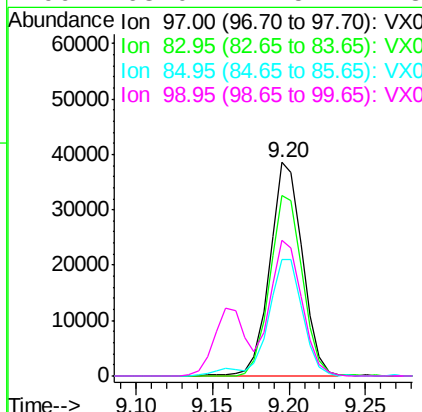
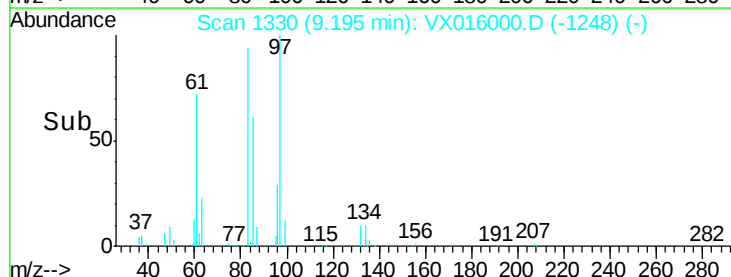
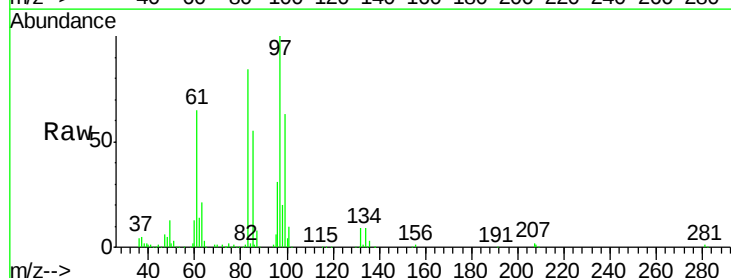
RT: 9.20 min Scan# 1330

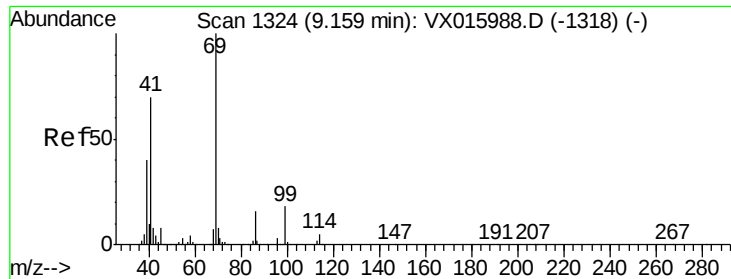
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	97	Resp:	57354
Ion Ratio	Lower	Upper	
97	100		
83	84.5	67.7	101.5
85	54.6	43.7	65.5
99	63.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.878 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

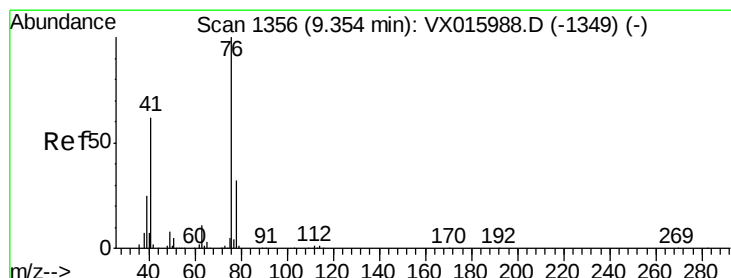
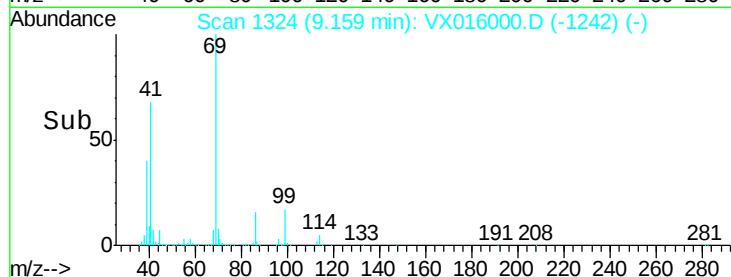
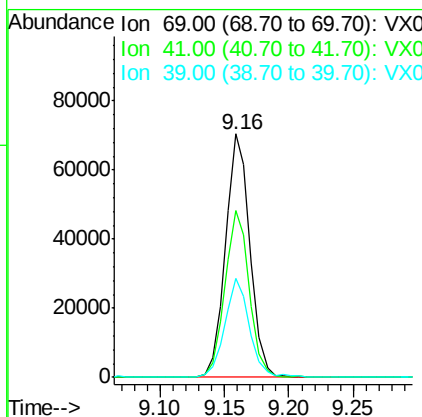
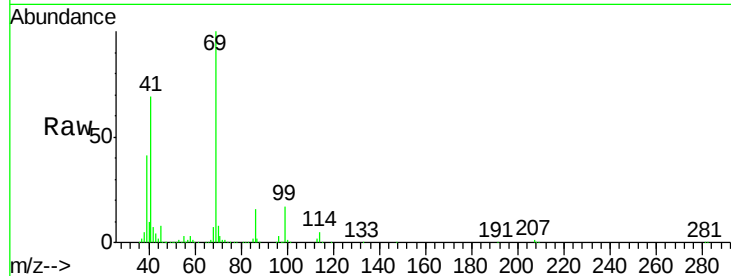
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	94050
Ion	Ratio	Lower	Upper
69	100		
41	68.6	34.8	104.4
39	40.4	19.8	59.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.161 ug/l

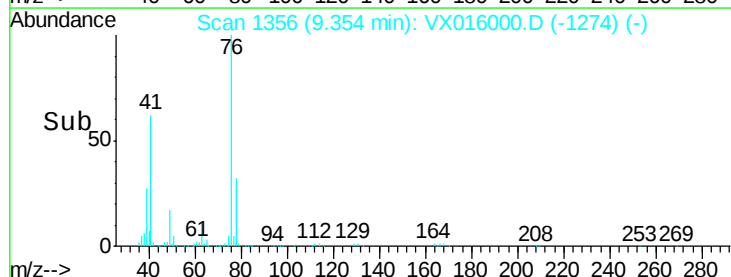
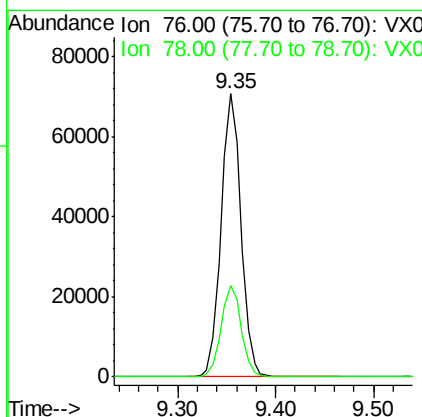
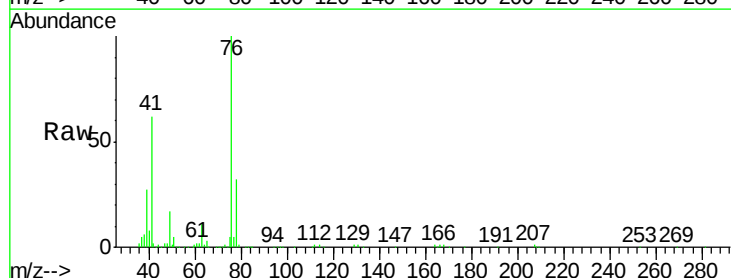
RT: 9.35 min Scan# 1356

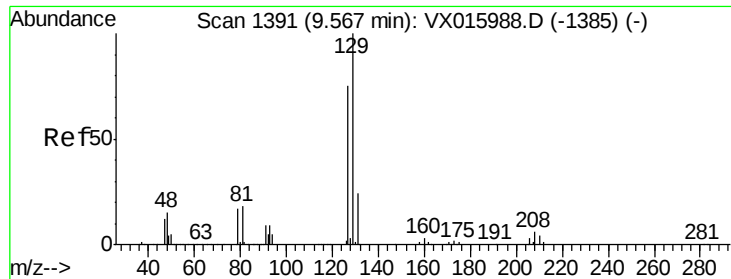
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	76	Resp:	100018
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	64.2





#53

Dibromochloromethane

Concen: 17.337 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 62837

Ion Ratio Lower Upper

129 100

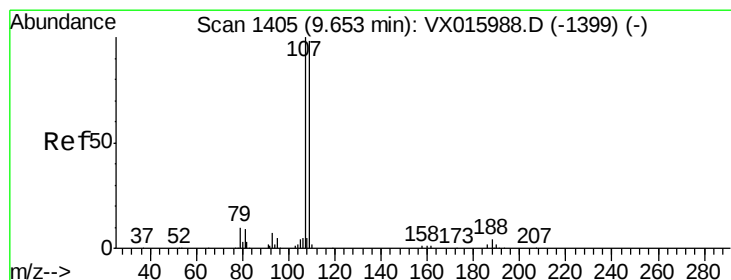
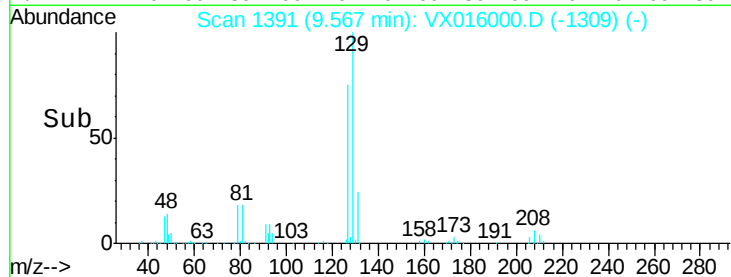
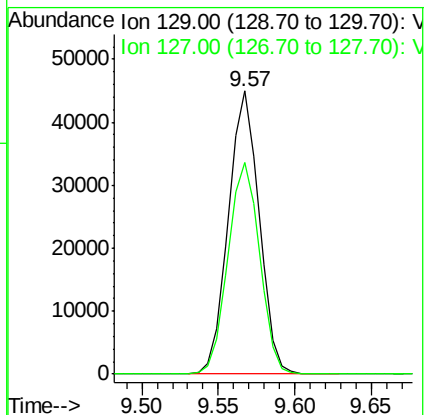
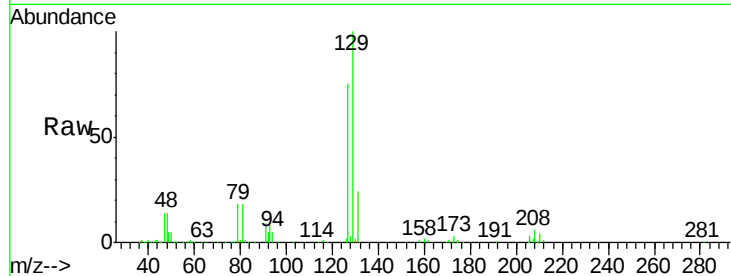
127 76.6 38.3 114.9

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 17.693 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016000.D

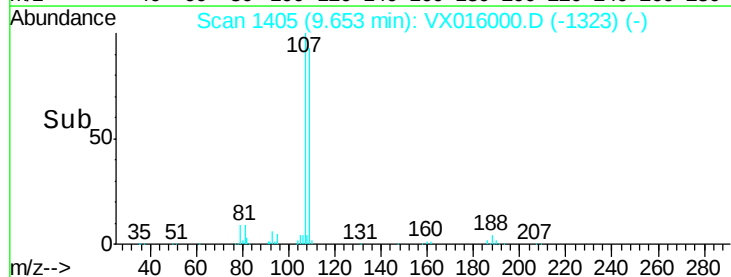
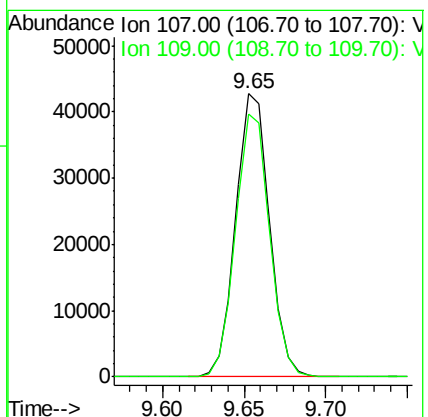
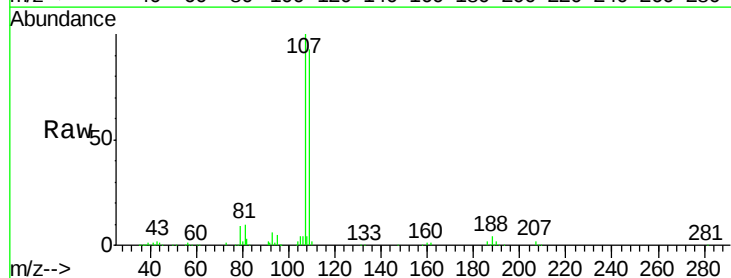
Acq: 30 Apr 2020 17:08

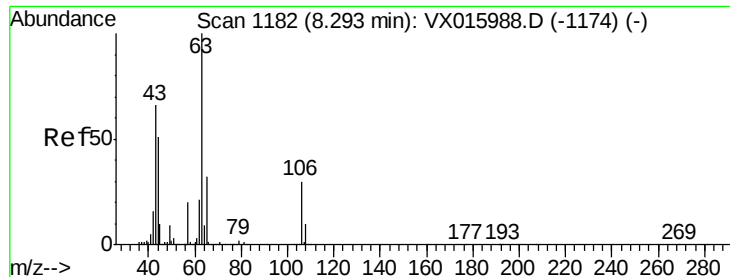
Tgt Ion:107 Resp: 61949

Ion Ratio Lower Upper

107 100

109 93.6 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 90.025 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 257648

Ion Ratio Lower Upper

63 100

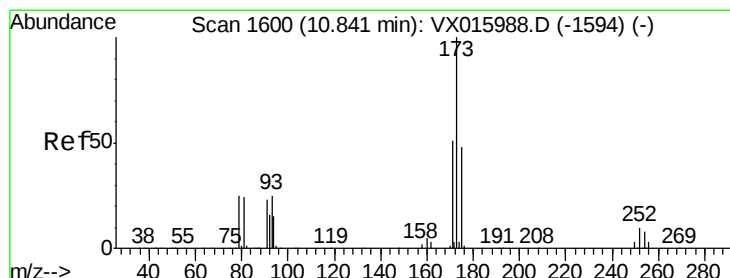
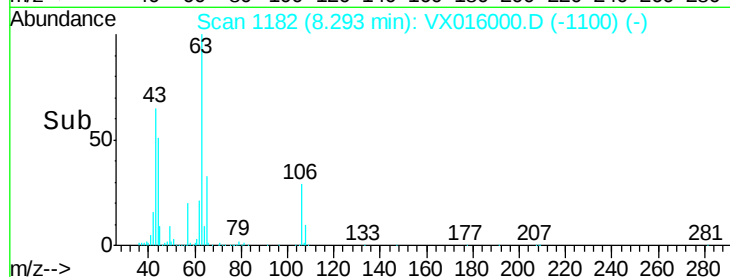
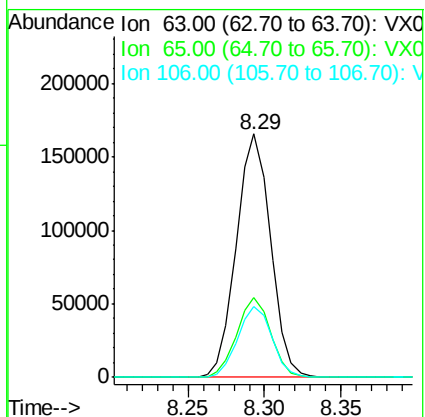
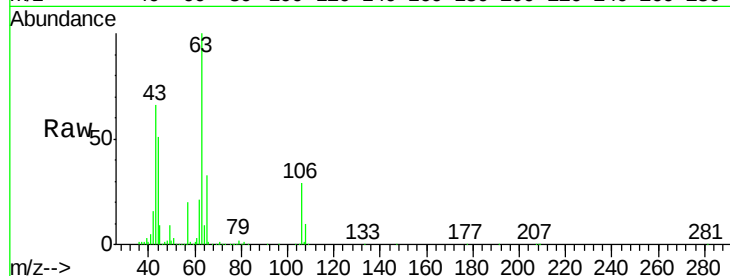
65 32.5 25.6 38.4

106 29.1 23.4 35.0

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#56

Bromoform

Concen: 16.402 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

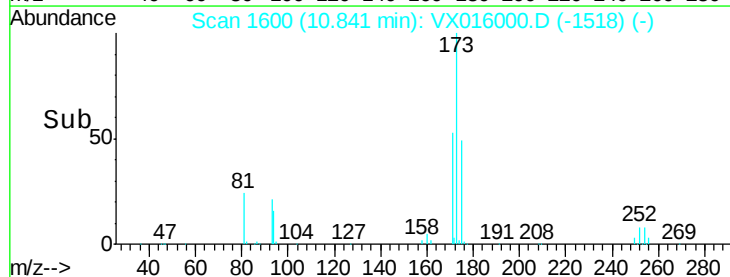
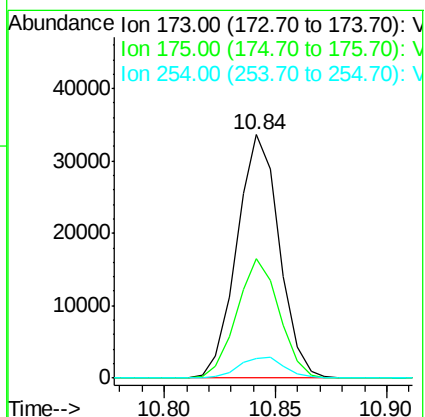
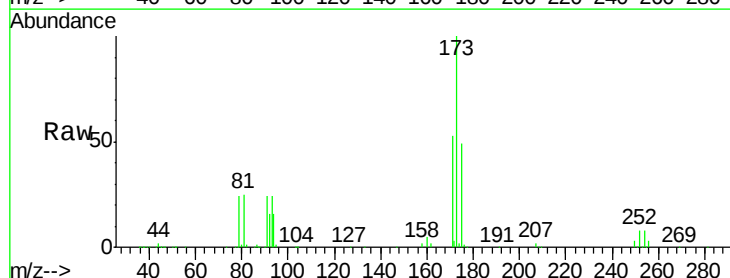
Tgt Ion:173 Resp: 44793

Ion Ratio Lower Upper

173 100

175 49.0 38.0 57.0

254 9.2 6.8 10.2





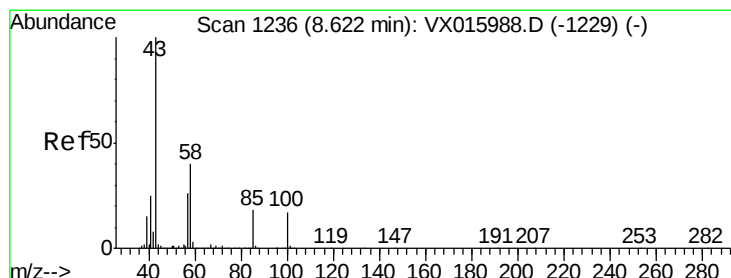
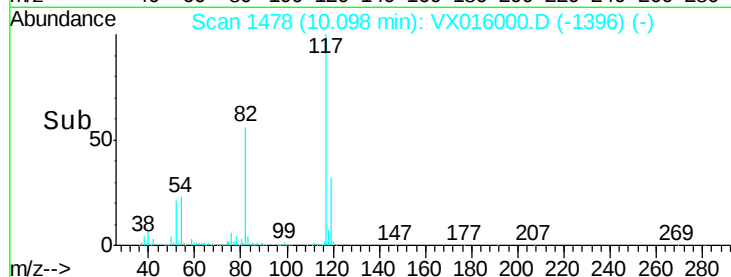
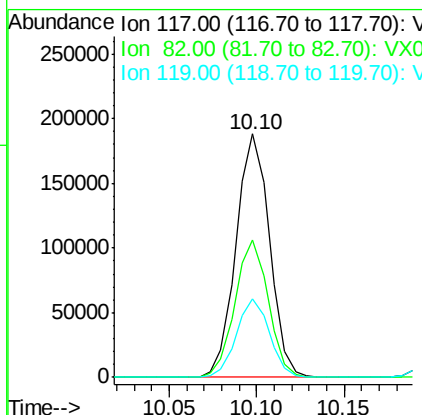
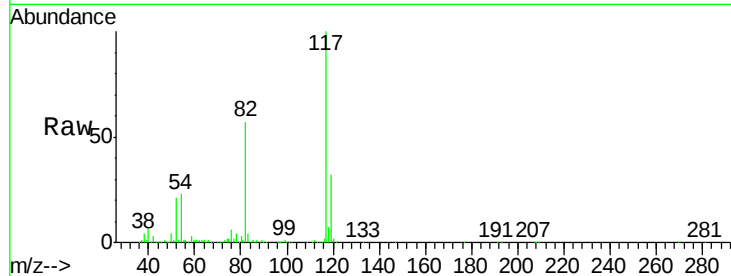
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.1	67.7
119	32.0	25.6	38.4

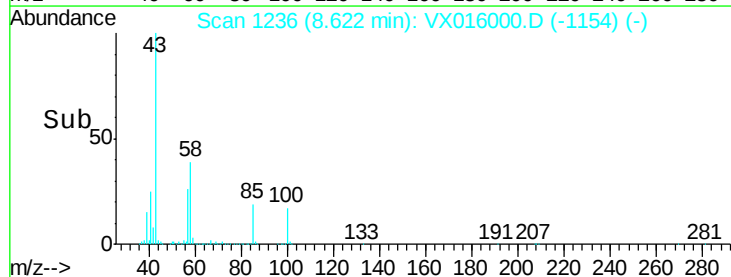
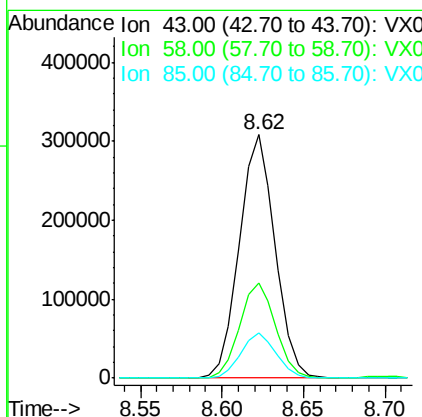
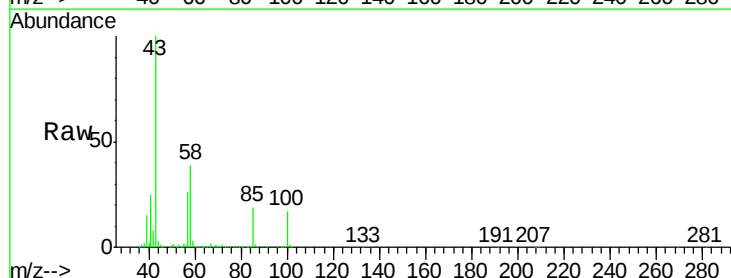
Manual Integrations
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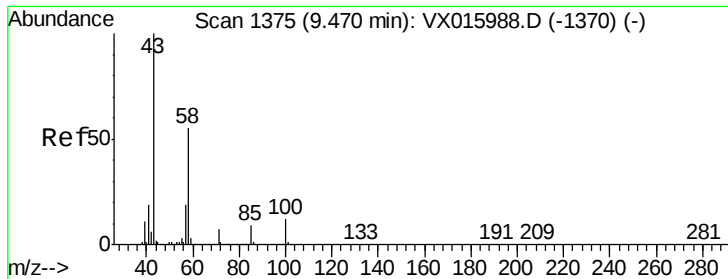
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.751 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.8	47.6
85	18.3	14.5	21.7





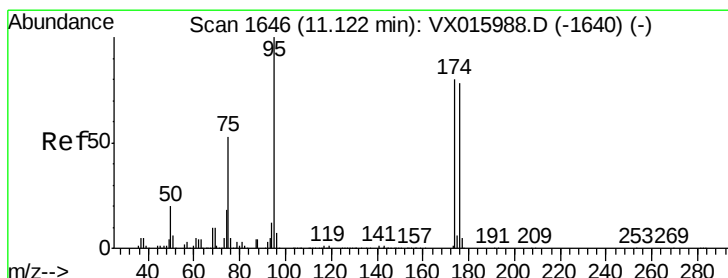
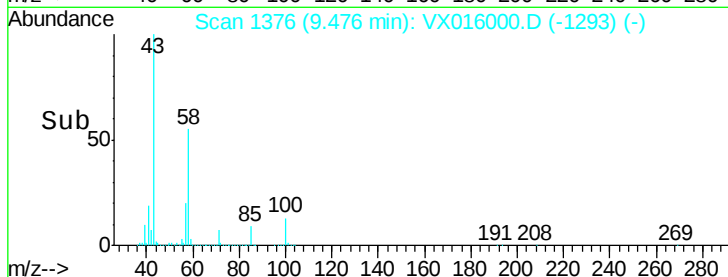
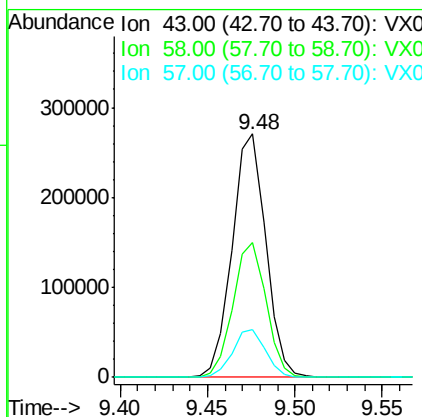
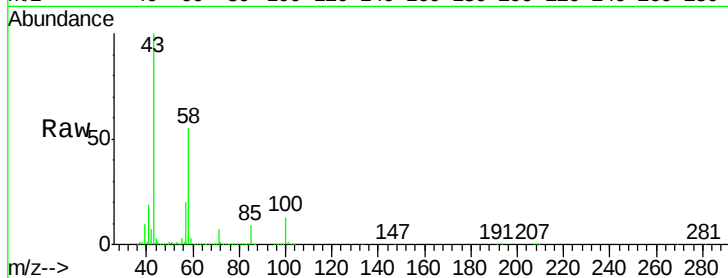
#59
2-Hexanone
Concen: 94.687 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	54.8	44.0	66.0	
57	19.4	15.5	23.3	

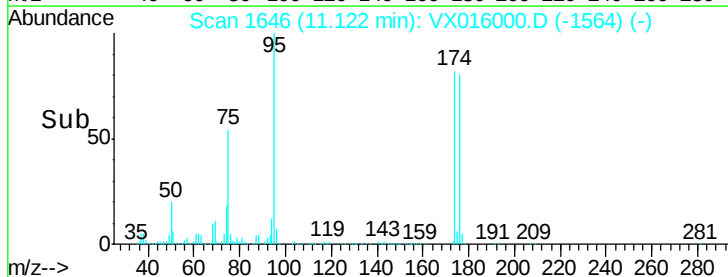
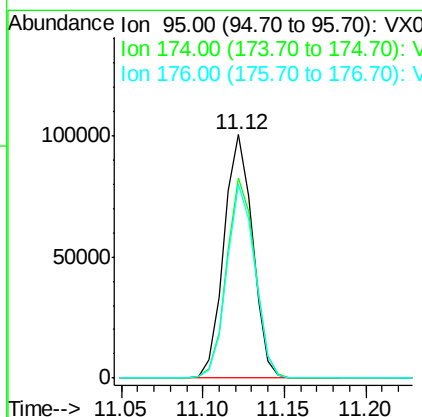
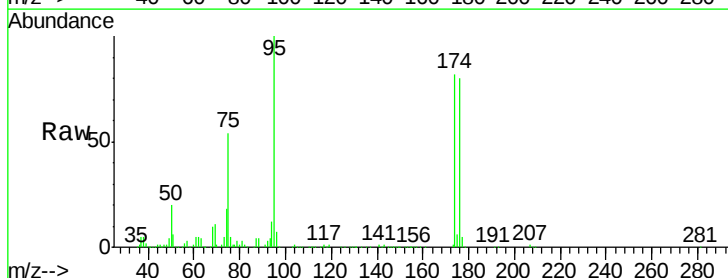
Manual Integrations
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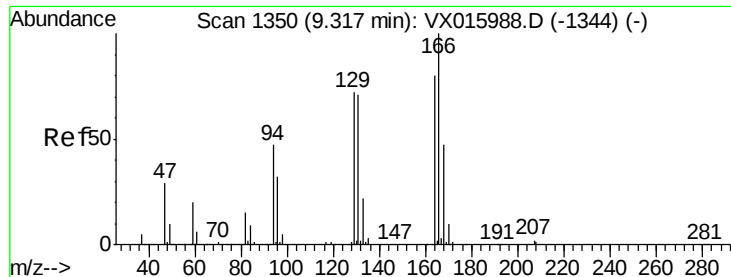
MMDadoda
5/4/2020 3:10:30 PM



#60
4-Bromofluorobenzene
Concen: 29.213 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	81.7	64.8	97.2	
176	78.1	62.4	93.6	





#61

Tetrachloroethene

Concen: 18.176 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 90256

Ion Ratio Lower Upper

164 100

166 126.1 100.1 150.1

129 93.9 72.2 108.4

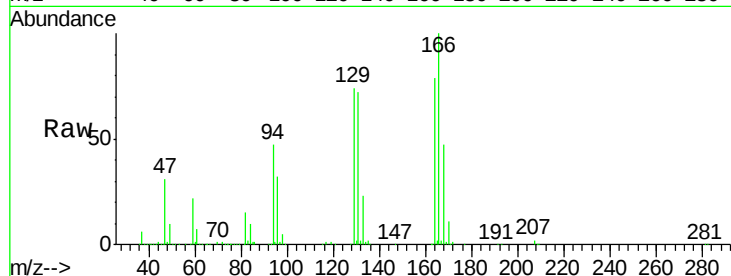
131 90.6 71.3 106.9

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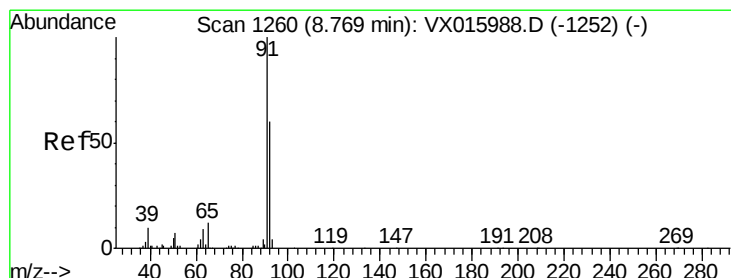
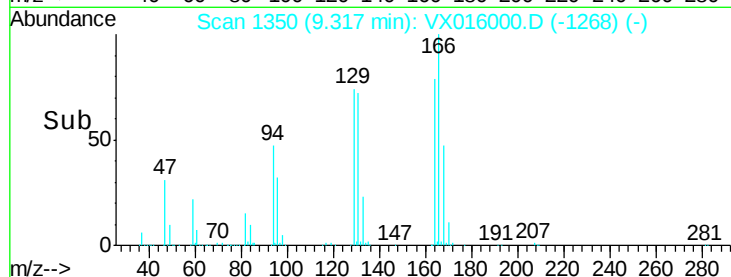
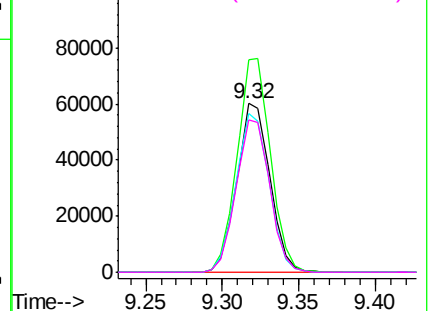


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.354 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016000.D

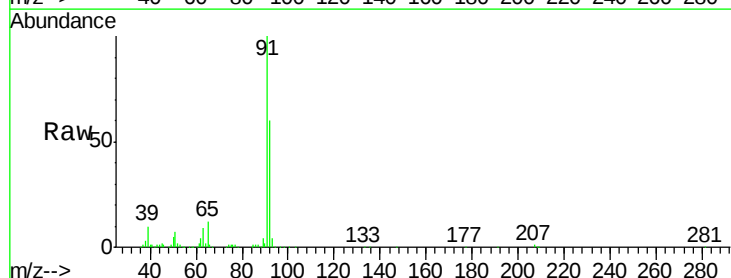
Acq: 30 Apr 2020 17:08

Tgt Ion: 91 Resp: 246145

Ion Ratio Lower Upper

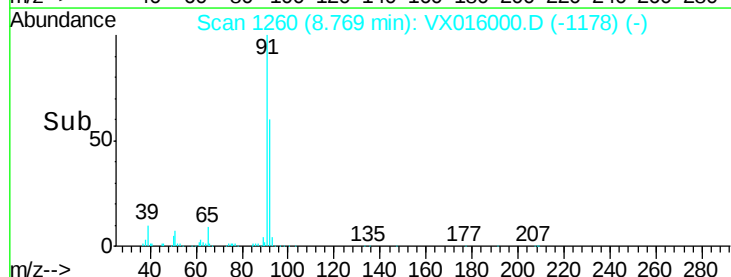
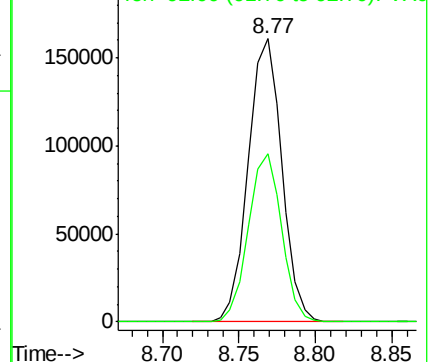
91 100

92 58.9 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.550 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 328981

Ion Ratio Lower Upper

98 100

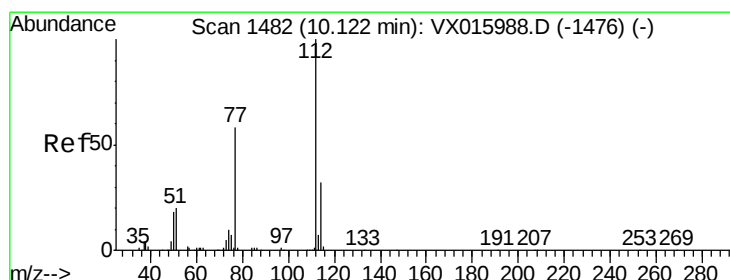
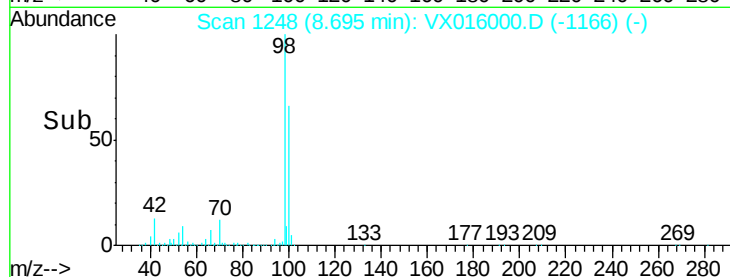
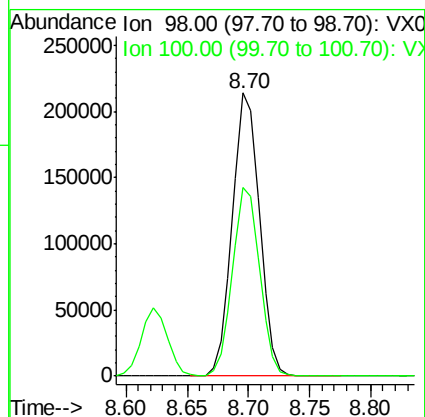
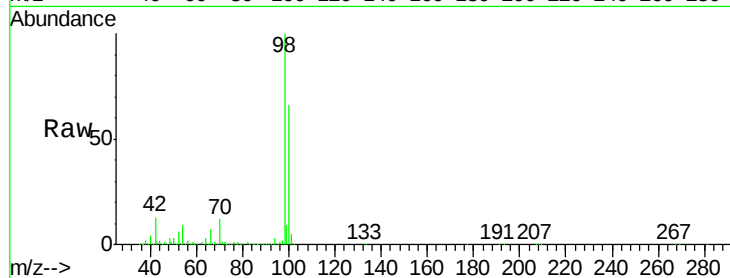
100 66.4 52.5 78.7

Manual Integrations

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#64

Chlorobenzene

Concen: 18.009 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016000.D

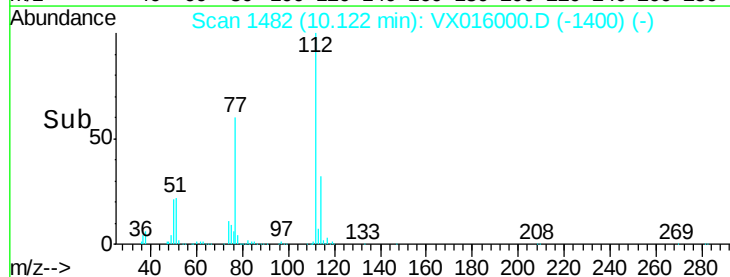
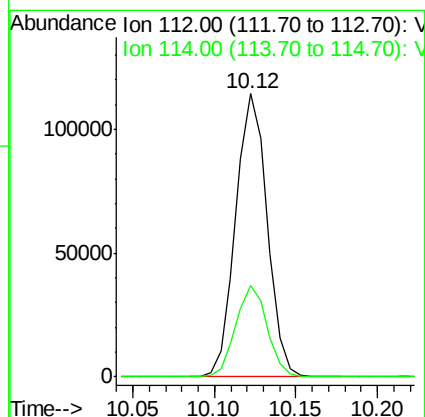
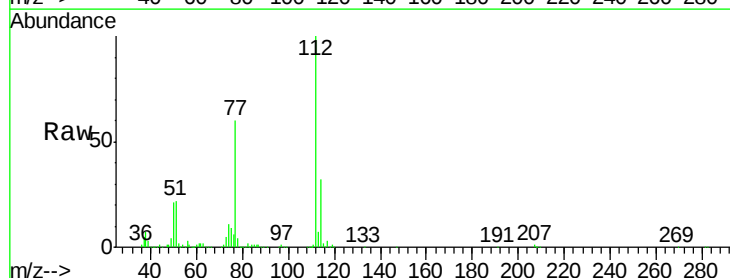
Acq: 30 Apr 2020 17:08

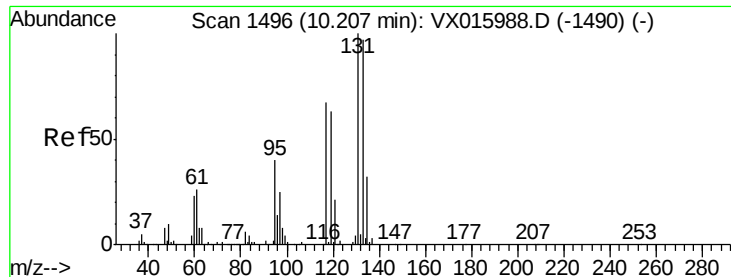
Tgt Ion: 112 Resp: 153780

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.990 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

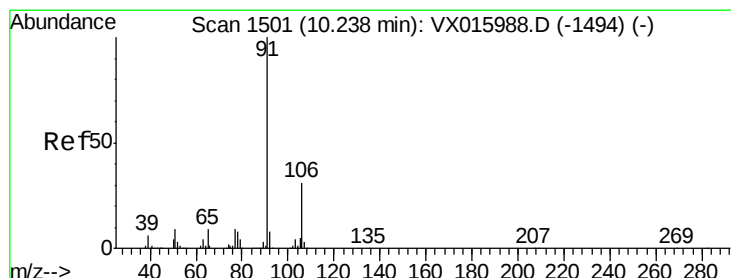
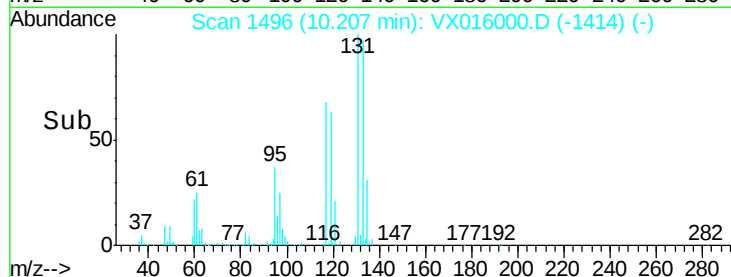
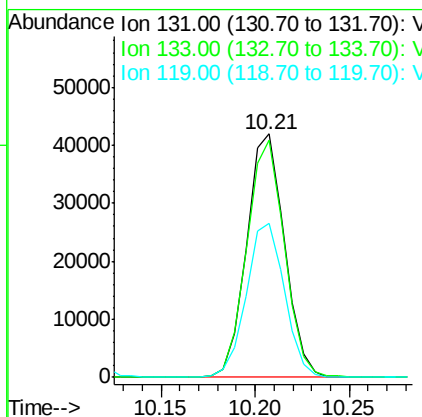
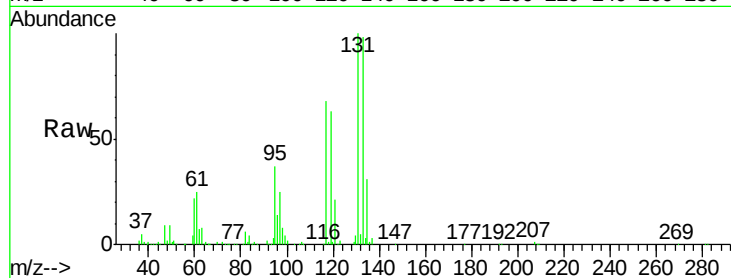
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	58319
Ion Ratio	Lower	Upper	
131	100		
133	96.3	0.0	187.0
119	63.4	0.0	129.0

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#66

Ethyl Benzene

Concen: 18.080 ug/l

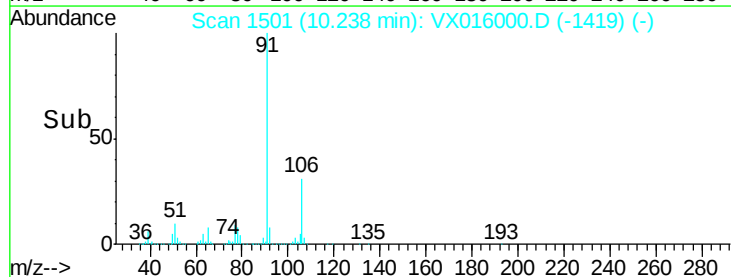
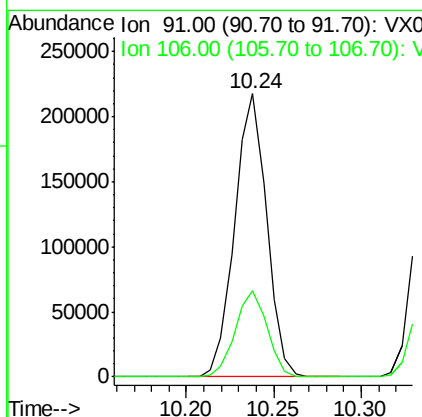
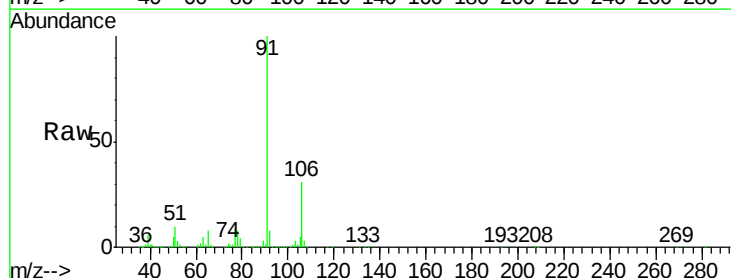
RT: 10.24 min Scan# 1501

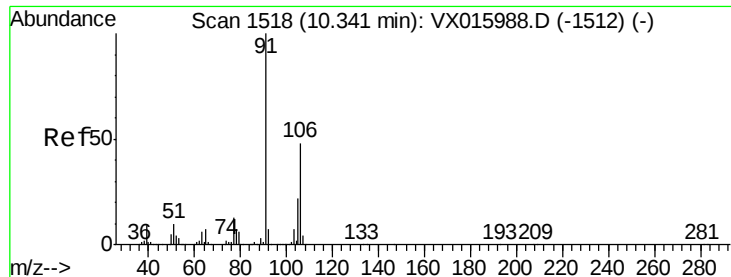
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	91	Resp:	276096
Ion Ratio	Lower	Upper	
91	100		
106	30.7	24.8	37.2





#67

m/p-Xylenes

Concen: 35.456 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 206266

Ion Ratio Lower Upper

106 100

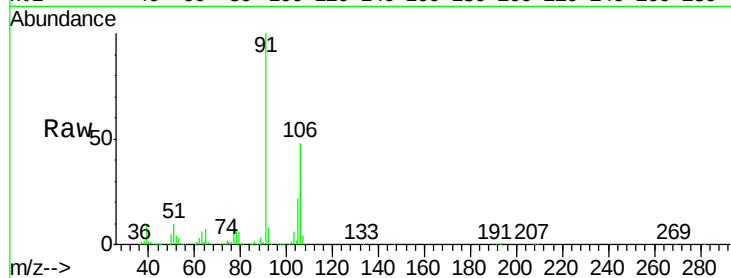
91 205.0 164.2 246.4

Manual Integrations

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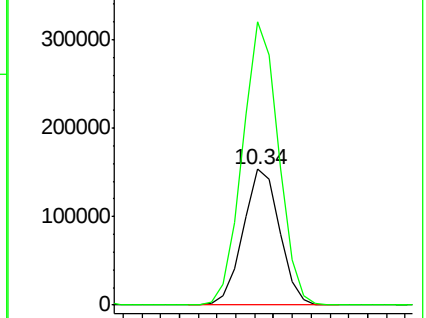
MMDadoda

5/4/2020 3:10:30 PM

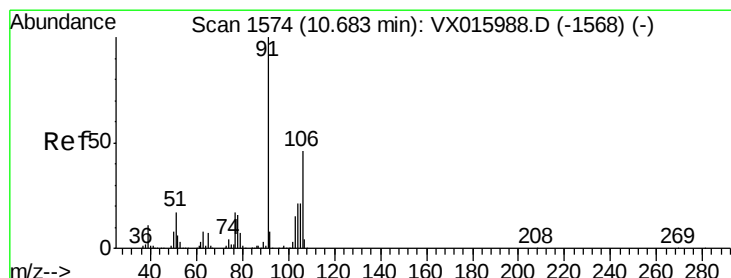
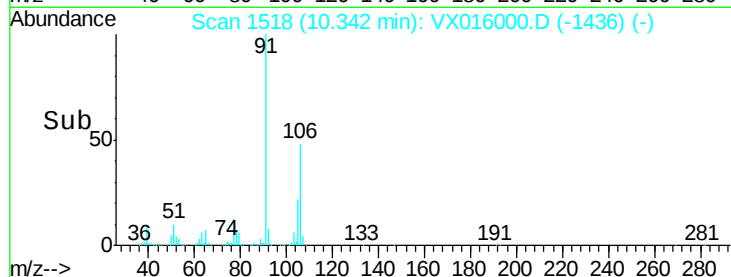


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#68

o-Xylene

Concen: 17.704 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016000.D

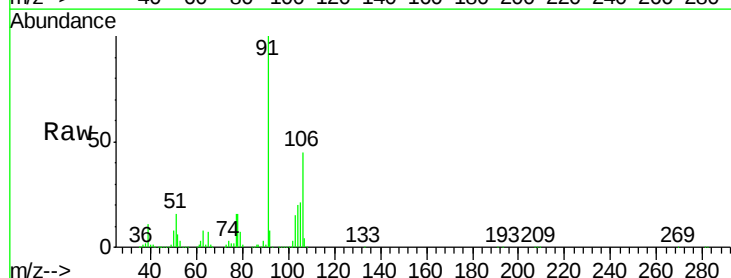
Acq: 30 Apr 2020 17:08

Tgt Ion:106 Resp: 99318

Ion Ratio Lower Upper

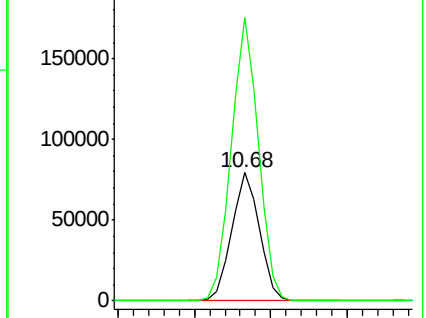
106 100

91 215.8 108.3 325.0

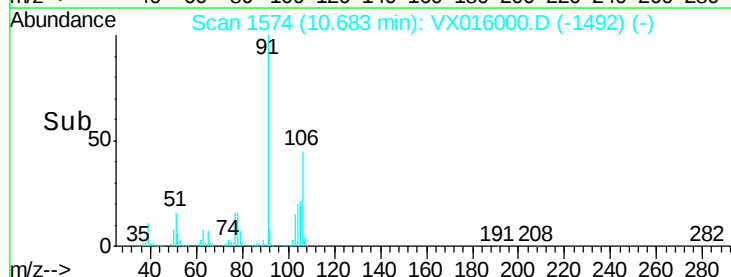


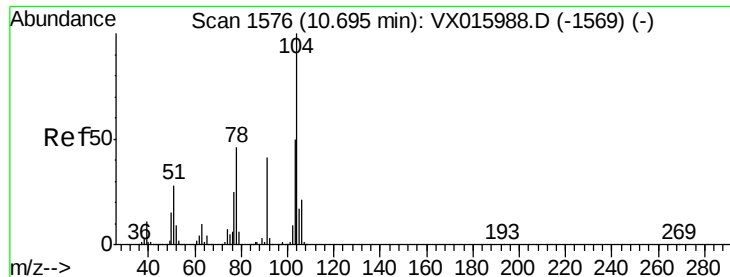
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





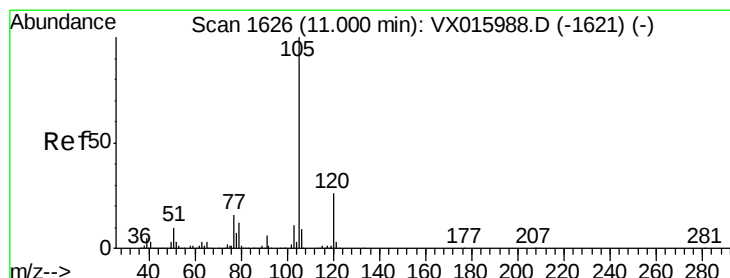
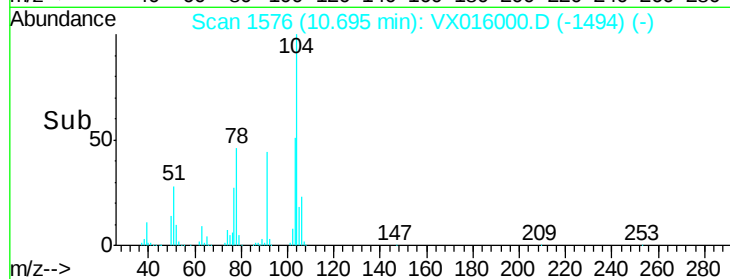
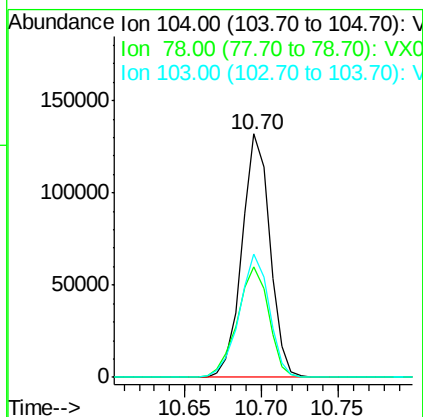
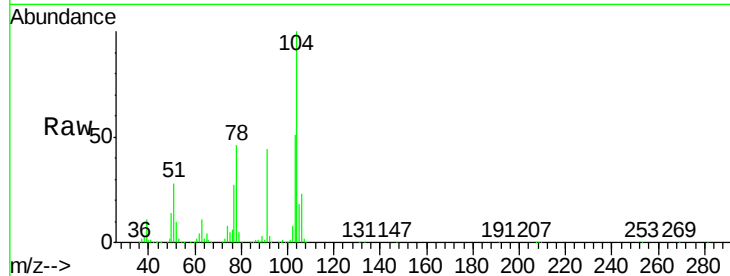
#69
Stvrene
Concen: 17.434 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.7	61.1
103	54.6	43.0	64.4

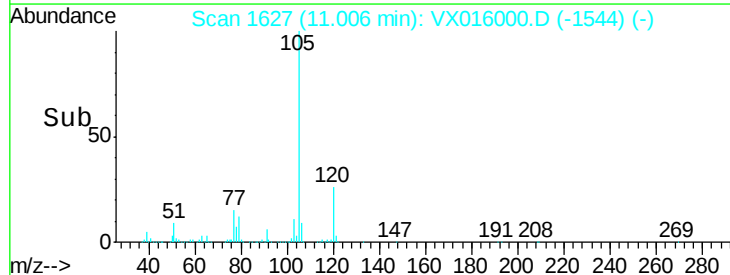
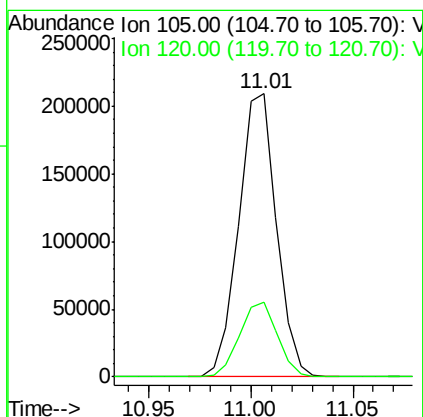
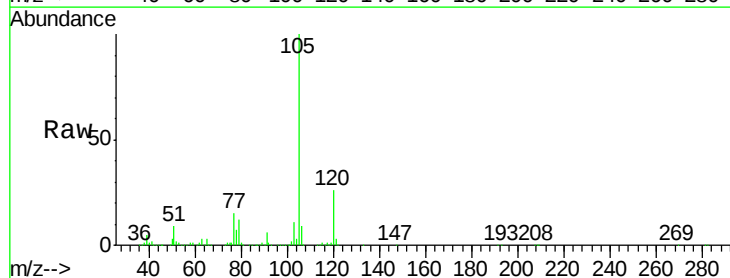
Manual Integrations
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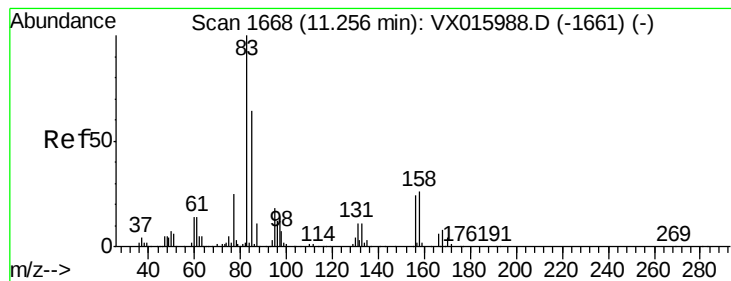
MMDadoda
5/4/2020 3:10:30 PM



#70
Isopropylbenzene
Concen: 17.748 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.6	34.5





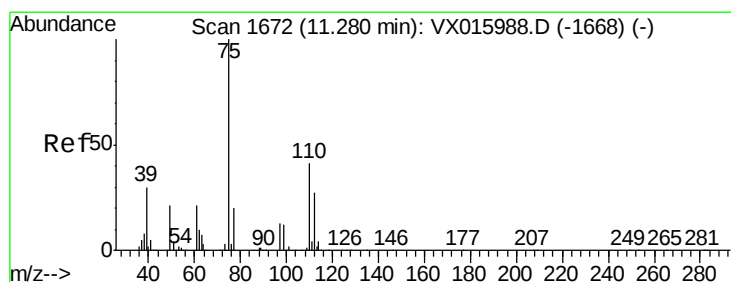
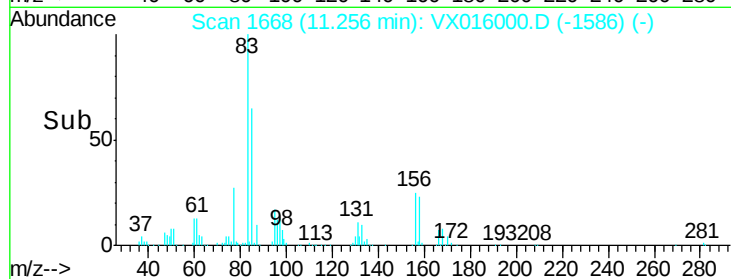
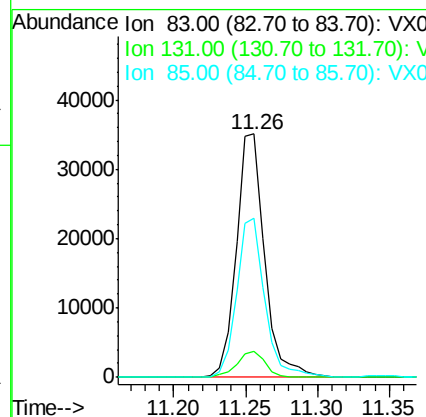
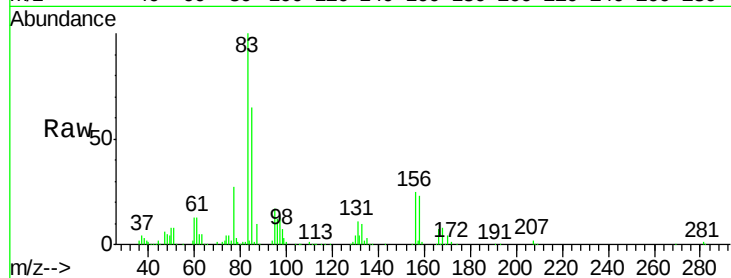
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.171 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.1	33.0	98.9

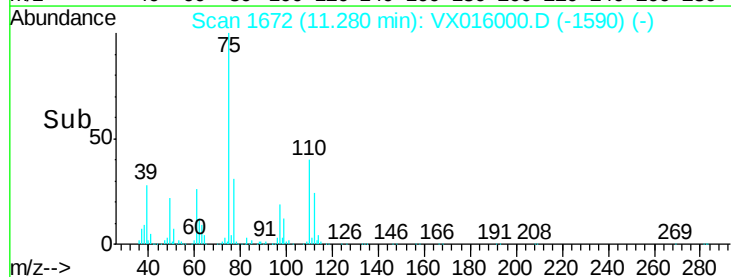
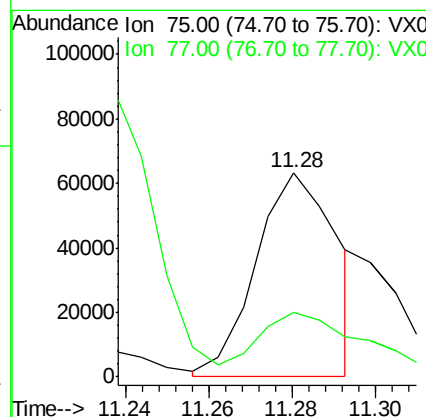
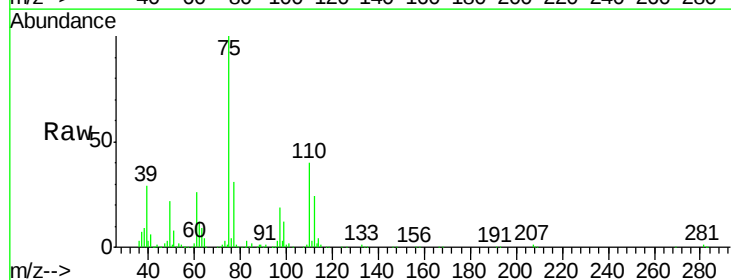
Manual Integrations
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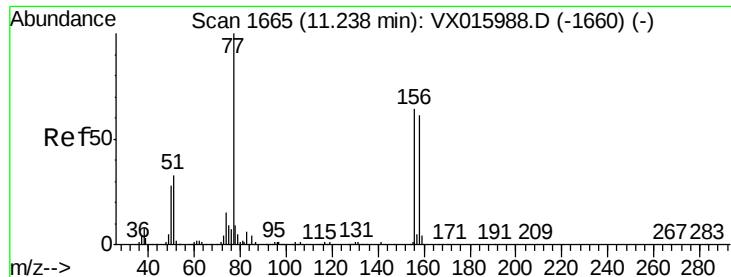
MMDadoda
 5/4/2020 3:10:30 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.667 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.0	0.0	86.0





#73

Bromobenzene

Concen: 17.205 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

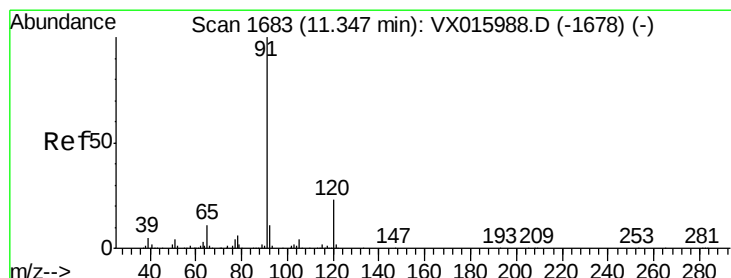
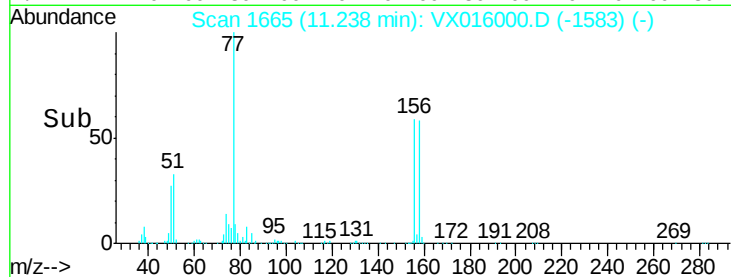
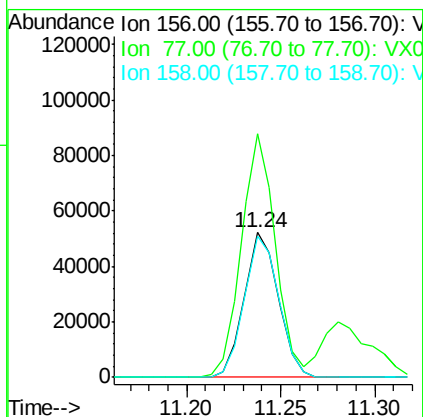
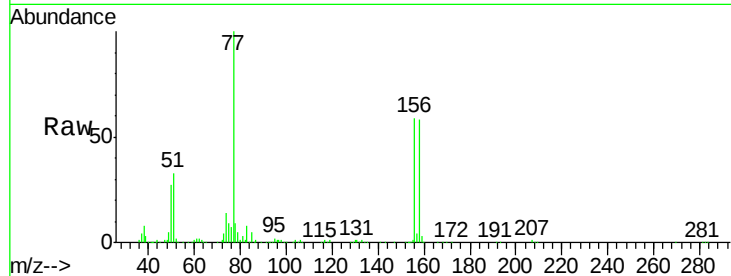
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	65669
Ion	Ratio	Lower	Upper
156	100		
77	166.6	0.0	318.0
158	98.4	0.0	193.2

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#74

n-propylbenzene

Concen: 17.617 ug/l

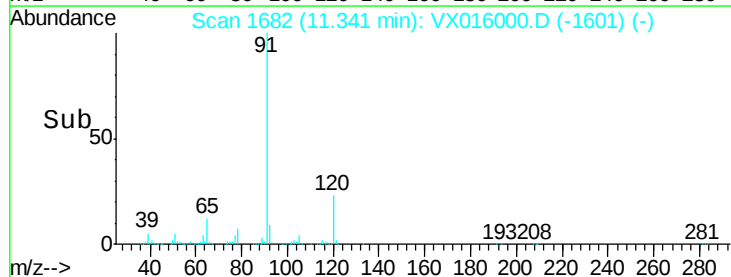
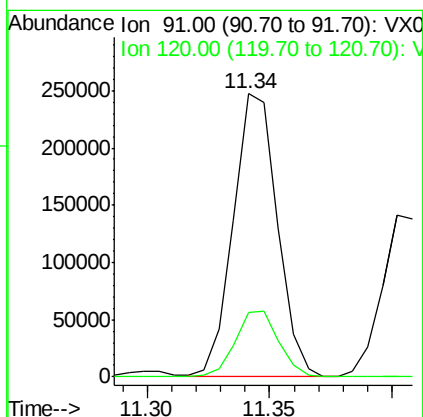
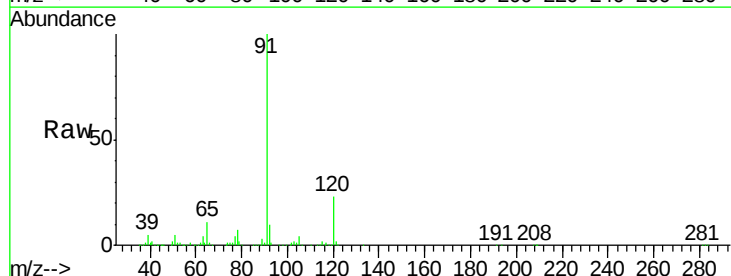
RT: 11.34 min Scan# 1682

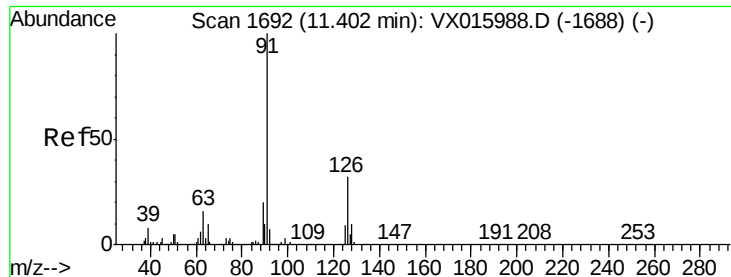
Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	91	Resp:	309934
Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	45.4





#75

2-Chlorotoluene

Concen: 17.542 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 181352

Ion Ratio Lower Upper

91 100

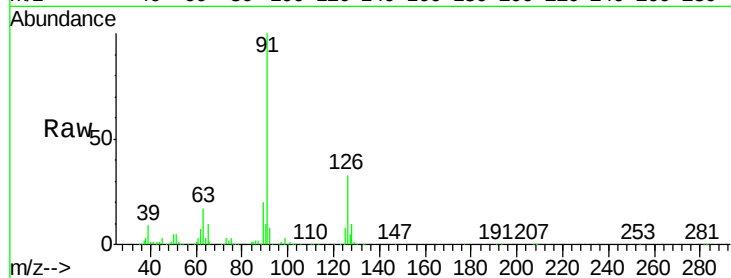
126 33.7 0.0 66.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)

250000

200000

150000

100000

50000

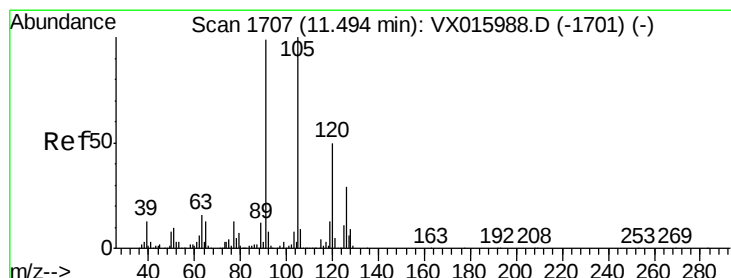
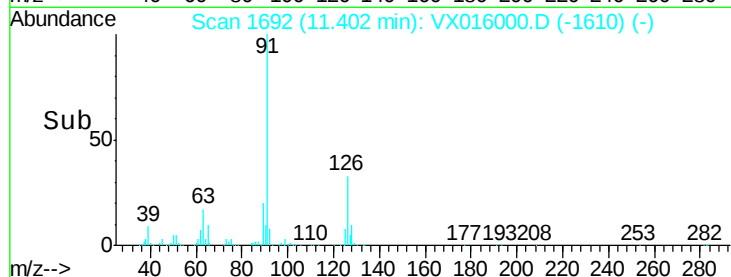
0

11.35

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.422 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016000.D

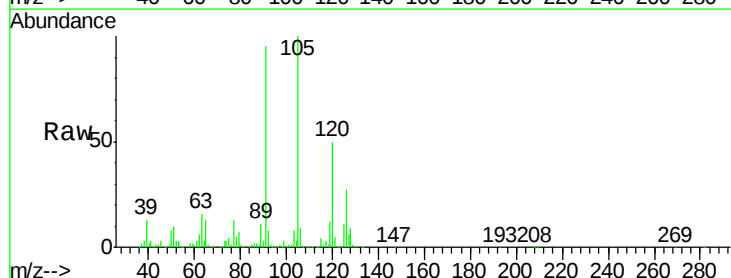
Acq: 30 Apr 2020 17:08

Tgt Ion: 105 Resp: 223992

Ion Ratio Lower Upper

105 100

120 49.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)

200000

150000

100000

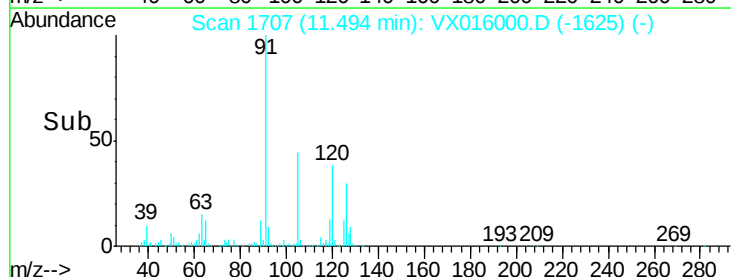
50000

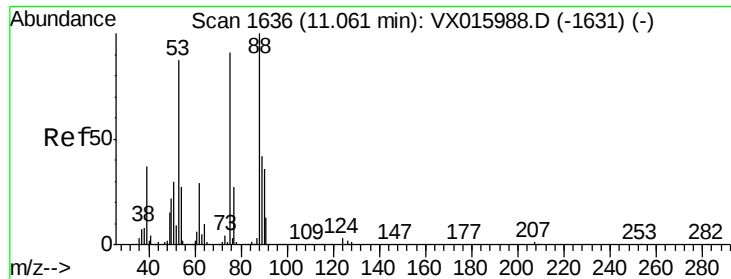
0

11.45

11.50

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.006 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

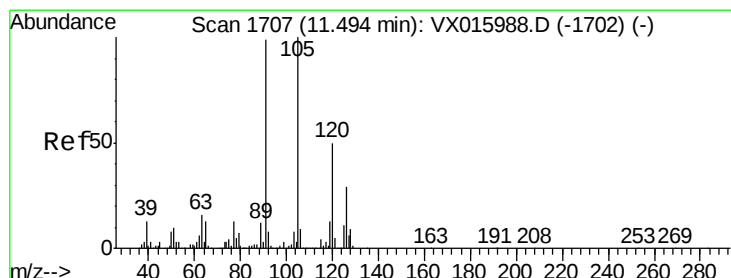
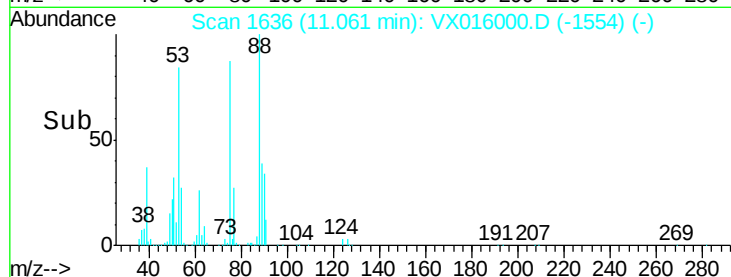
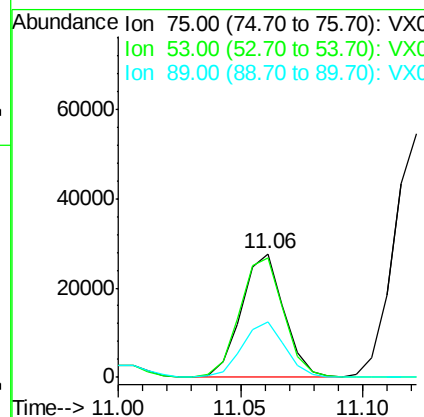
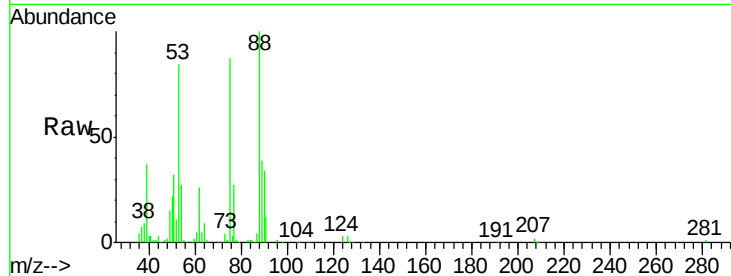
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	33347
Ion	Ratio	Lower	Upper
75	100		
53	96.1	48.0	144.2
89	44.9	23.4	70.3

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#78

4-Chlorotoluene

Concen: 17.360 ug/l

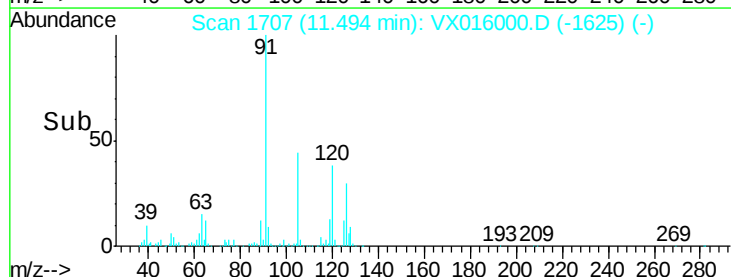
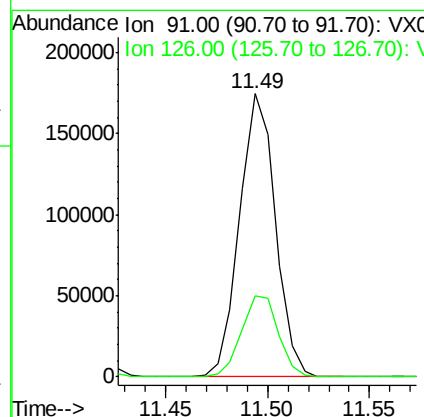
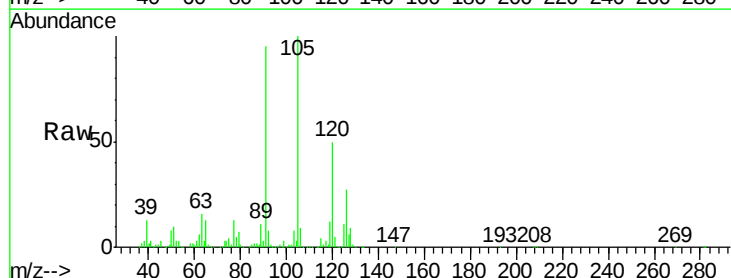
RT: 11.49 min Scan# 1707

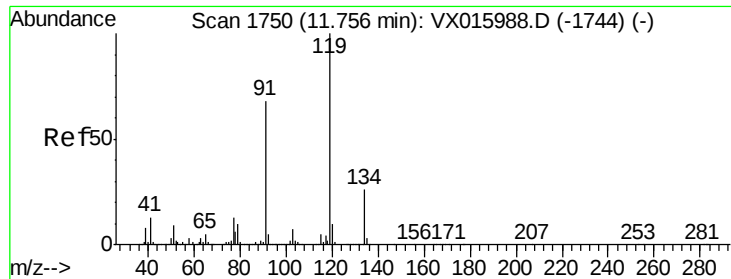
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	91	Resp:	212439
Ion	Ratio	Lower	Upper
91	100		
126	29.6	0.0	58.4





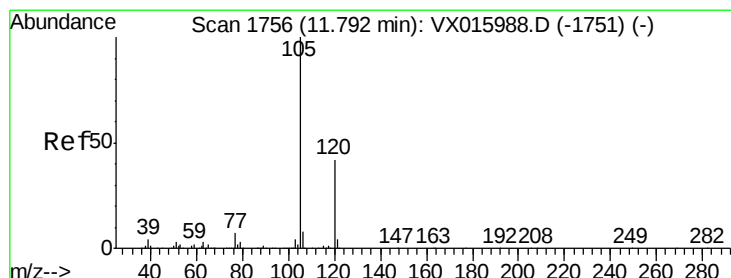
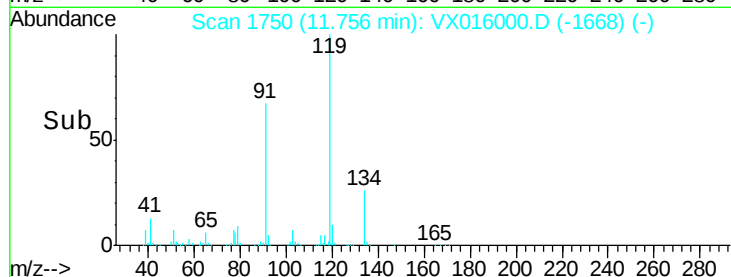
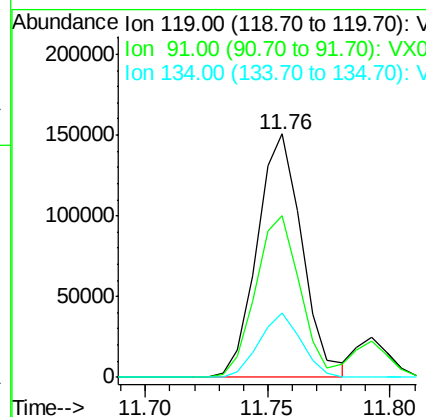
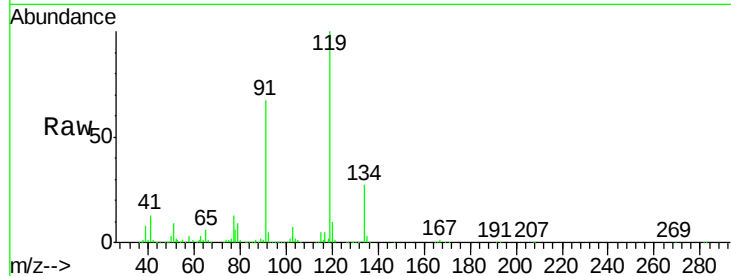
#79
tert-butylbenzene
Concen: 17.568 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	192905		
91	65.3	0.0	135.6	
134	25.0	0.0	51.0	

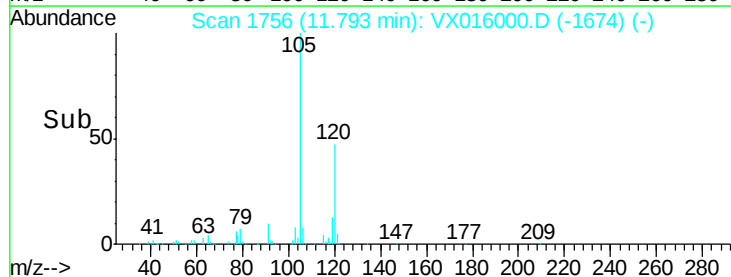
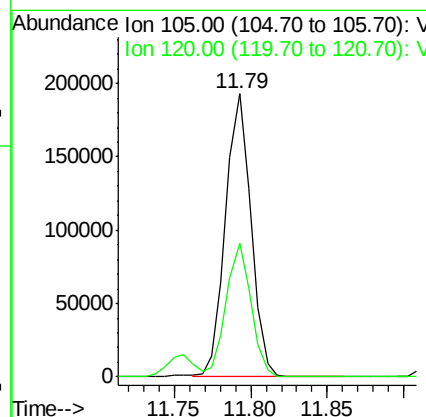
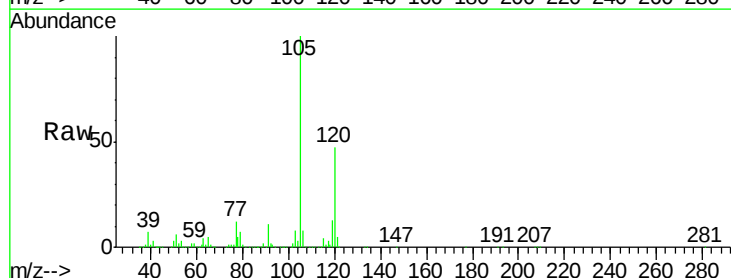
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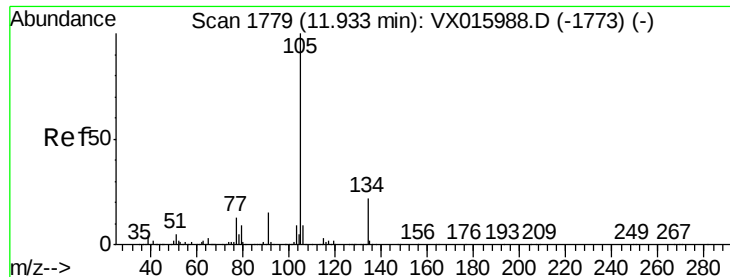
MMDadoda
5/4/2020 3:10:30 PM



#80
1,2,4-Trimethylbenzene
Concen: 17.375 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223173		
120	46.2	0.0	91.0	





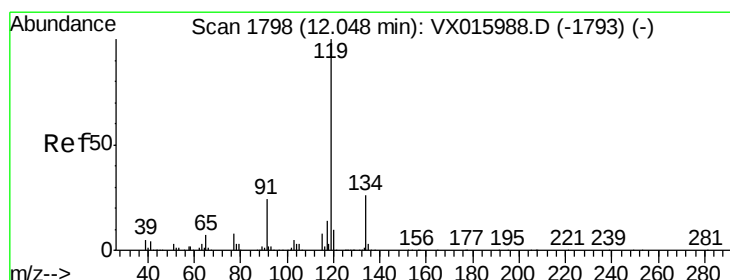
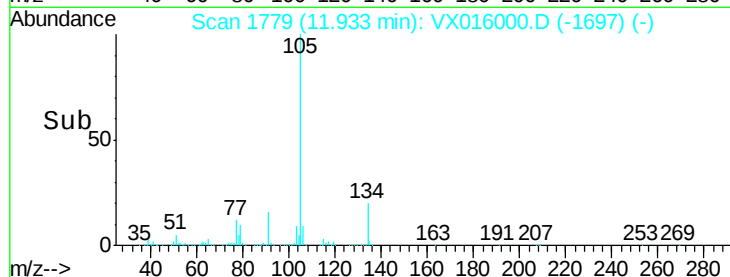
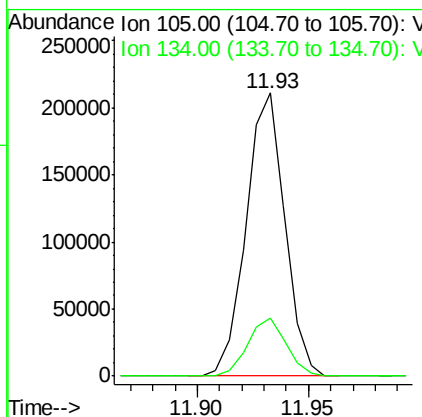
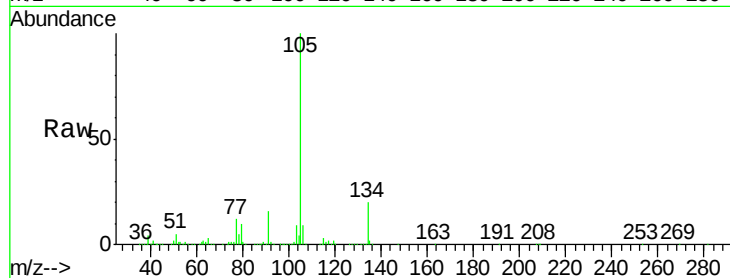
#81
 sec-Butylbenzene
 Concen: 17.281 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	255929		
134	20.4	0.0	41.2	

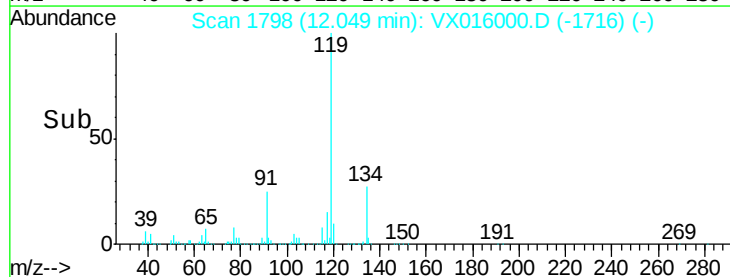
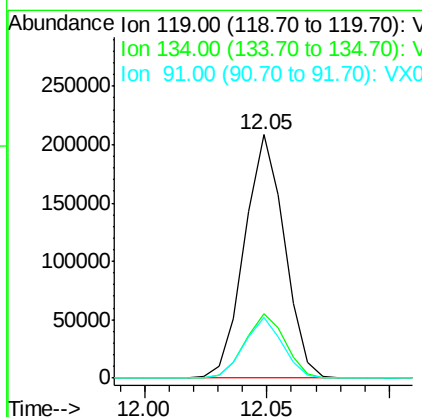
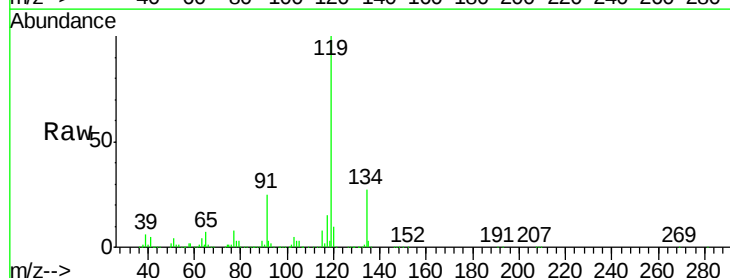
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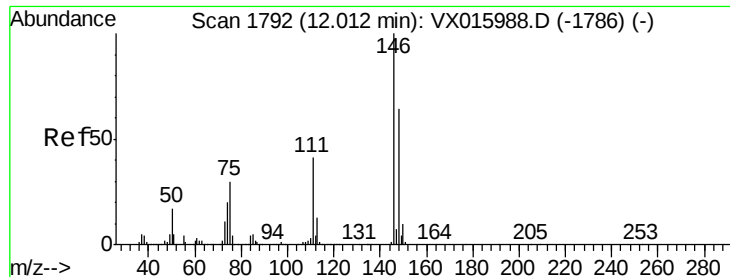
MMDadoda
 5/4/2020 3:10:30 PM



#82
 p-Isopropyltoluene
 Concen: 17.271 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237035		
134	26.5	0.0	52.6	
91	24.2	0.0	47.6	





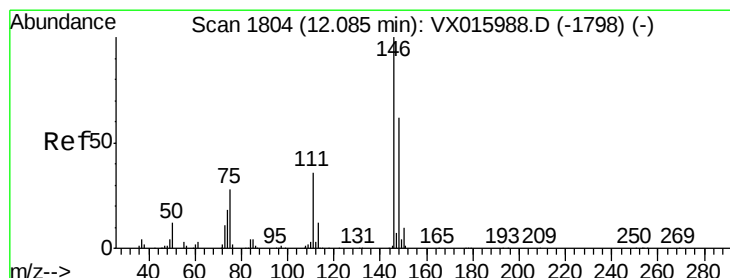
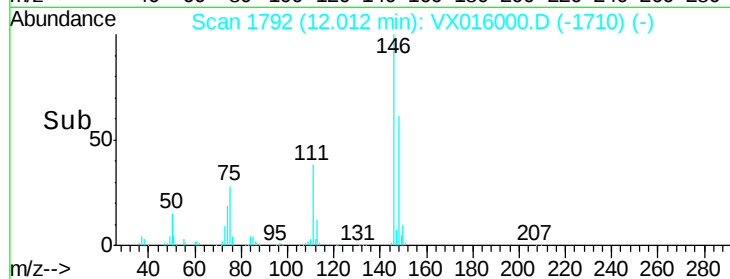
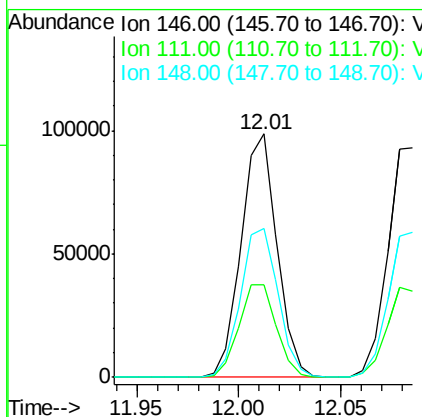
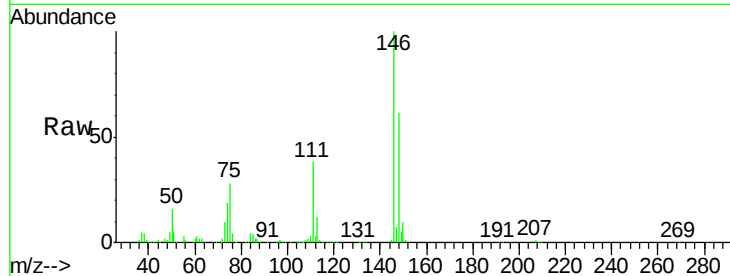
#83
 1,3-Dichlorobenzene
 Concen: 17.539 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.3
148	63.9	31.9	95.9

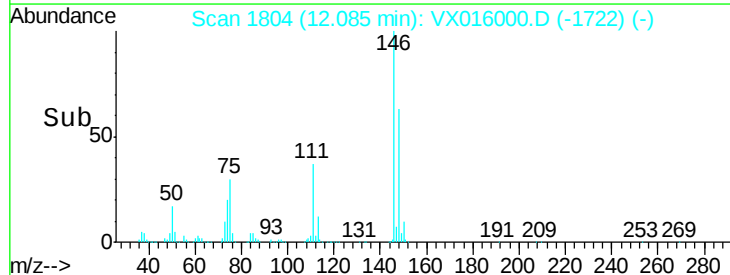
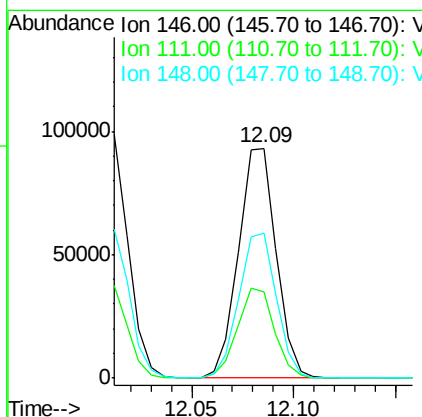
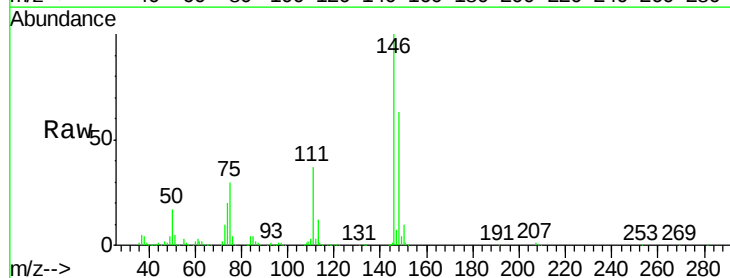
Manual Integrations
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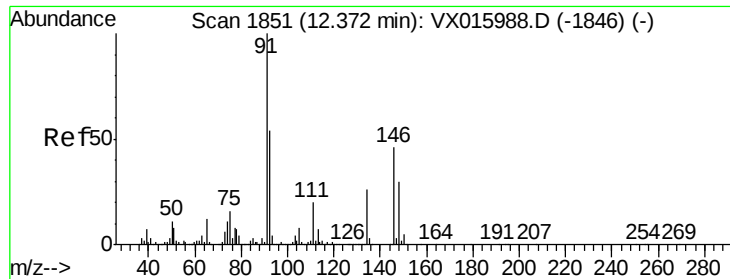
MMDadoda
 5/4/2020 3:10:30 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.540 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	62.8	32.0	96.0





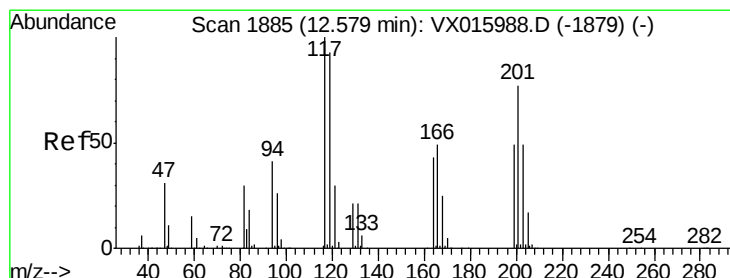
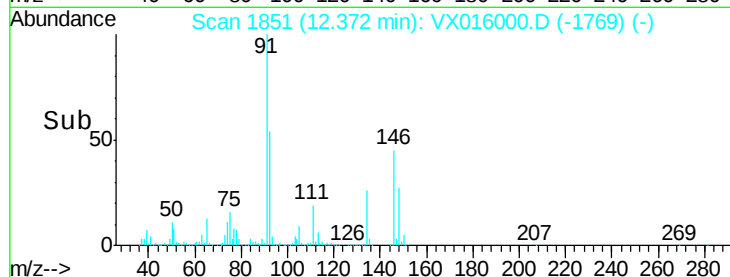
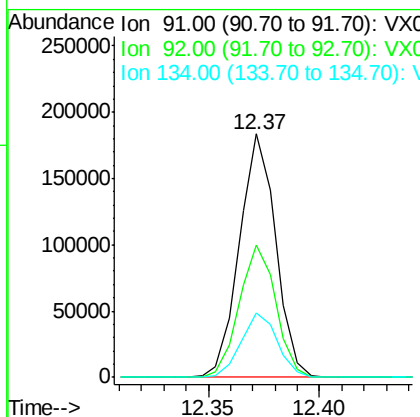
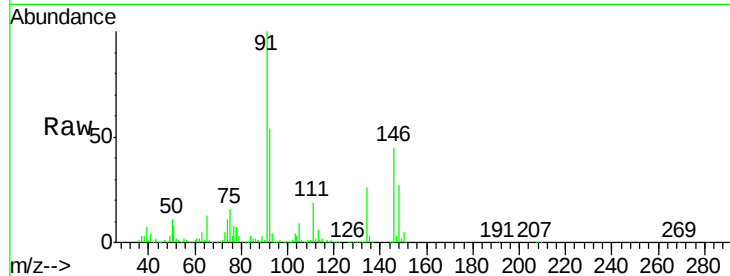
#85
n-Butylbenzene
Concen: 16.647 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	208690		
92	54.7	0.0	110.2	
134	26.7	0.0	53.4	

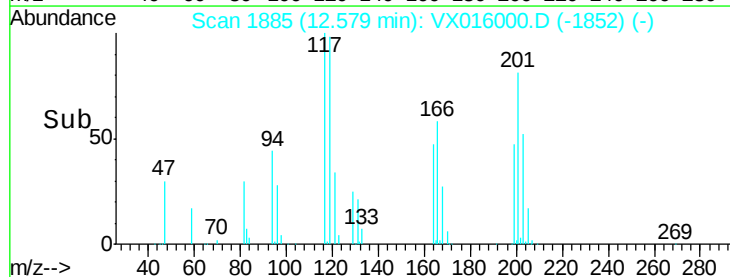
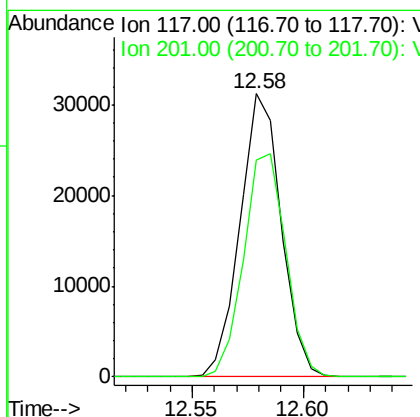
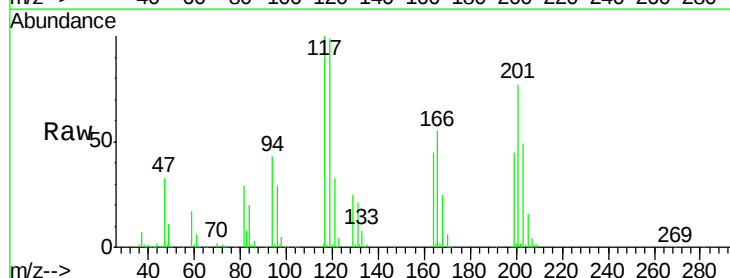
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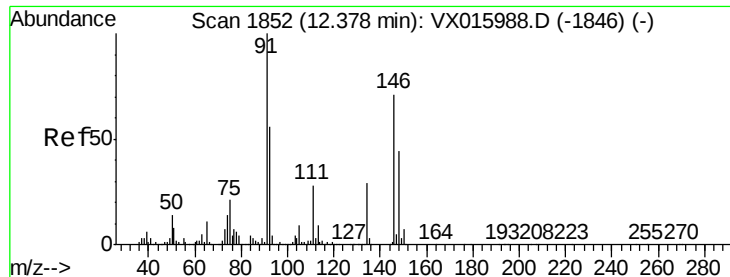
MMDadoda
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#86
Hexachloroethane
Concen: 16.710 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40372		
201	80.7	40.1	120.2	





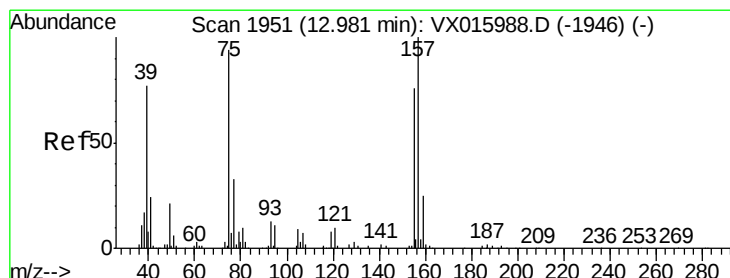
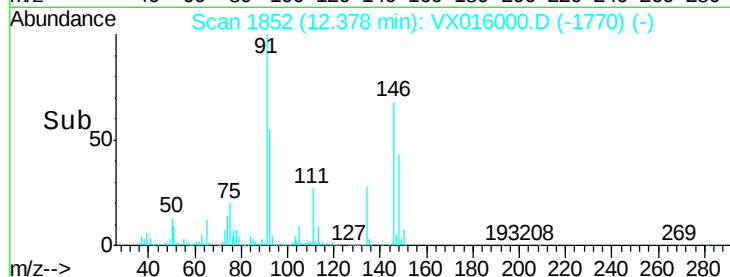
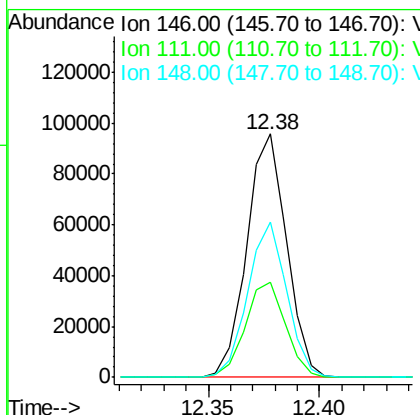
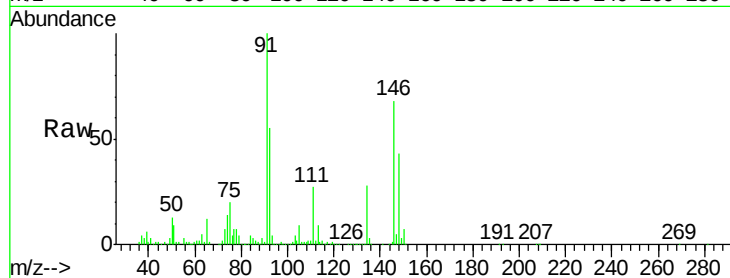
#87
 1,2-Dichlorobenzene
 Concen: 17.946 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.7	62.1
148	62.5	32.0	96.2

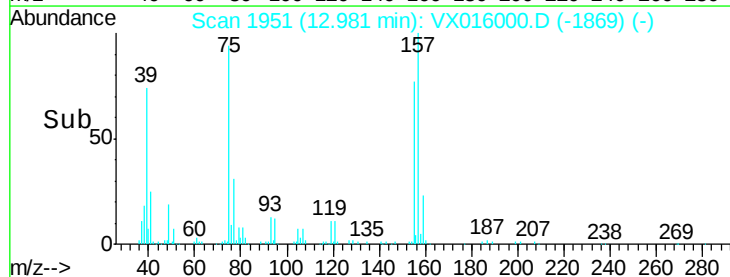
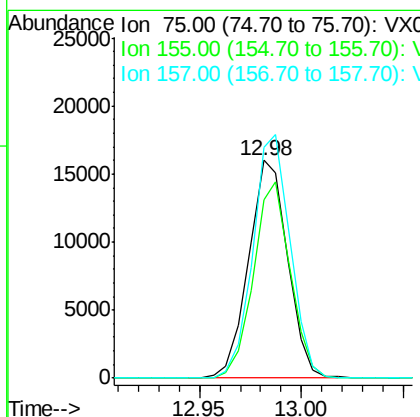
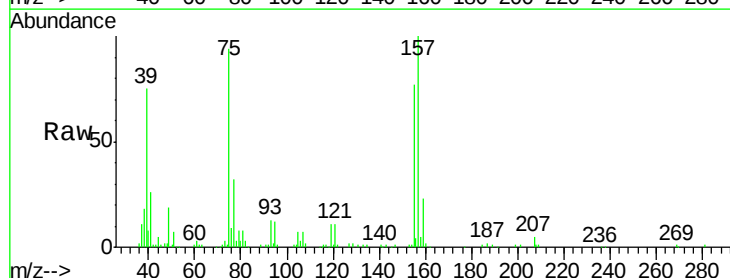
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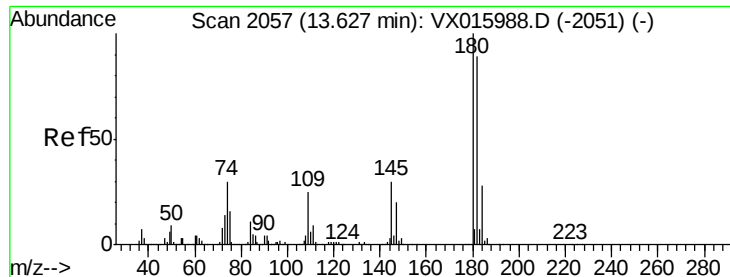
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.103 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	66.9	100.3
157	106.6	88.2	132.2





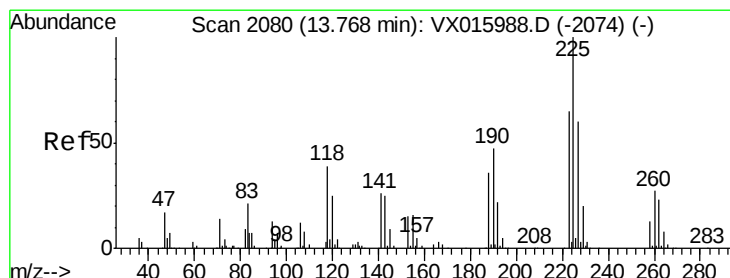
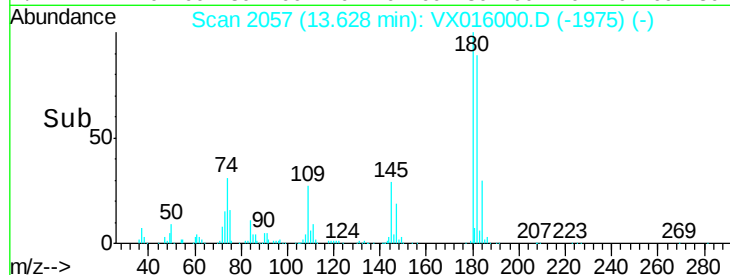
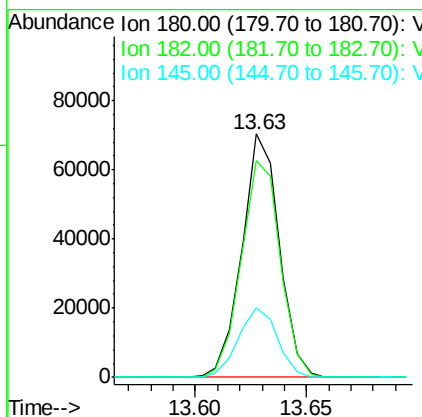
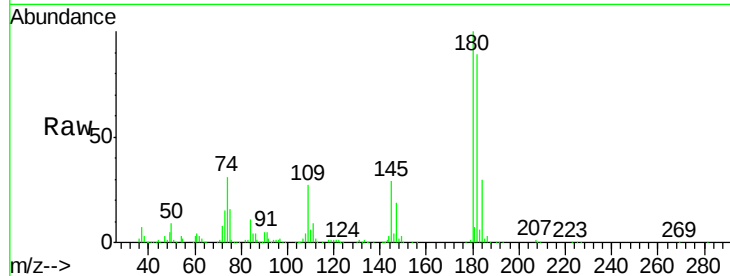
#89
 1,2,4-Trichlorobenzene
 Concen: 16.809 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82398		
182	93.6	75.0	112.6	
145	30.0	23.9	35.9	

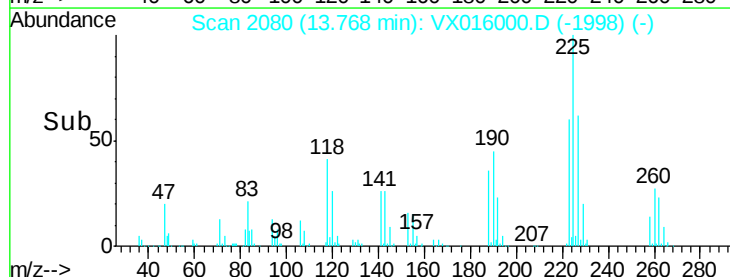
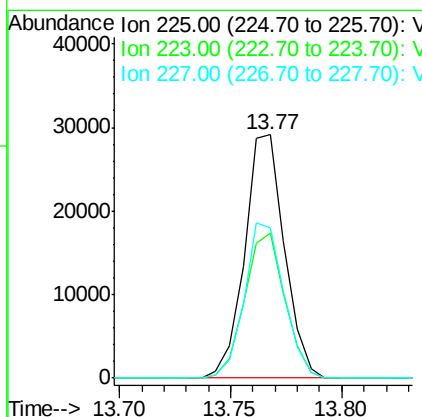
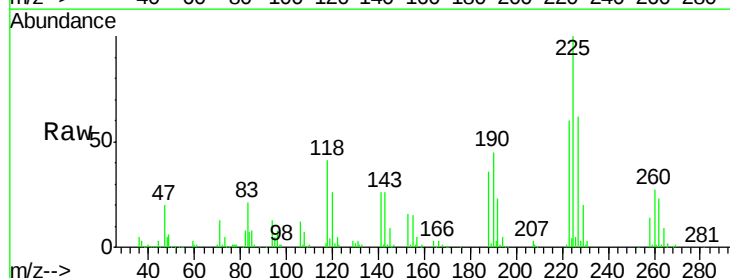
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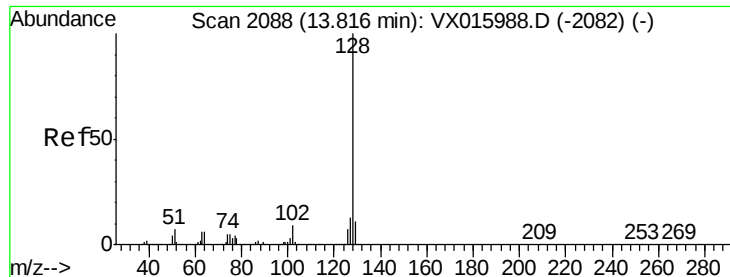
MMDadoda
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#90
 Hexachlorobutadiene
 Concen: 17.291 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36429		
223	60.1	0.0	123.6	
227	63.2	0.0	123.6	





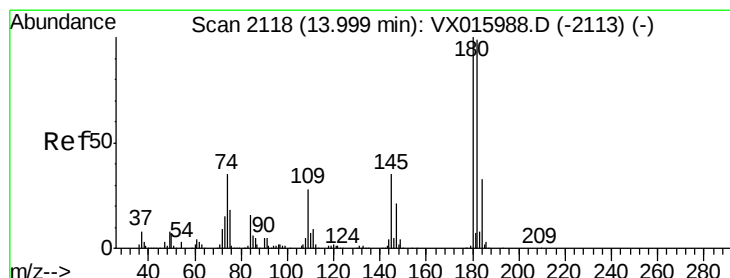
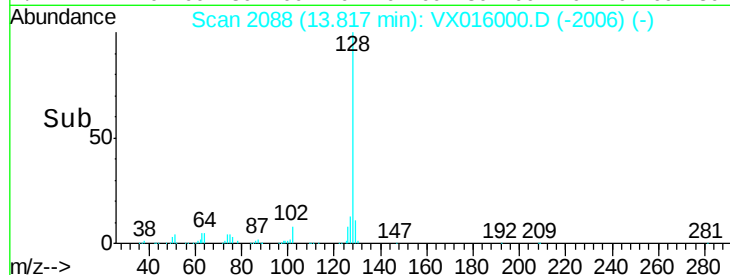
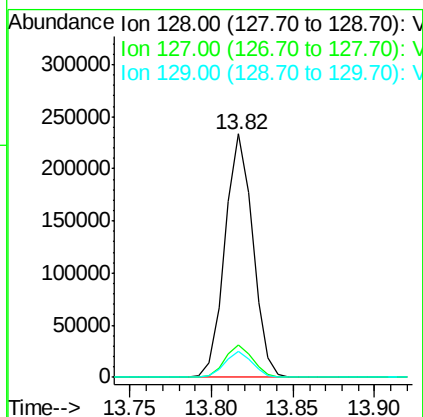
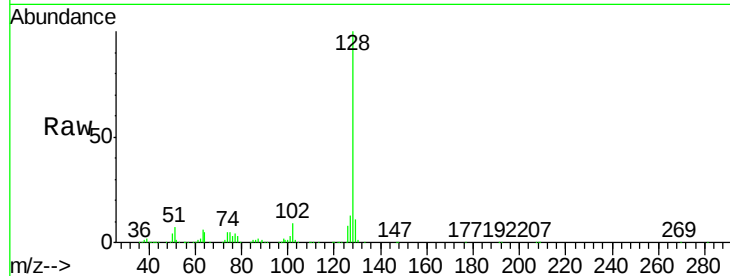
#91
Naphthalene
Concen: 17.704 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	276292		
127	13.2		10.5	15.7
129	10.8		8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 17.245 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81213		
182	94.6		0.0	197.2
145	33.5		0.0	66.0

