

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016573.D
 Acq On : 03 Jun 2020 17:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:07:39 PM

Quant Time: Jun 04 09:14:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	389109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151417	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.47	113	122668	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	476135	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.12	95	182602	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118013	48.205	ug/l	98
3) Chloromethane	1.31	50	133848	45.242	ug/l	99
4) Vinyl Chloride	1.39	62	148154	47.353	ug/l	100
5) Bromomethane	1.62	94	70510	46.350	ug/l	98
6) Chloroethane	1.70	64	88897	48.709	ug/l	98
7) Trichlorofluoromethane	1.91	101	208586	50.765	ug/l	97
8) Diethyl Ether	2.17	74	82175	47.962	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111865	49.467	ug/l	98
10) Methyl Iodide	2.49	142	106020	39.898	ug/l	99
11) Tert butyl alcohol	3.01	59	185284	233.881	ug/l	100
12) 1,1-Dichloroethene	2.36	96	116857	48.819	ug/l	97
13) Acrolein	2.27	56	91141	270.449	ug/l	95
14) Allyl chloride	2.71	41	203937	46.327	ug/l	98
15) Acrylonitrile	3.12	53	388717	239.534	ug/l	99
16) Acetone	2.42	43	313895	231.908	ug/l	100
17) Carbon Disulfide	2.55	76	323775	45.548	ug/l	100
18) Methyl Acetate	2.75	43	169834	48.922	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	428382	49.838	ug/l	97
20) Methylene Chloride	2.84	84	132320	47.251	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	129499	48.910	ug/l	94
22) Diisopropyl ether	3.82	45	390701	46.200	ug/l	99
23) Vinyl Acetate	3.78	43	1760136	237.787	ug/l	97
24) 1,1-Dichloroethane	3.67	63	229709	48.126	ug/l	100
25) 2-Butanone	4.64	43	530132	231.145	ug/l	97
26) 2,2-Dichloropropane	4.55	77	203361	52.068	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	146677	47.886	ug/l	99
28) Bromochloromethane	4.98	49	98286	44.312	ug/l	91
29) Tetrahydrofuran	5.09	42	345979	233.499	ug/l	96
30) Chloroform	5.18	83	240461	49.999	ug/l	100
31) Cyclohexane	5.55	56	195335	45.490	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	219998	50.527	ug/l	99
36) 1,1-Dichloropropene	5.77	75	176969	48.036	ug/l	99
37) Ethyl Acetate	4.79	43	199992	45.215	ug/l	97
38) Carbon Tetrachloride	5.76	117	195607	50.523	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	203247	50.792	ug/l	98
40) Benzene	6.11	78	535392	48.800	ug/l	98
41) Methacrylonitrile	5.00	41	109681	45.145	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189037	48.451	ug/l	99
43) Isopropyl Acetate	6.42	43	322474	46.741	ug/l	98
44) Trichloroethene	7.19	130	161181	46.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	135701	48.586	ug/l	99
46) Dibromomethane	7.64	93	94252	50.241	ug/l	97
47) Bromodichloromethane	7.88	83	195392	50.302	ug/l	98
48) Methyl methacrylate	7.74	41	155964	47.214	ug/l	97
49) 1,4-Dioxane	7.71	88	73347	948.776	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1034031	240.702	ug/l	98
52) Toluene	8.77	92	350012	50.592	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	226831	51.355	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237352	50.769	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	139134	50.581	ug/l	97
56) Ethyl methacrylate	9.16	69	227562	50.796	ug/l	97
57) 1,3-Dichloropropane	9.35	76	237969	50.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	562981	240.761	ug/l	97
59) 2-Hexanone	9.48	43	803712	240.580	ug/l	98
60) Dibromochloromethane	9.57	129	162954	52.641	ug/l	99
61) 1,2-Dibromoethane	9.65	107	149173	50.642	ug/l	99
64) Tetrachloroethene	9.32	164	172436	42.080	ug/l	98
65) Chlorobenzene	10.12	112	374241	50.118	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148826	52.212	ug/l	97
67) Ethyl Benzene	10.24	91	663391	49.898	ug/l	100
68) m/p-Xylenes	10.34	106	503668	102.177	ug/l	99
69) o-Xylene	10.68	106	241794	50.650	ug/l	97
70) Styrene	10.70	104	422022	51.431	ug/l	99
71) Bromoform	10.84	173	129462	53.741	ug/l #	100
73) Isopropylbenzene	11.00	105	650049	50.188	ug/l	100
74) N-amyl acetate	10.88	43	279263	46.874	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	183636	56.571	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	198108m	48.215	ug/l	
77) Bromobenzene	11.24	156	168832	49.699	ug/l	97
78) n-propylbenzene	11.34	91	728253	50.327	ug/l	99
79) 2-Chlorotoluene	11.41	91	437758	49.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	556653	51.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80765	48.351	ug/l	98
82) 4-Chlorotoluene	11.49	91	520733	49.924	ug/l	99
83) tert-Butylbenzene	11.76	119	502493	54.377	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	563100	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	613481	52.921	ug/l	100
86) p-Isopropyltoluene	12.05	119	582928	53.682	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	299140	50.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	298305	49.558	ug/l	98
89) n-Butylbenzene	12.37	91	484167	53.530	ug/l	99
90) Hexachloroethane	12.58	117	98733	52.639	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	283021	49.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51244	48.737	ug/l	96

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	211030	55.725	ug/l	98
94) Hexachlorobutadiene	13.77	225	87393	58.777	ug/l	99
95) Naphthalene	13.82	128	683369	52.639	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203812	54.935	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 248769

Ion Ratio Lower Upper

168 100

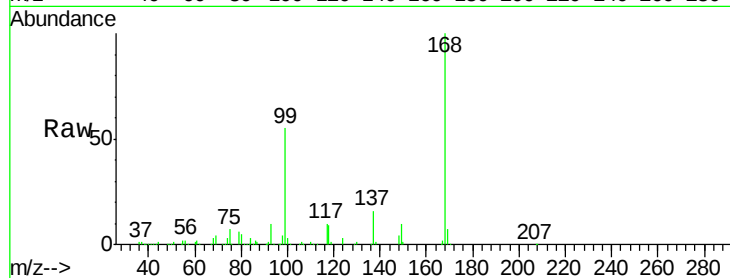
99 55.3 45.2 67.8

Manual Integrations

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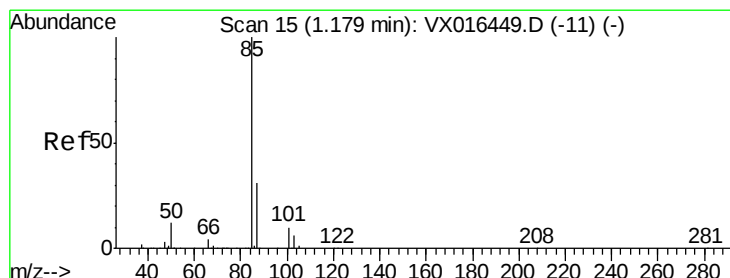
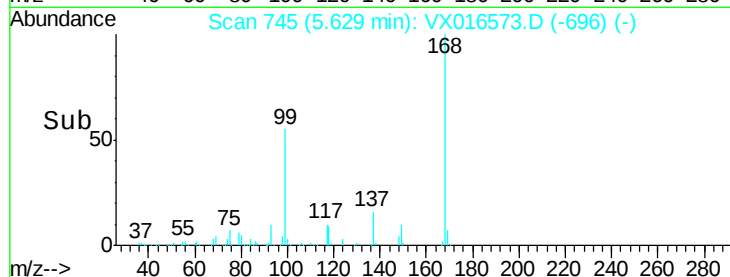
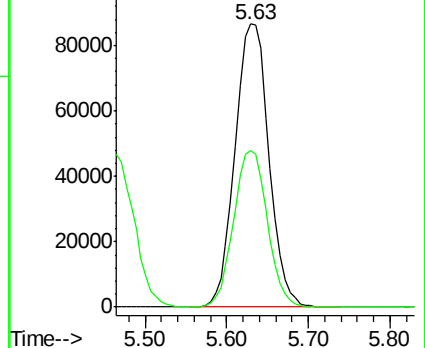
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.205 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016573.D

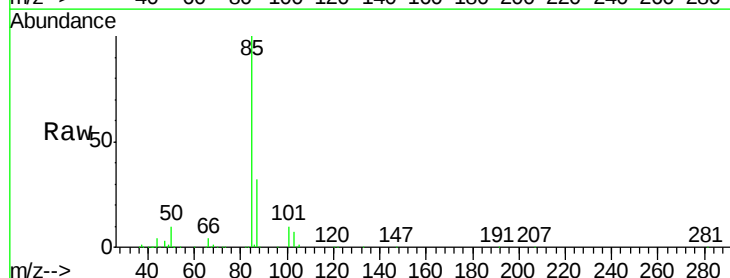
Acq: 03 Jun 2020 17:51

Tgt Ion: 85 Resp: 118013

Ion Ratio Lower Upper

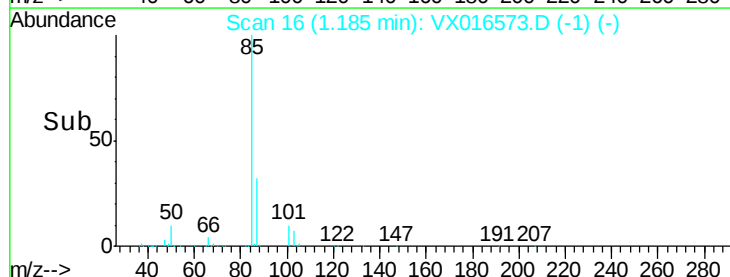
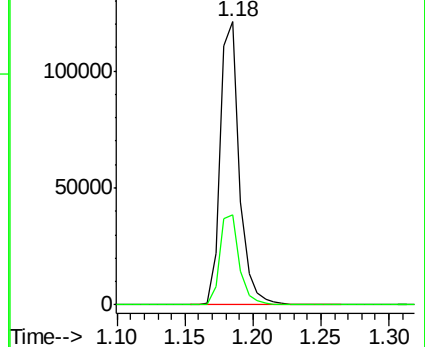
85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.242 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 133848

Ion Ratio Lower Upper

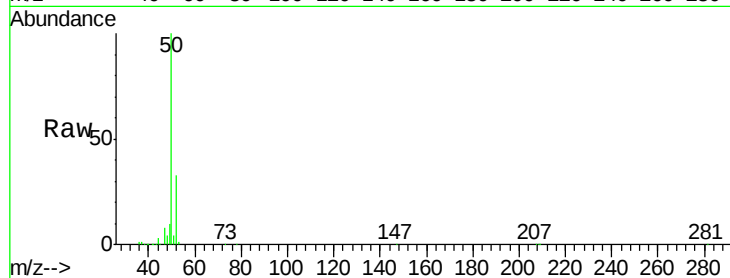
50 100

52 33.3 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

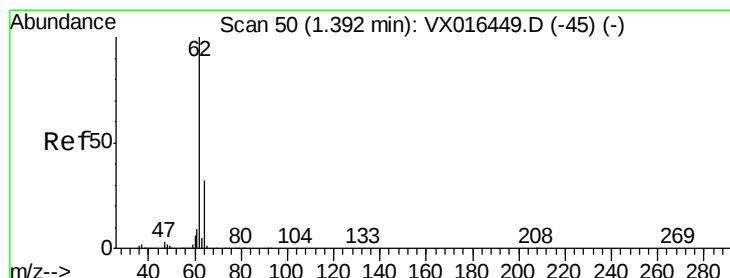
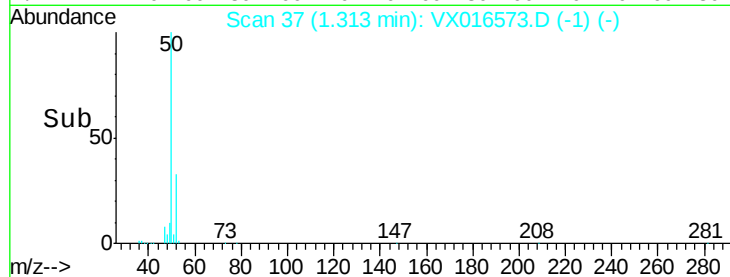
150000

100000

50000

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Time-->



#4

Vinyl Chloride

Concen: 47.353 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016573.D

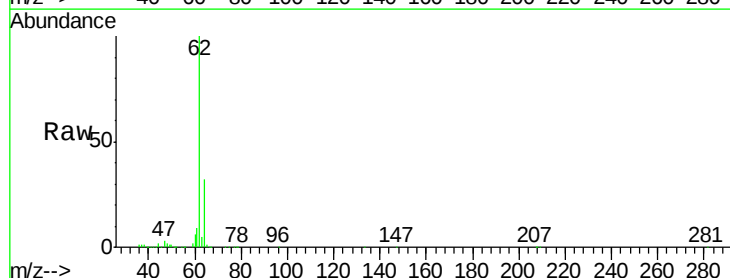
Acq: 03 Jun 2020 17:51

Tgt Ion: 62 Resp: 148154

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

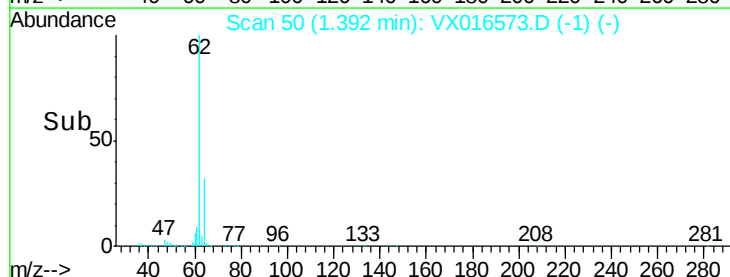
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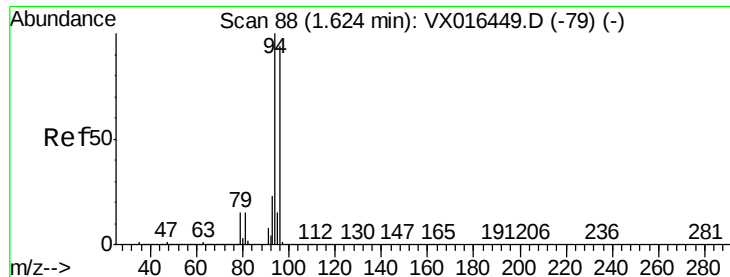
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.350 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70510

Ion Ratio Lower Upper

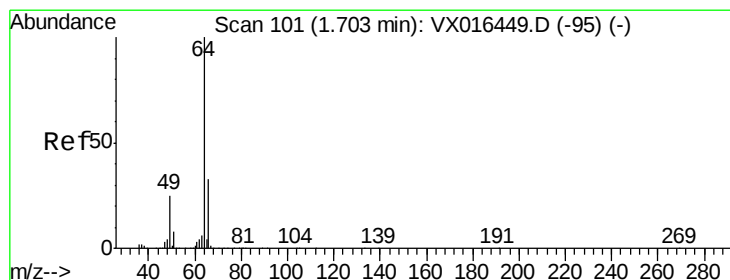
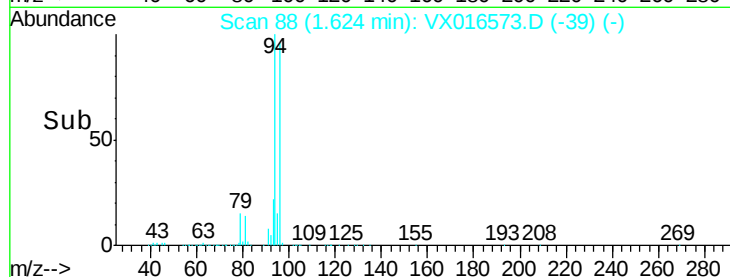
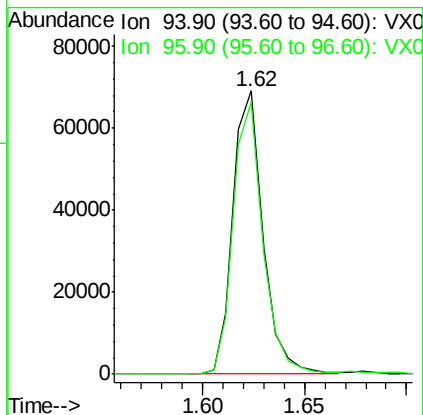
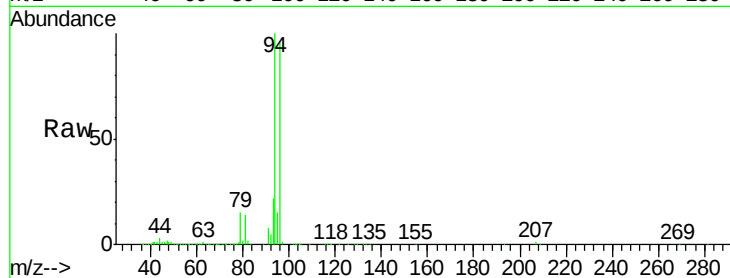
94 100

96 95.8 75.1 112.7

Manual Integrations
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6/4/2020 3:07:39 PM



#6

Chloroethane

Concen: 48.709 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016573.D

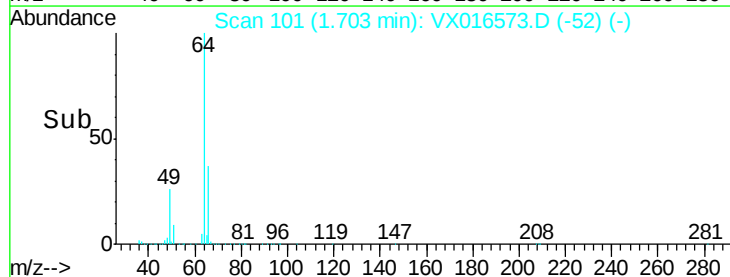
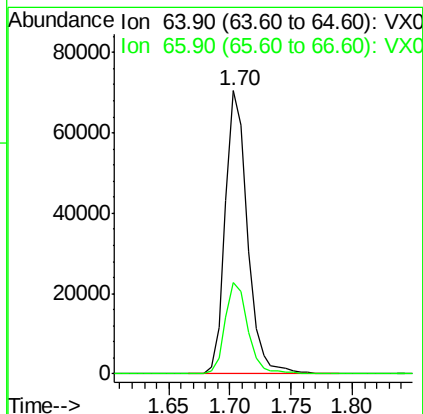
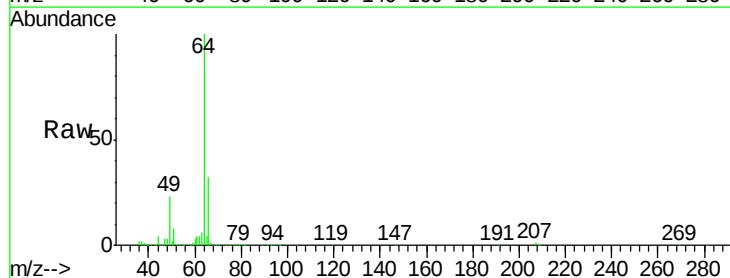
Acq: 03 Jun 2020 17:51

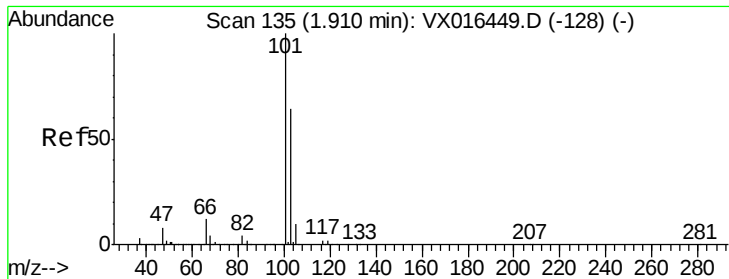
Tgt Ion: 64 Resp: 88897

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1





#7

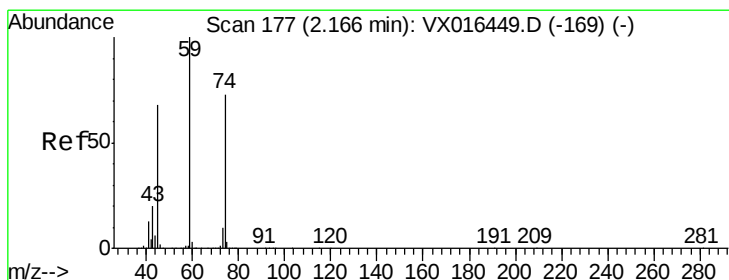
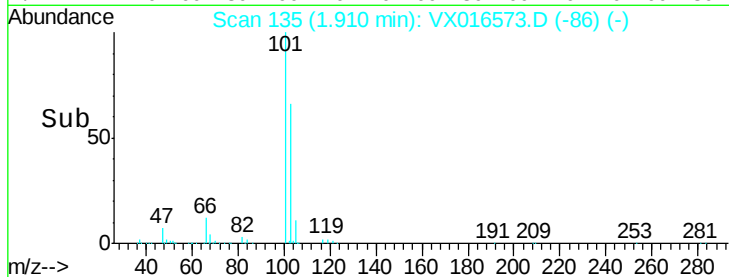
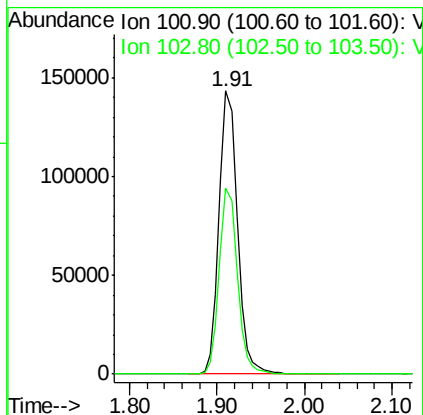
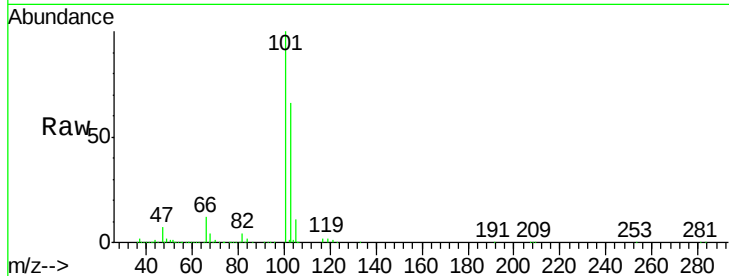
Trichlorofluoromethane
 Concen: 50.765 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016573.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.9	76.3

Manual Integrations
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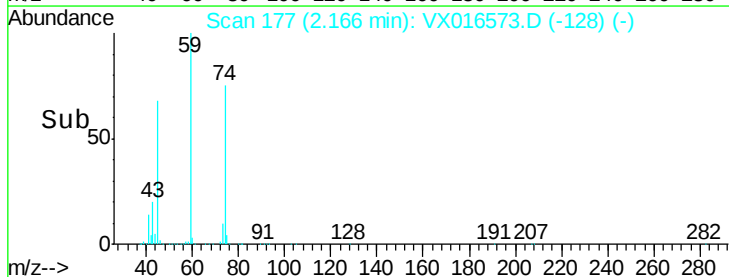
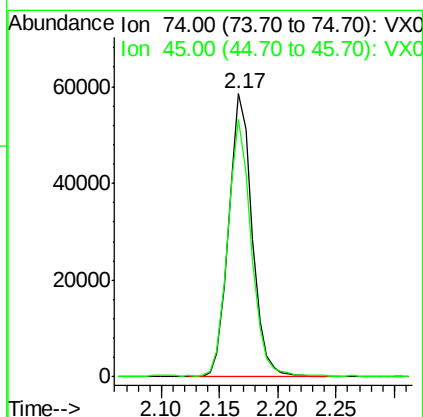
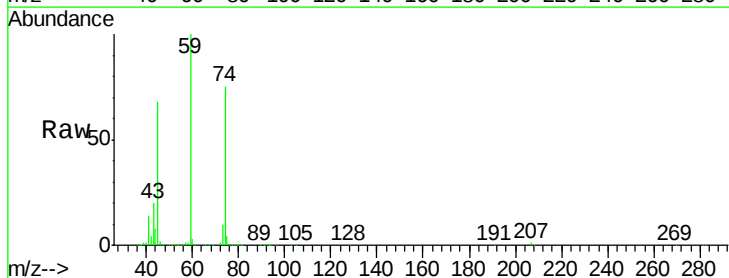
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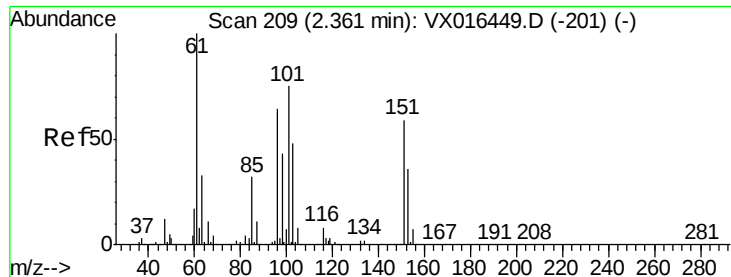


#8

Diethyl Ether
 Concen: 47.962 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.467 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

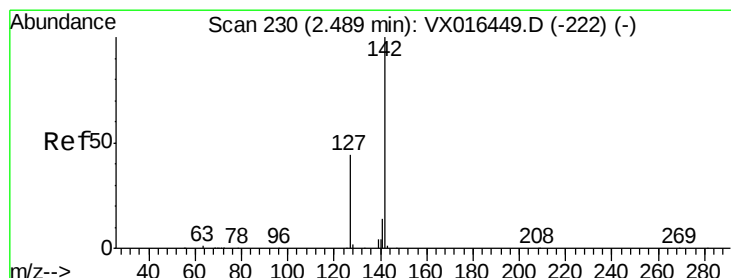
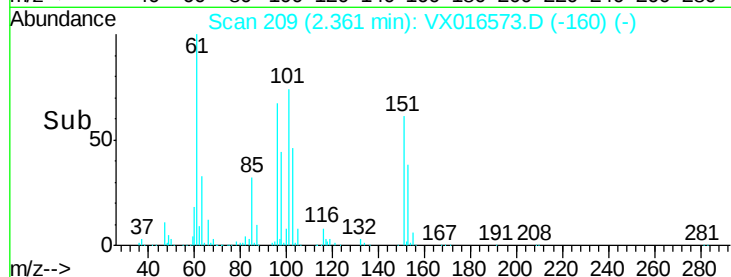
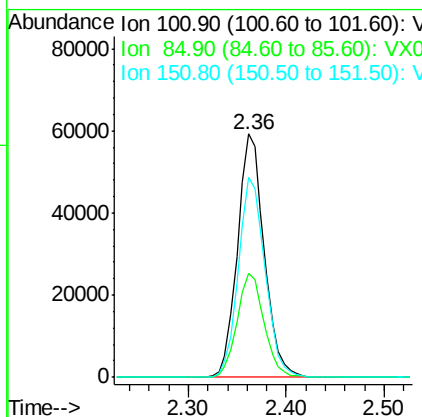
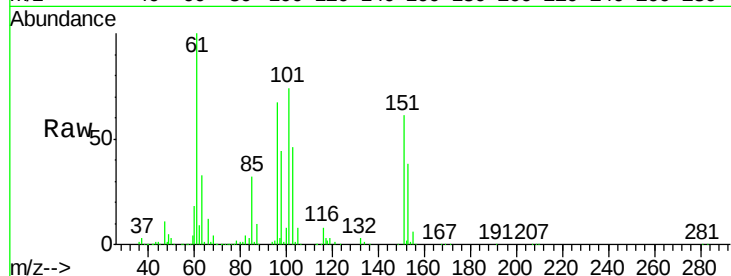
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	111865
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.4	51.6
151	82.9	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 39.898 ug/l

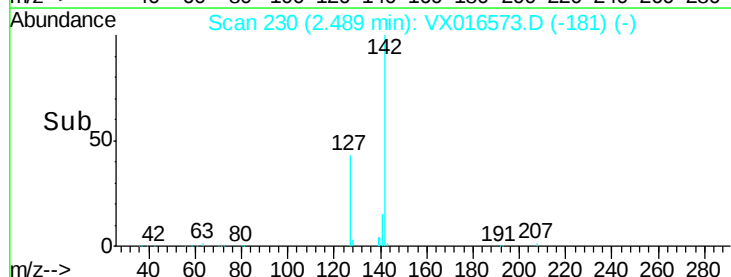
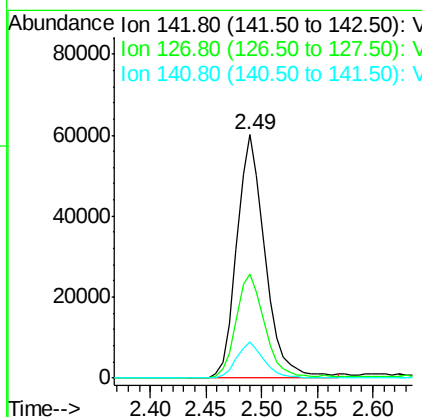
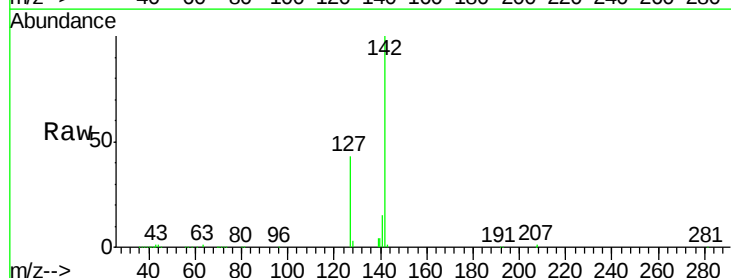
RT: 2.49 min Scan# 230

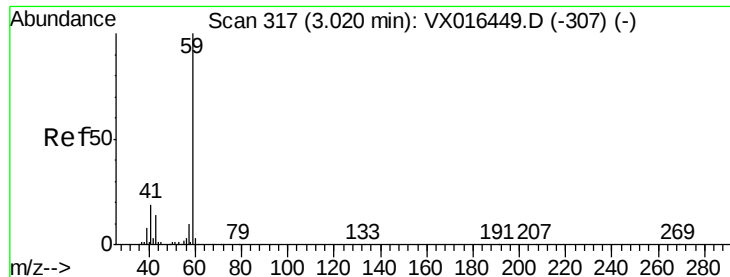
Delta R.T. 0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	142	Resp:	106020
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.3	52.9
141	14.5	11.4	17.2





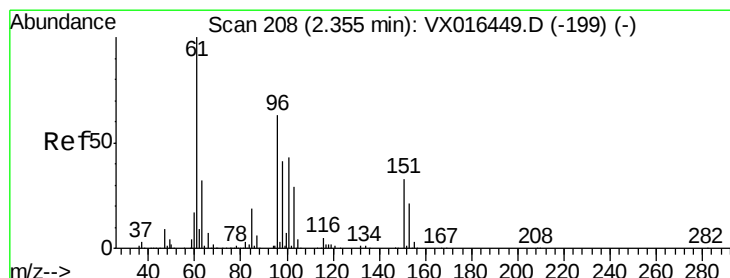
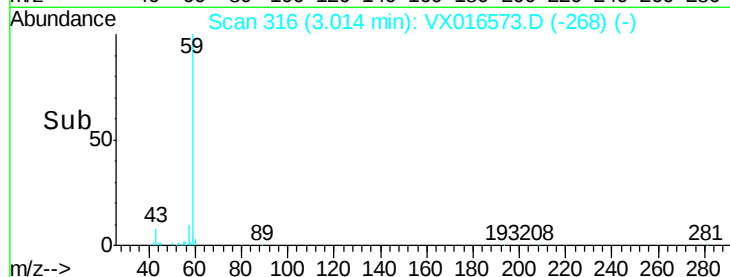
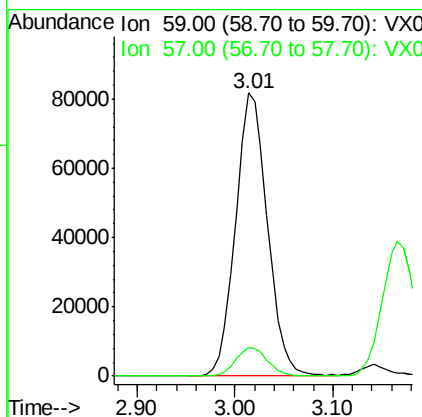
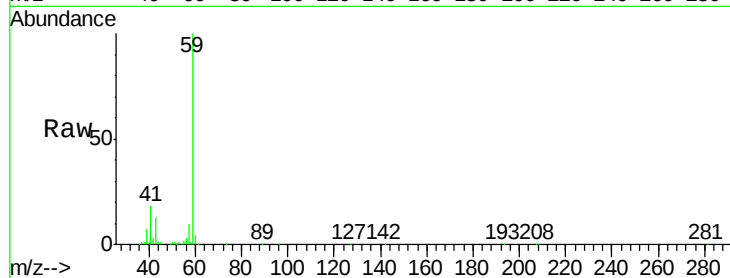
#11
Tert butyl alcohol
Concen: 233.881 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	185284
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.4

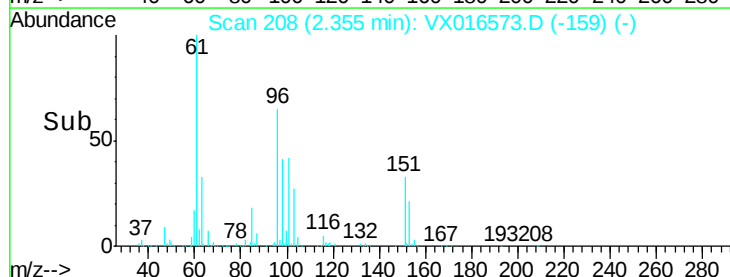
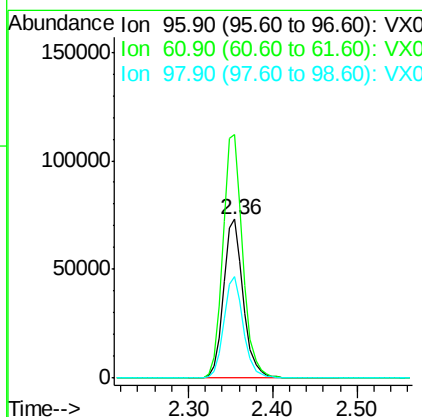
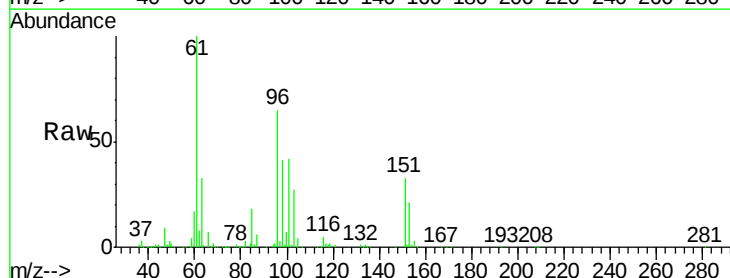
Manual Integrations
APPROVED

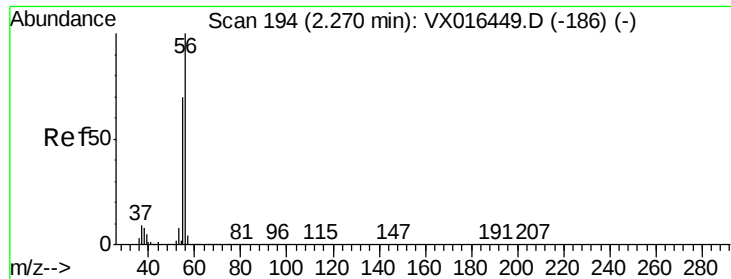
MMDadoda
6/4/2020 3:07:39 PM



#12
1,1-Dichloroethene
Concen: 48.819 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	96	Resp	116857
Ion Ratio	100	Lower	Upper
61	153.3	126.6	189.8
98	63.6	51.3	76.9





#13

Acrolein

Concen: 270.449 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 91141

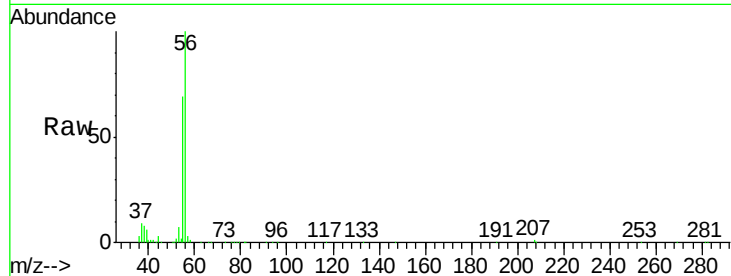
Ion Ratio Lower Upper

56 100

55 68.8 58.3 87.5

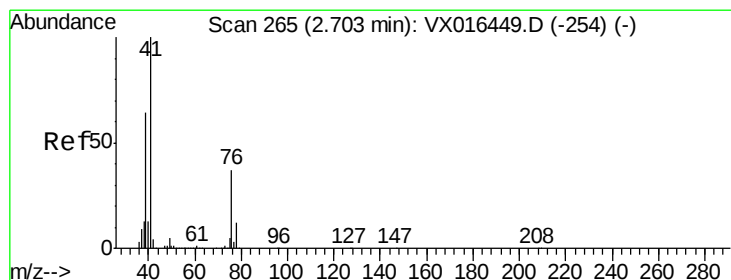
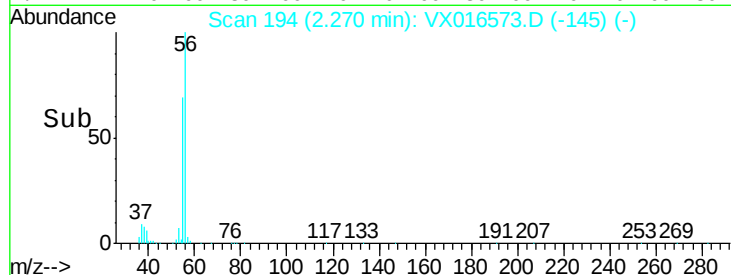
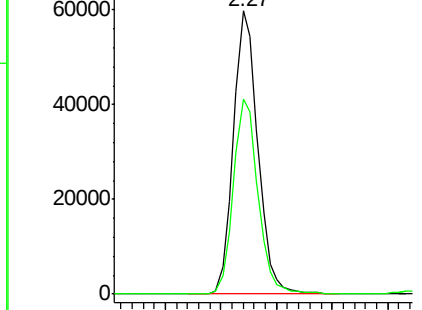
Manual Integrations
APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.327 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

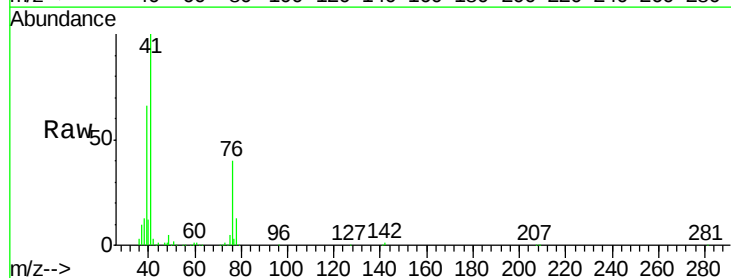
Tgt Ion: 41 Resp: 203937

Ion Ratio Lower Upper

41 100

39 60.2 47.7 71.5

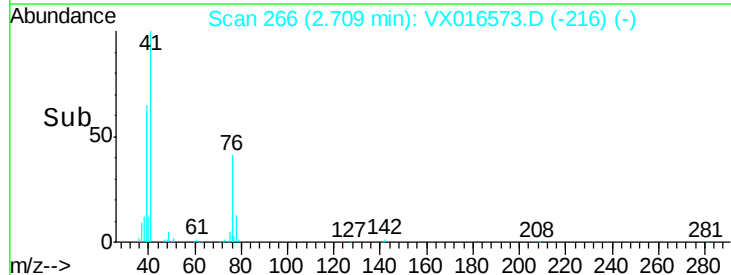
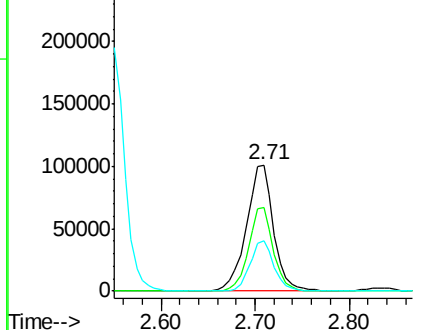
76 35.3 26.6 40.0

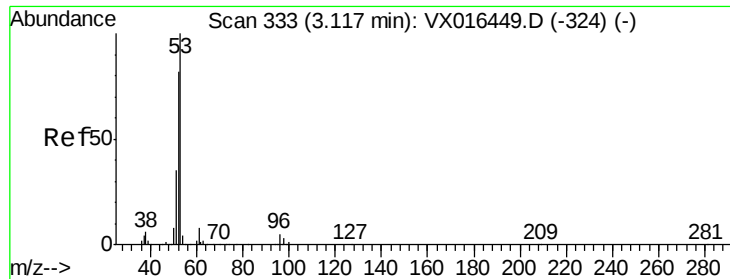


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





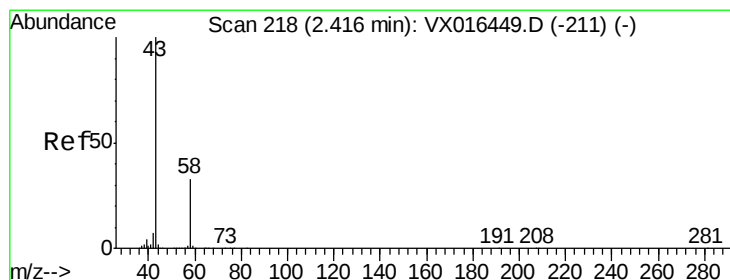
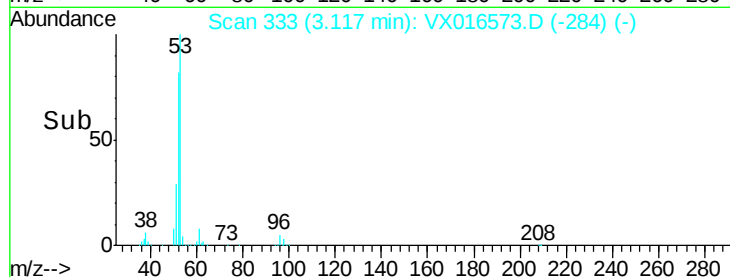
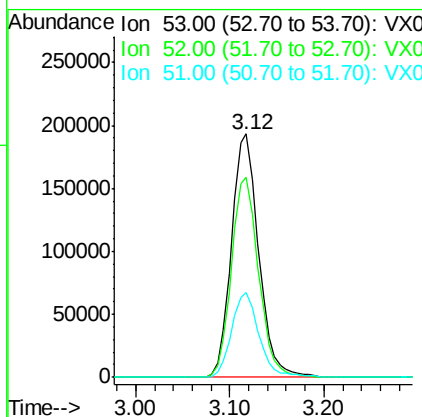
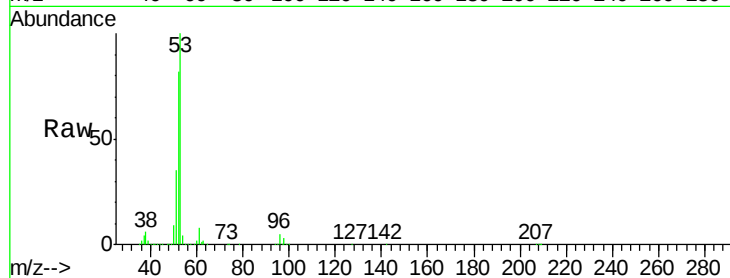
#15
 Acrylonitrile
 Concen: 239.534 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	53	Resp:	388717
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.7	100.1
51	35.2	28.6	43.0

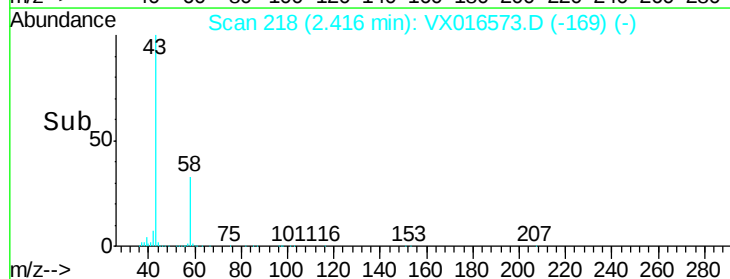
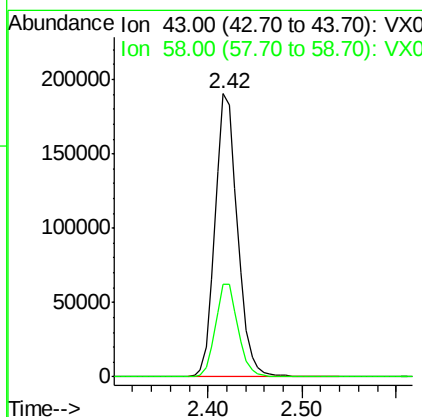
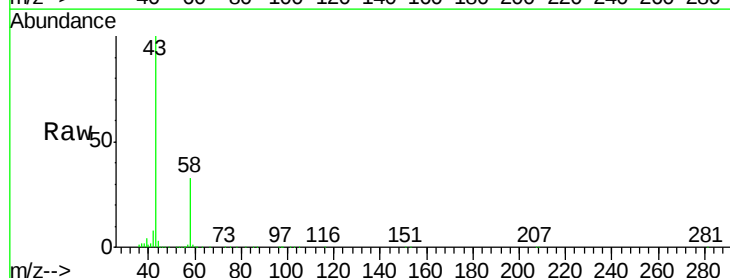
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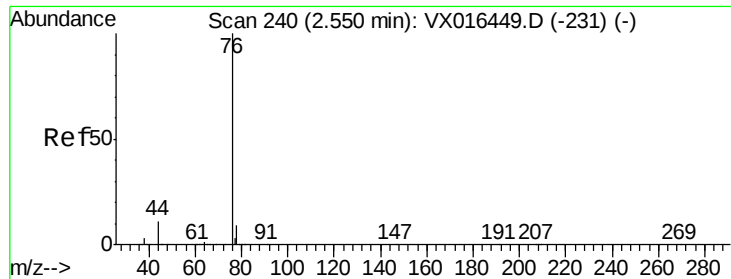
MMDadoda
 6/4/2020 3:07:39 PM



#16
 Acetone
 Concen: 231.908 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion:	43	Resp:	313895
Ion Ratio	Lower	Upper	
43	100		
58	32.5	26.1	39.1





#17

Carbon Disulfide

Concen: 45.548 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 323775

Ion Ratio Lower Upper

76 100

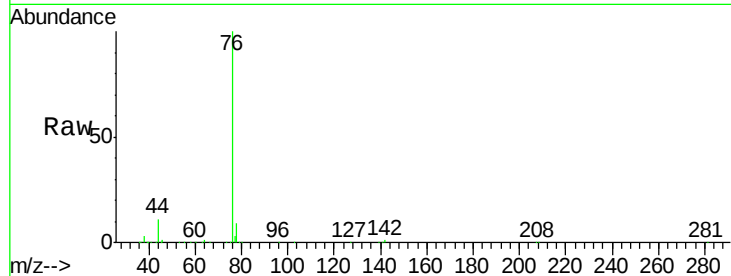
78 9.2 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

50000

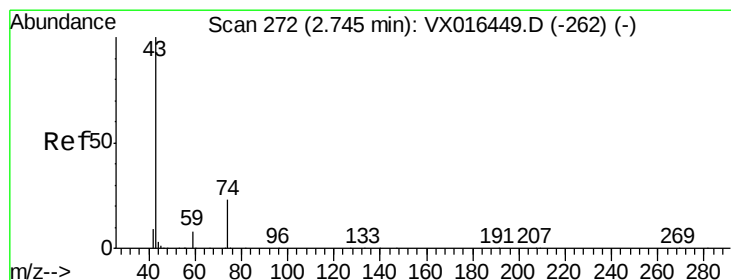
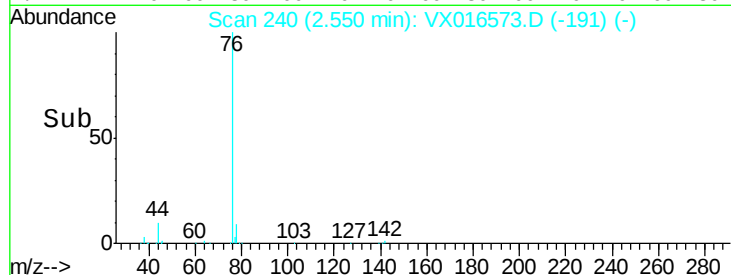
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.922 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016573.D

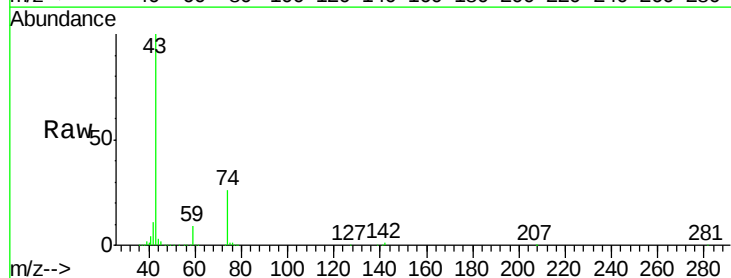
Acq: 03 Jun 2020 17:51

Tgt Ion: 43 Resp: 169834

Ion Ratio Lower Upper

43 100

74 26.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

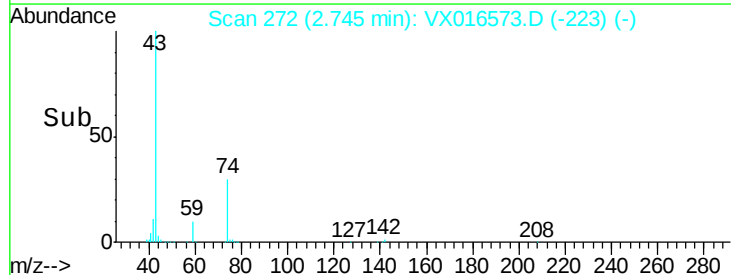
20000

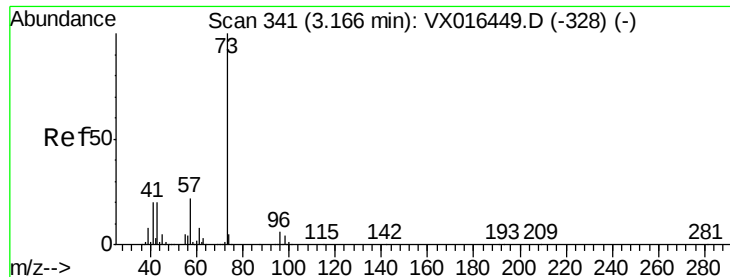
0

2.75

2.80

Time-->





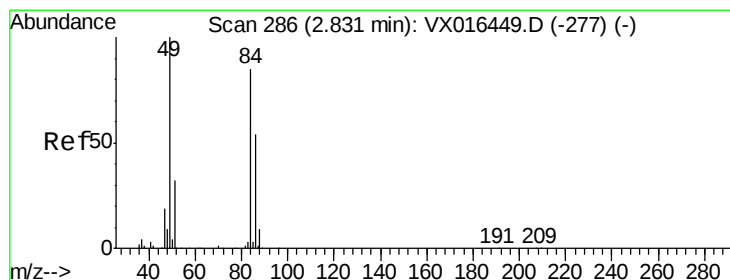
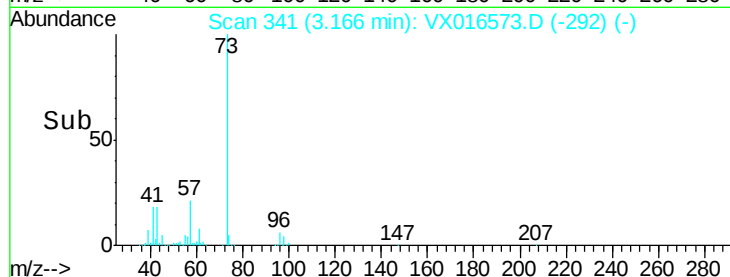
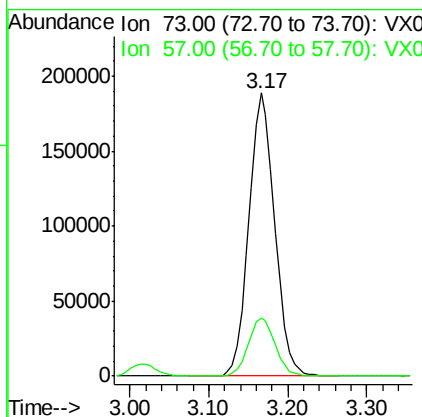
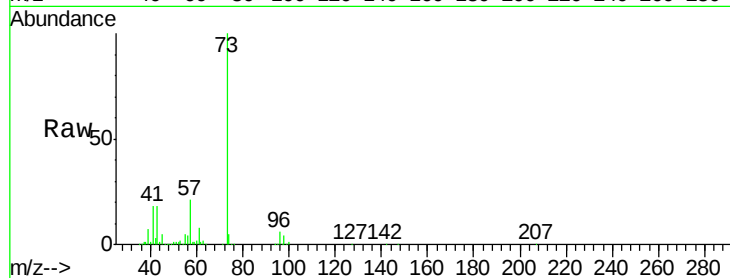
#19
Methvl tert-butvl Ether
Concen: 49.838 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.8	26.6

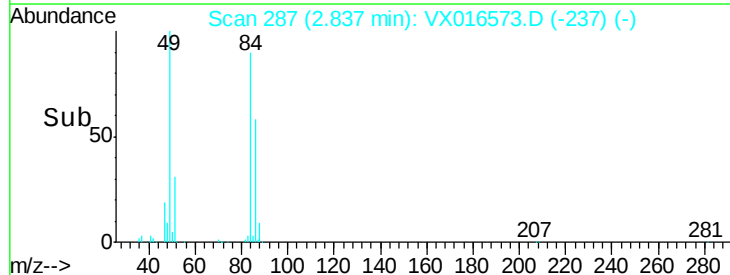
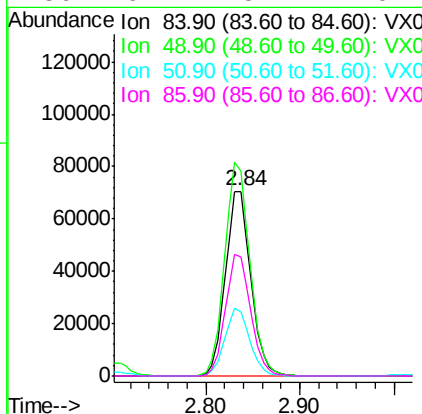
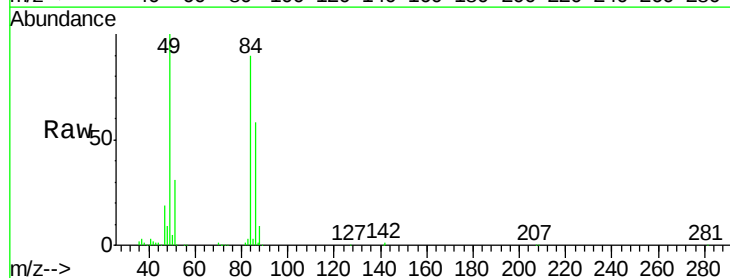
Manual Integrations
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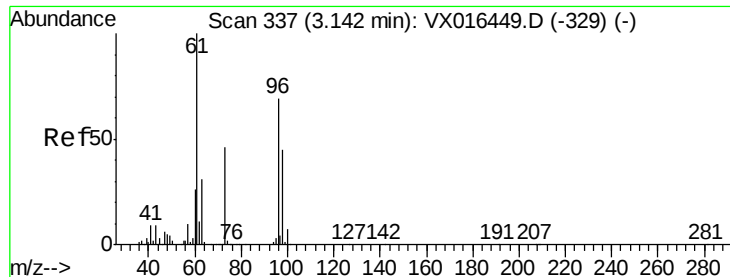
MMDadoda
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#20
Methylene Chloride
Concen: 47.251 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.2	94.5	141.7
51	34.5	30.2	45.4
86	64.7	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.910 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

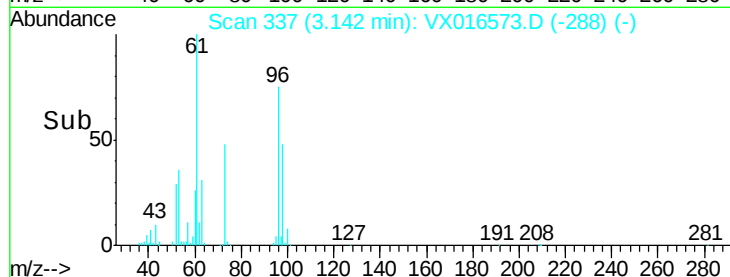
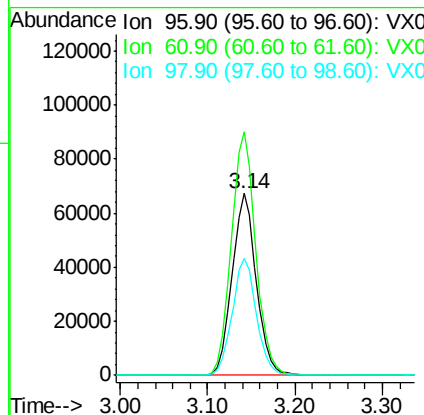
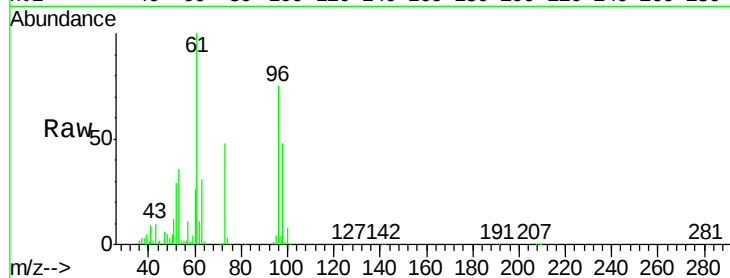
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	129499
Ion	Ratio	Lower	Upper
96	100		
61	133.8	115.3	172.9
98	64.0	51.9	77.9

Manual Integrations
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6/4/2020 3:07:39 PM



#22

Diisopropyl ether

Concen: 46.200 ug/l

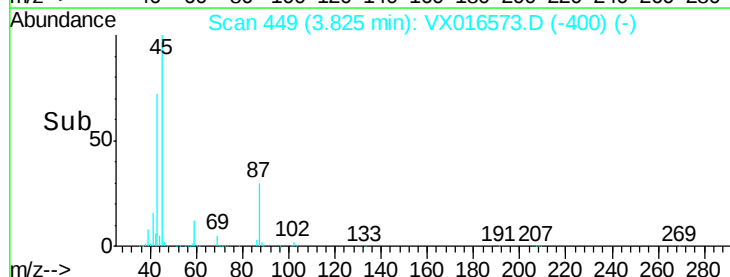
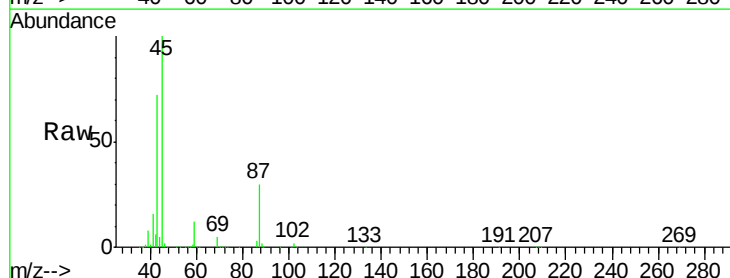
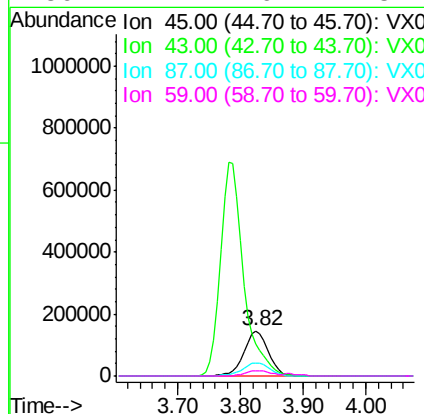
RT: 3.82 min Scan# 449

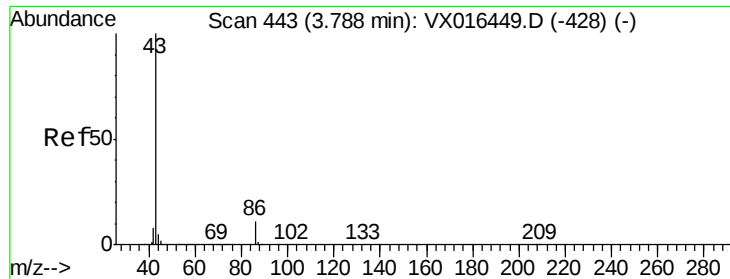
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	45	Resp:	390701
Ion	Ratio	Lower	Upper
45	100		
43	71.6	57.0	85.6
87	29.5	22.5	33.7
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 237.787 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1760136

Ion Ratio Lower Upper

43 100

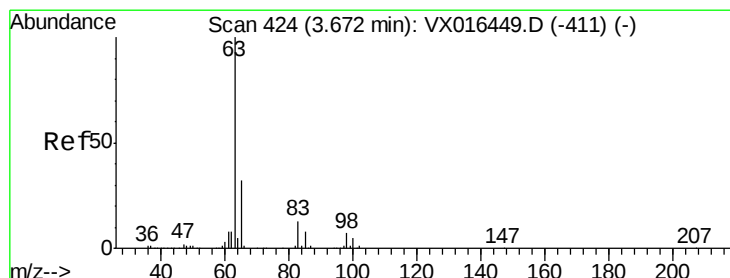
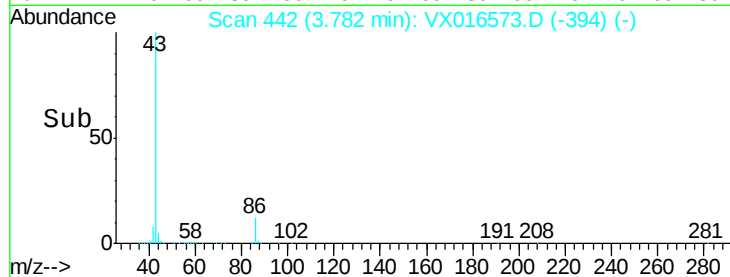
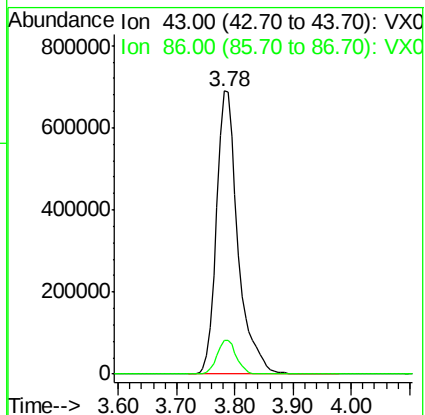
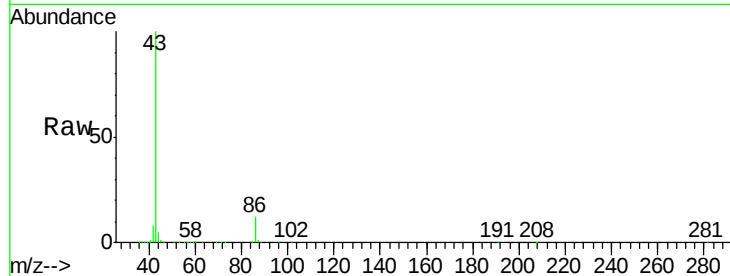
86 11.8 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.126 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

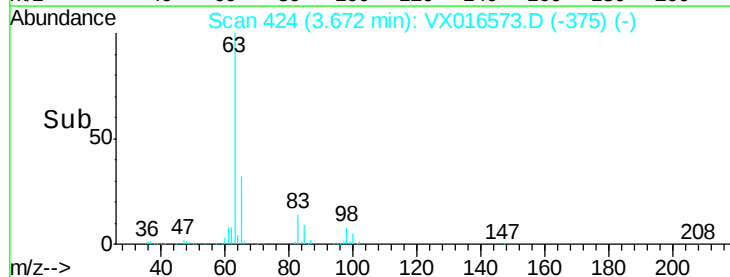
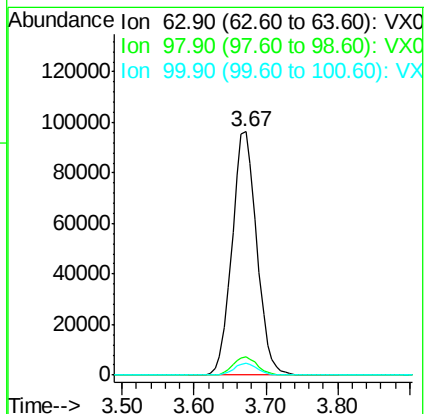
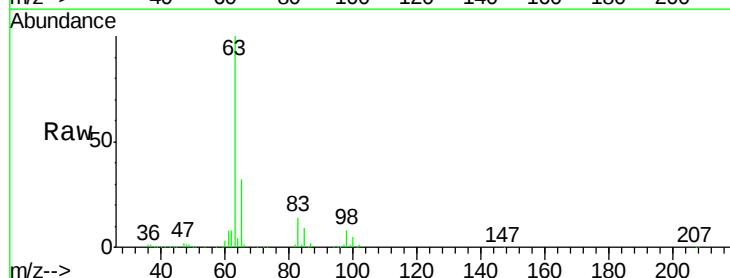
Tgt Ion: 63 Resp: 229709

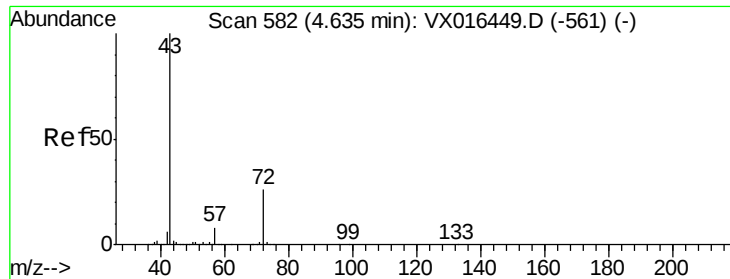
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.1





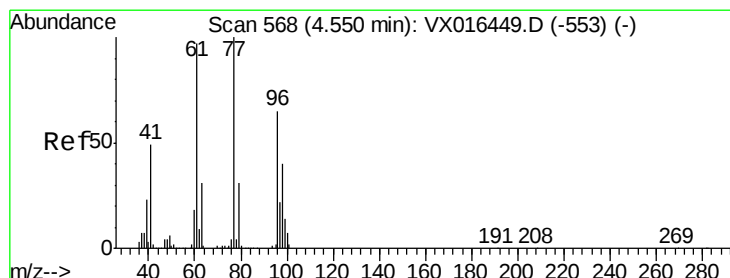
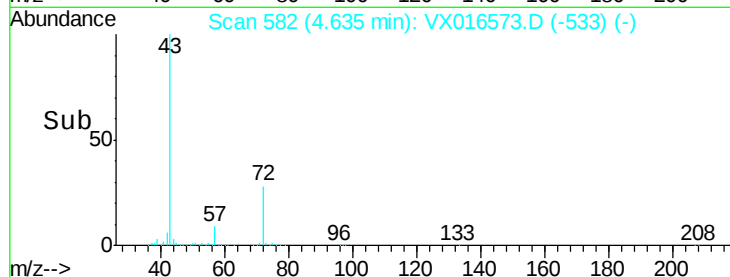
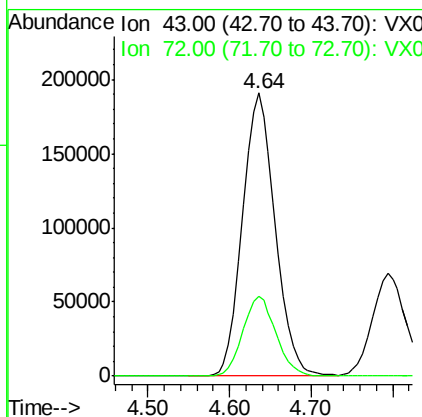
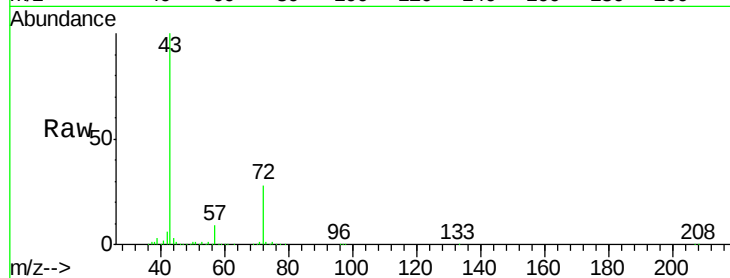
#25
2-Butanone
Concen: 231.145 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 530132
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.6

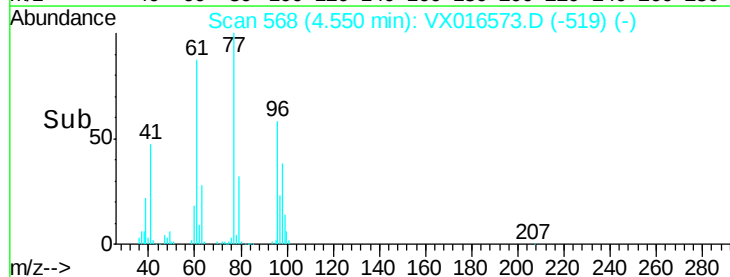
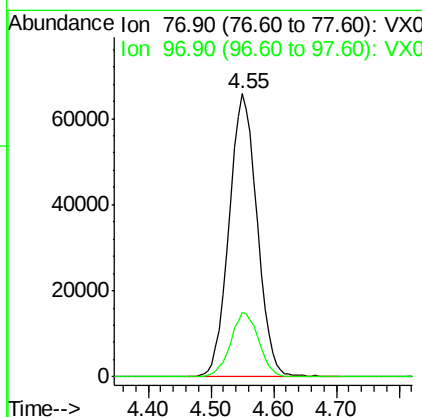
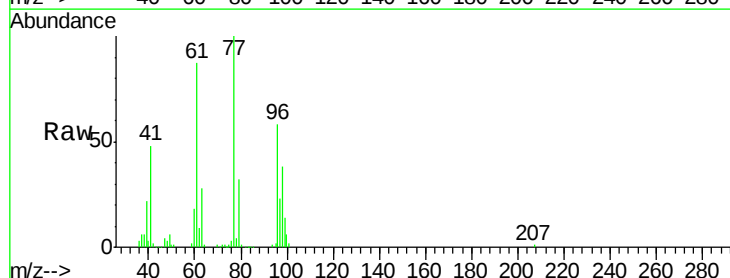
Manual Integrations
APPROVED

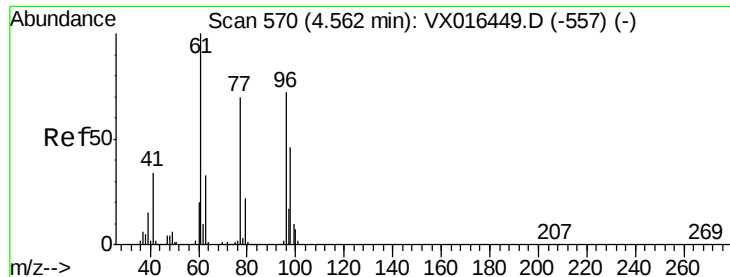
MMDadoda
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#26
2,2-Dichloropropane
Concen: 52.068 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 77 Resp: 203361
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

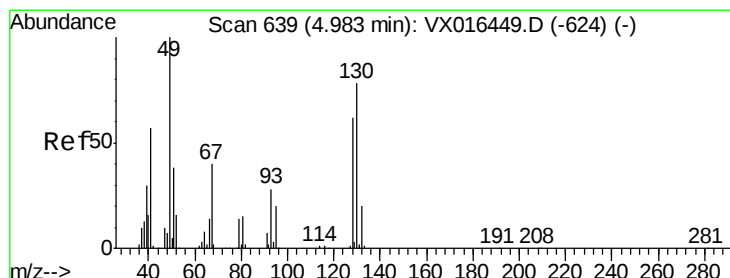
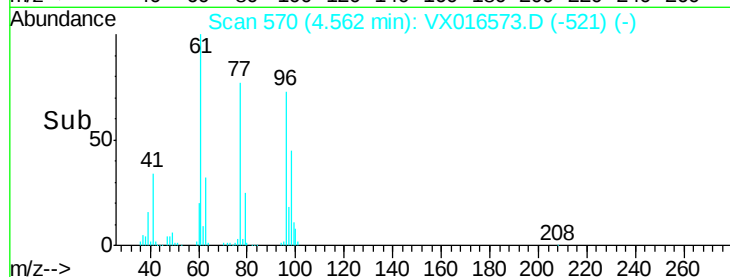
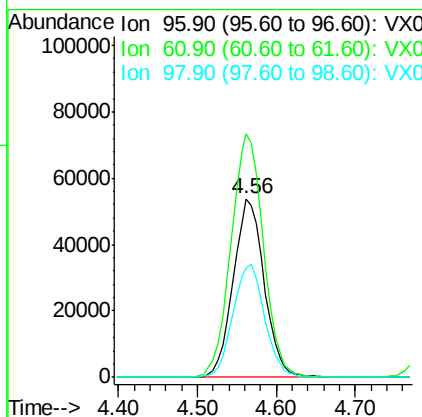
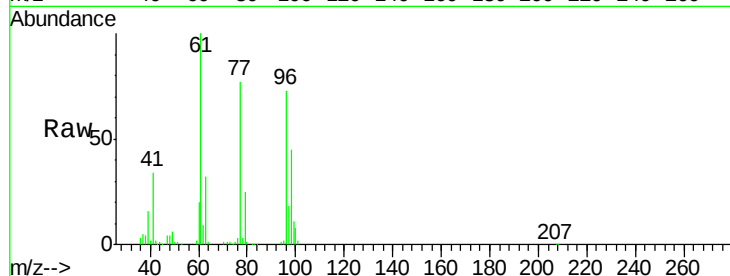
cis-1,2-Dichloroethene
Concen: 47.886 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146677		
61	143.0	0.0	284.6	
98	65.0	0.0	127.2	

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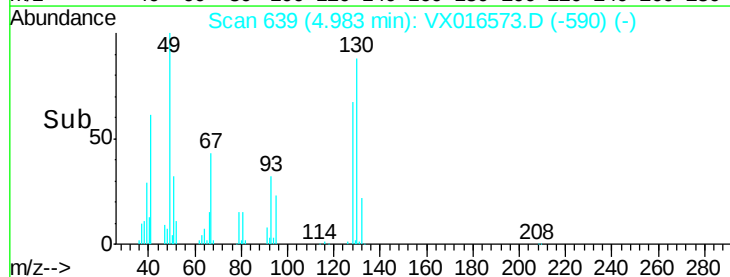
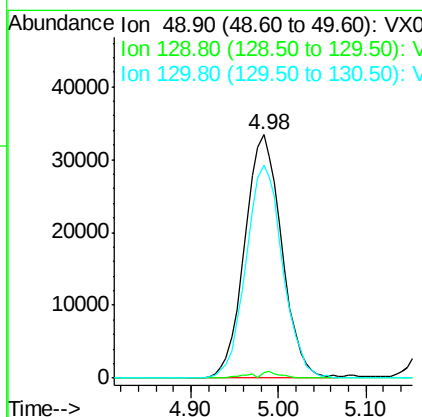
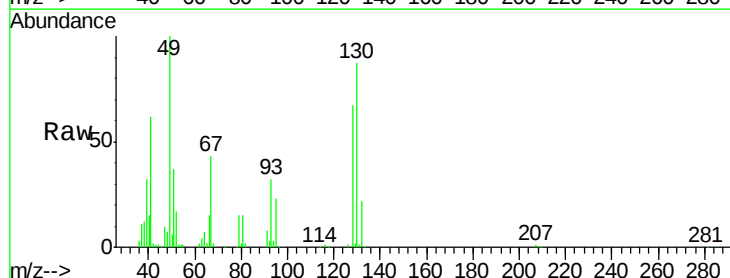
MMDadoda
6/4/2020 3:07:39 PM



#28

Bromochloromethane
Concen: 44.312 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	98286		
129	1.3	0.0	4.0	
130	86.7	63.0	94.4	





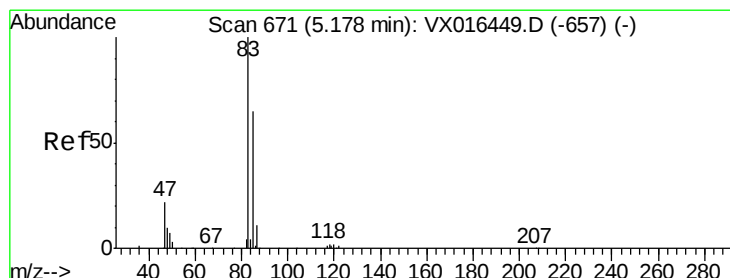
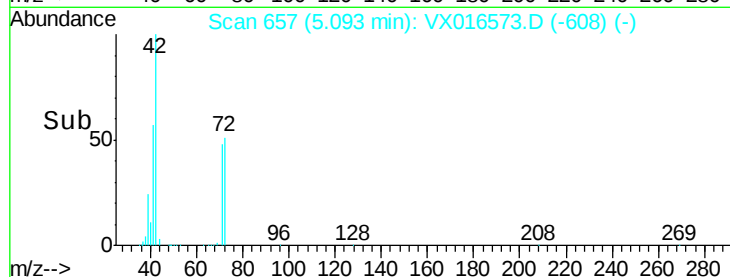
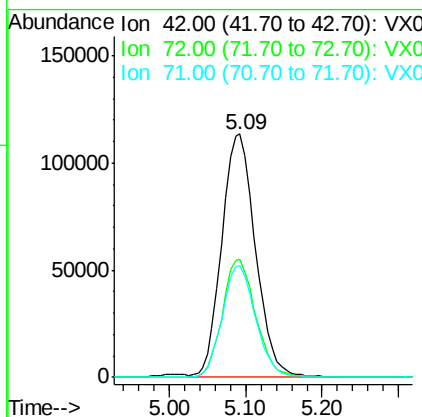
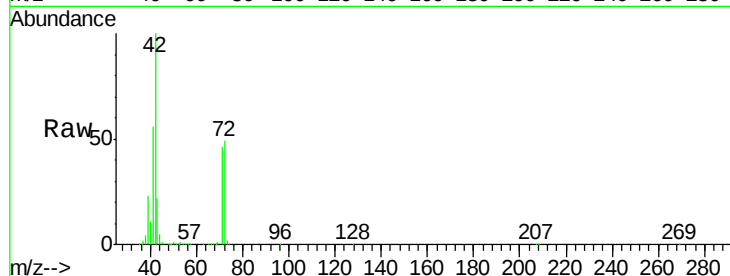
#29
Tetrahydrofuran
Concen: 233.499 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.0	55.4
71	45.4	34.1	51.1

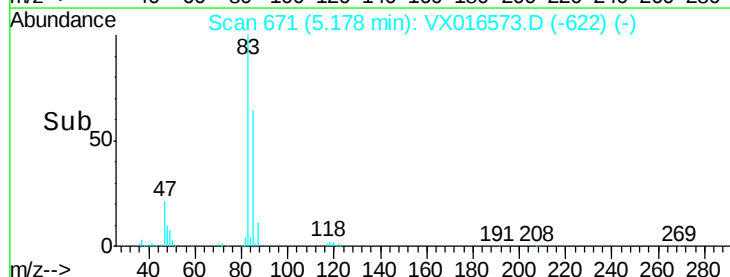
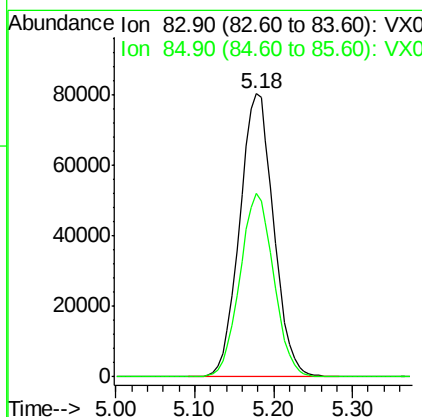
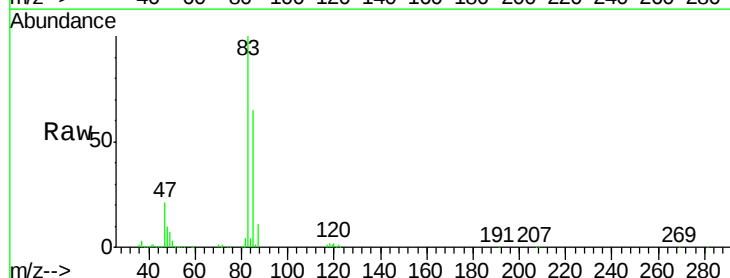
Manual Integrations
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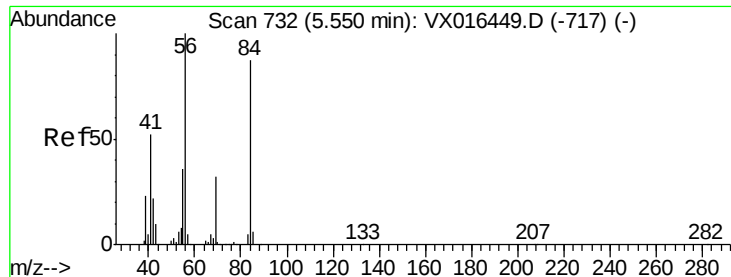
MMDadoda
6/4/2020 3:07:39 PM



#30
Chloroform
Concen: 49.999 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31

Cyclohexane

Concen: 45.490 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

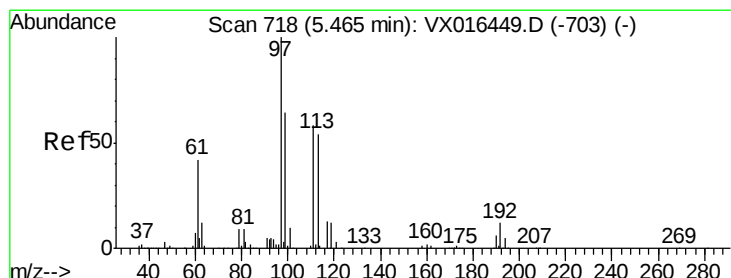
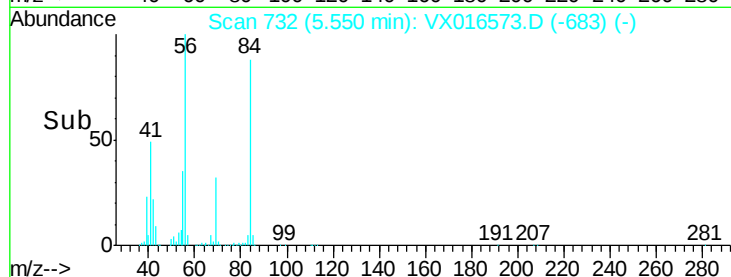
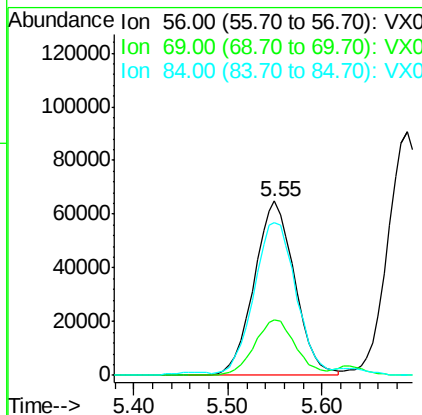
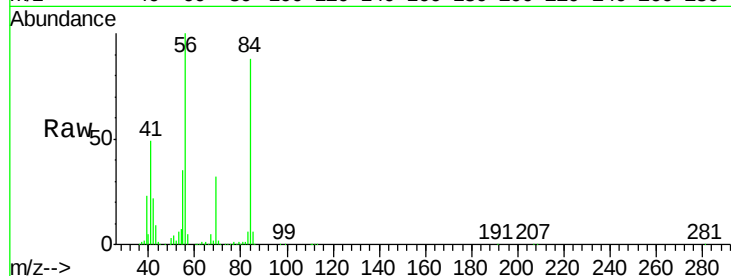
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.6	25.7	38.5	
84	86.4	70.0	105.0	

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6/4/2020 3:07:39 PM



#32

1,1,1-Trichloroethane

Concen: 50.527 ug/l

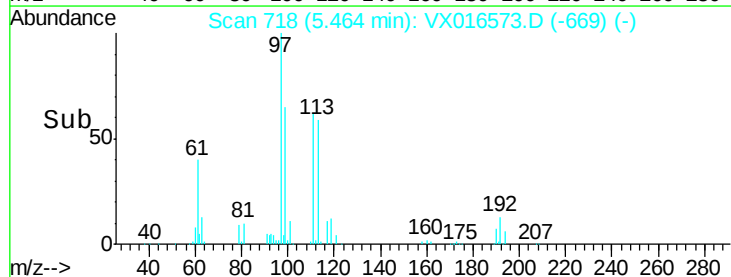
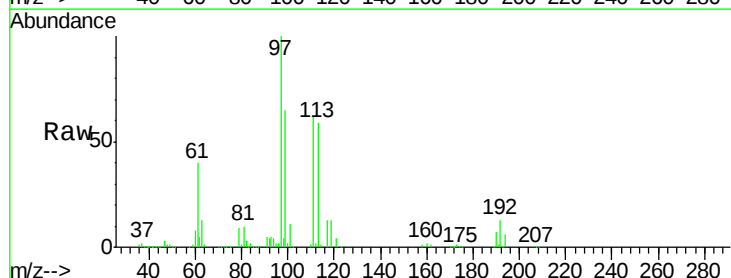
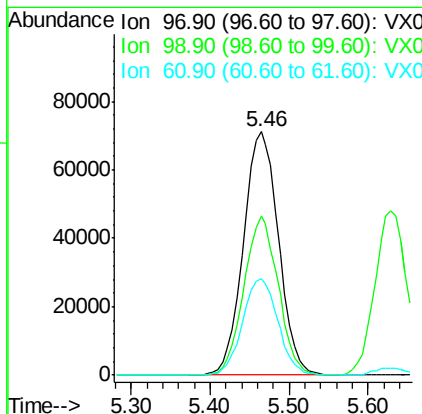
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.9	51.4	77.2	
61	40.1	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 151417

Ion Ratio Lower Upper

65 100

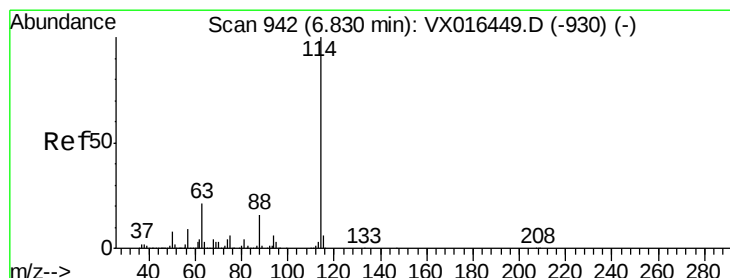
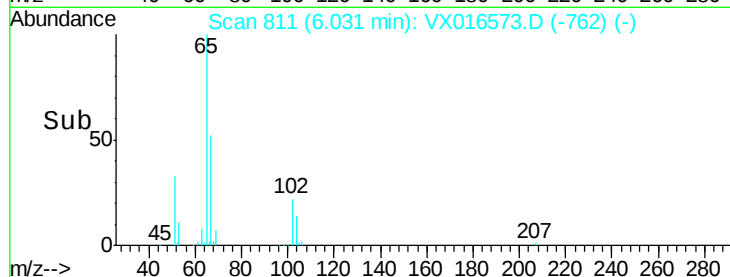
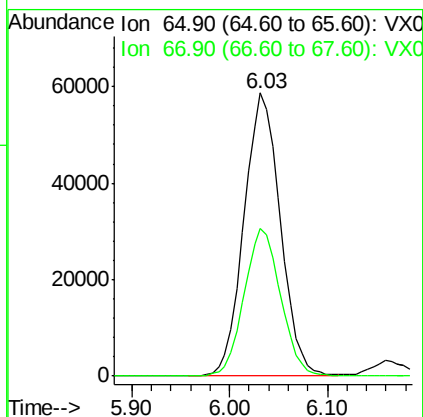
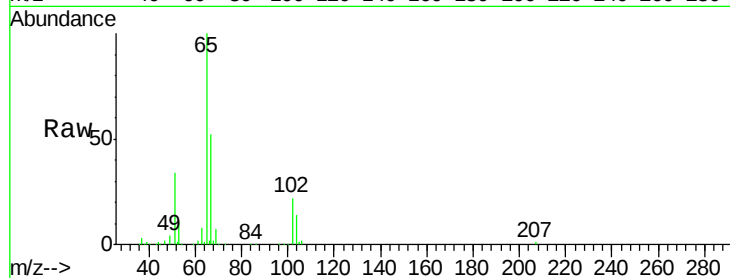
67 52.3 0.0 104.8

Manual Integrations

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6/4/2020 3:07:39 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

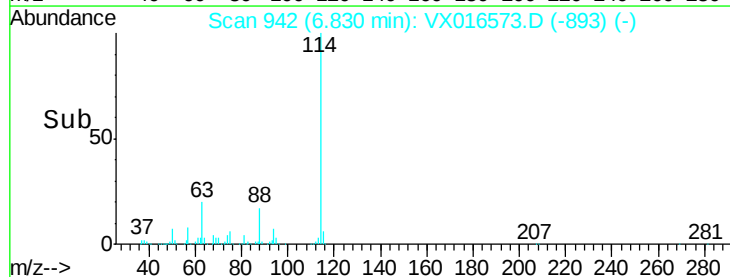
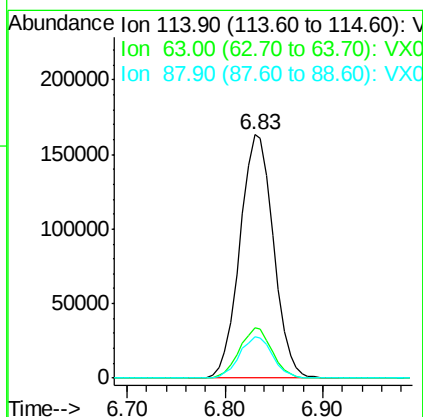
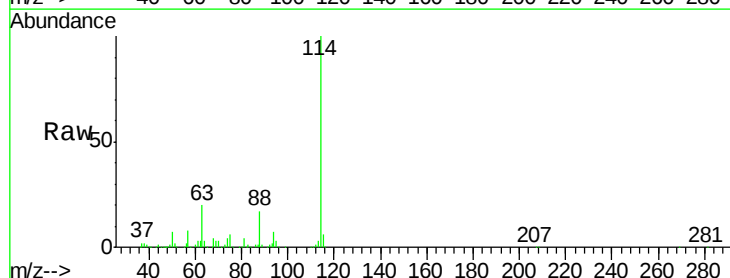
Tgt Ion: 114 Resp: 389109

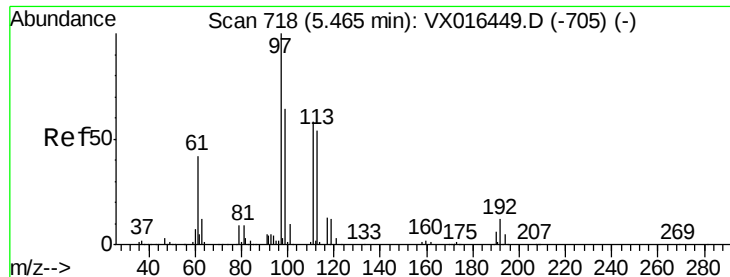
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.199 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

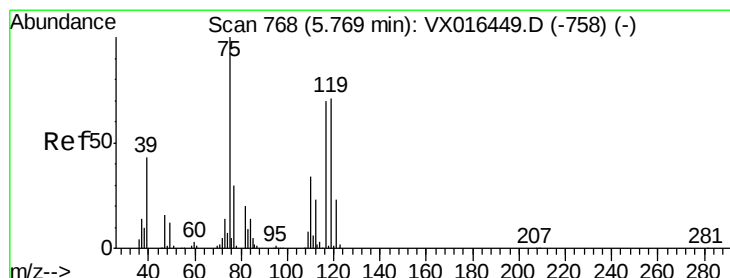
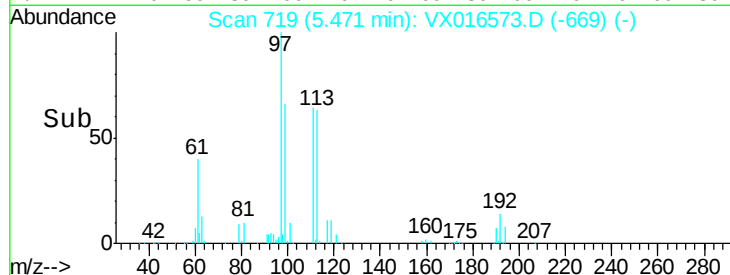
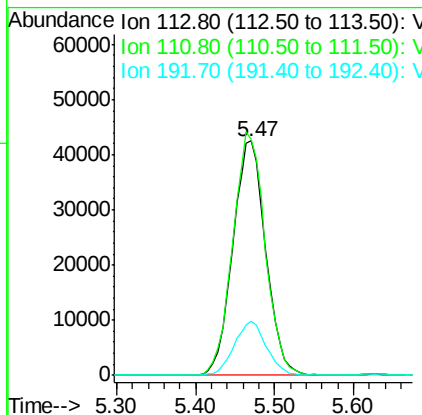
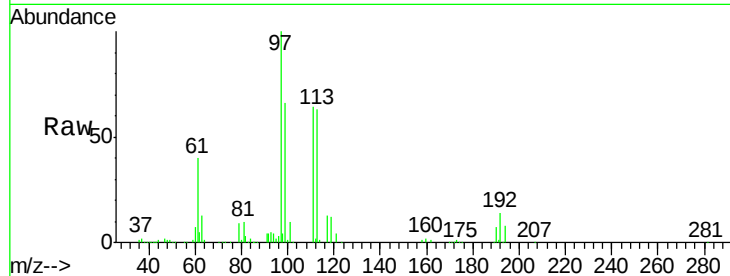
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	122668
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.0	124.6
192	22.6	17.7	26.5

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6/4/2020 3:07:39 PM



#36

1,1-Dichloropropene

Concen: 48.036 ug/l

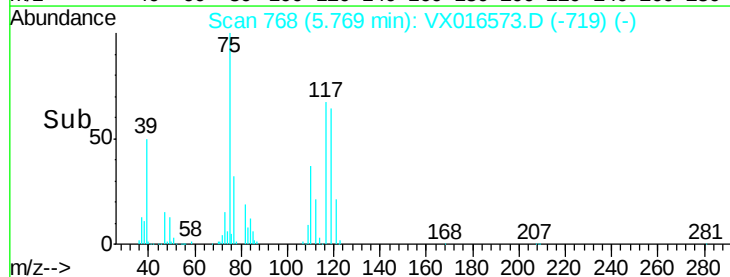
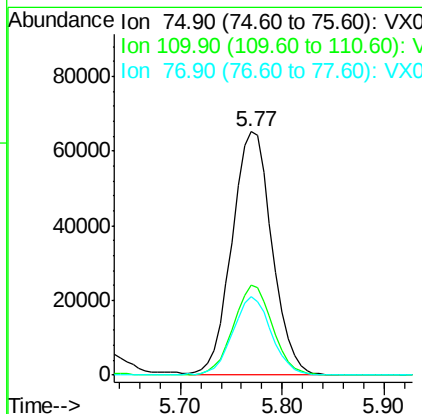
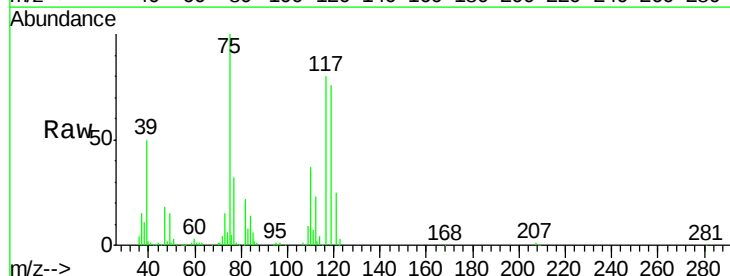
RT: 5.77 min Scan# 768

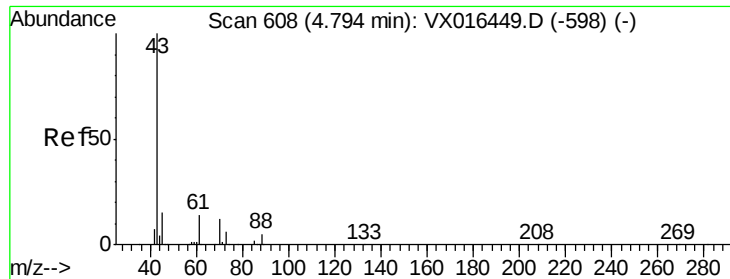
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	75	Resp:	176969
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.4	52.3
77	30.7	24.2	36.4





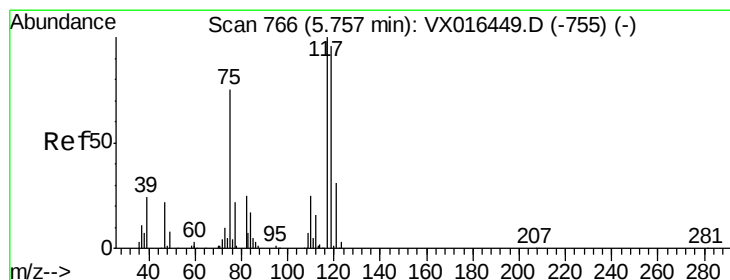
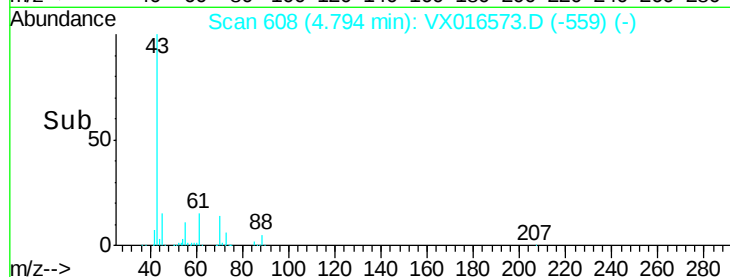
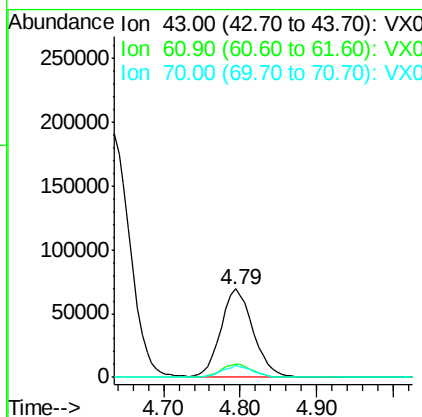
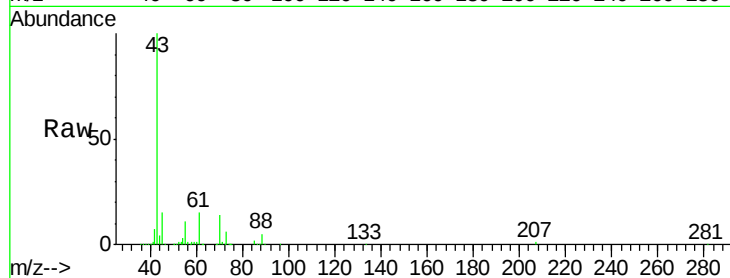
#37
Ethyl Acetate
Concen: 45.215 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	199992
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.3	16.9
70	12.9	9.3	13.9

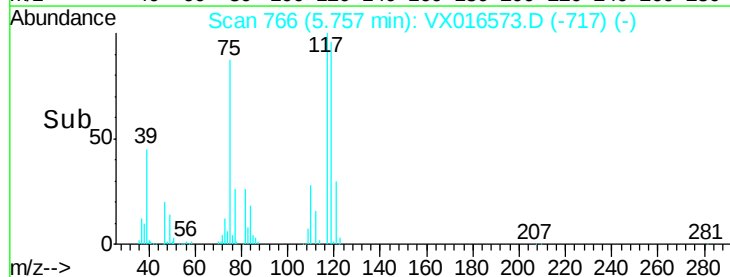
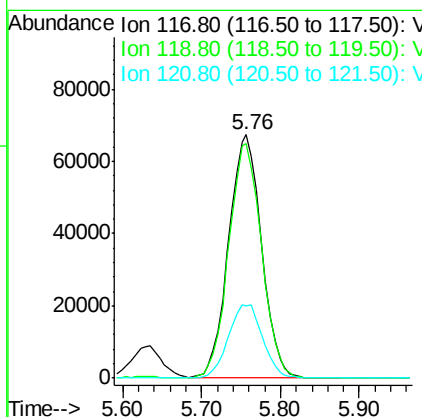
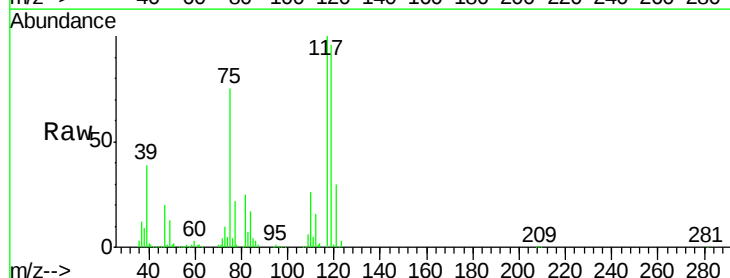
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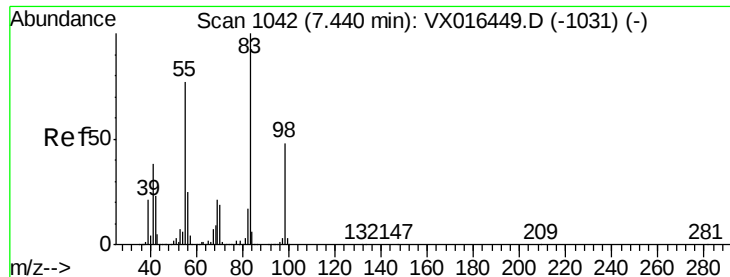
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.523 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	117	Resp	195607
Ion Ratio	Lower	Upper	
117	100		
119	96.2	76.3	114.5
121	29.8	24.6	37.0





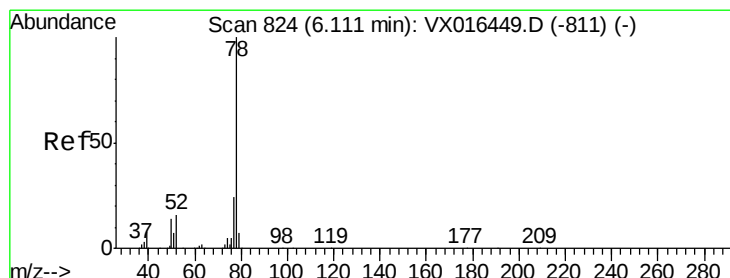
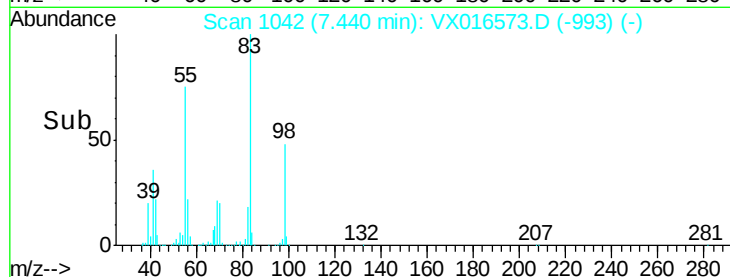
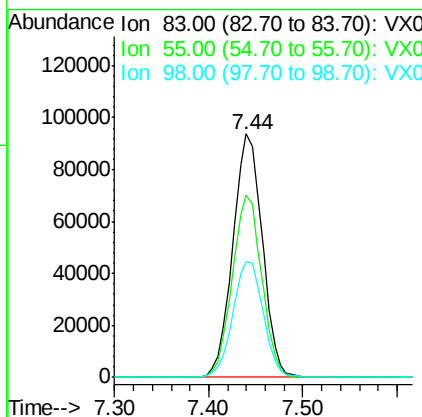
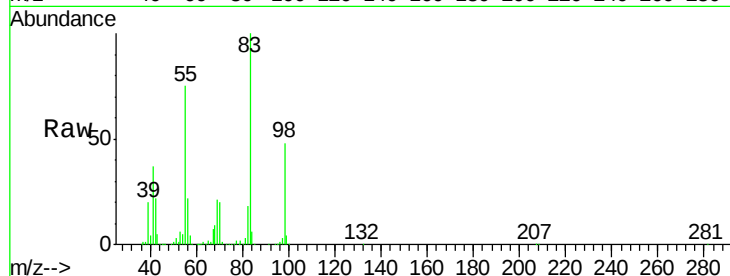
#39
Methvlcvclohexane
Concen: 50.792 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.7	92.5
98	47.7	38.7	58.1

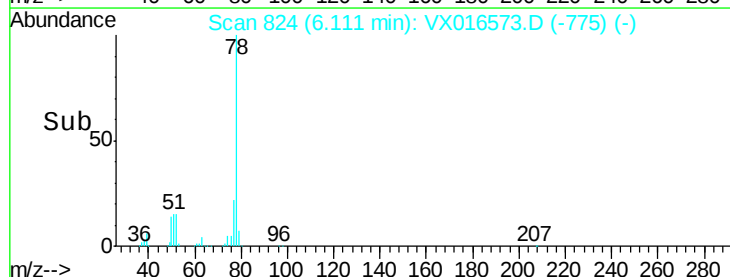
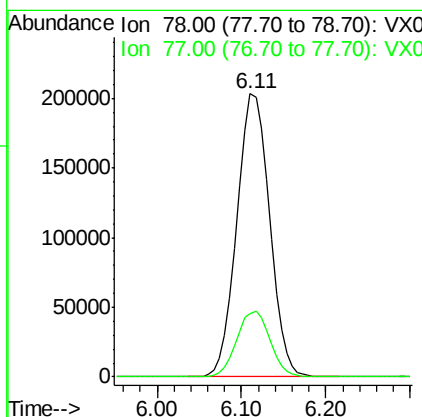
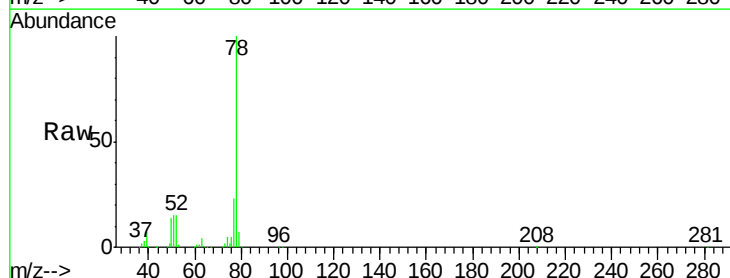
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6/4/2020 3:07:39 PM



#40
Benzene
Concen: 48.800 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.9	28.3





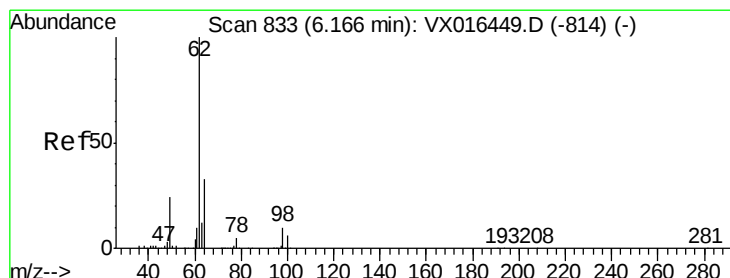
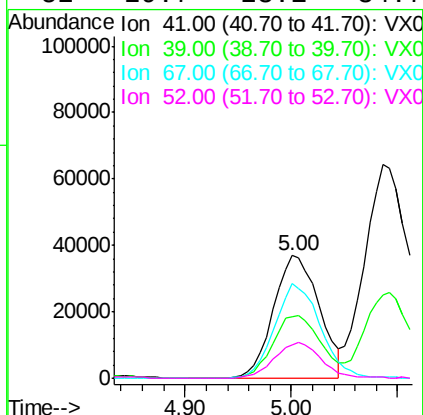
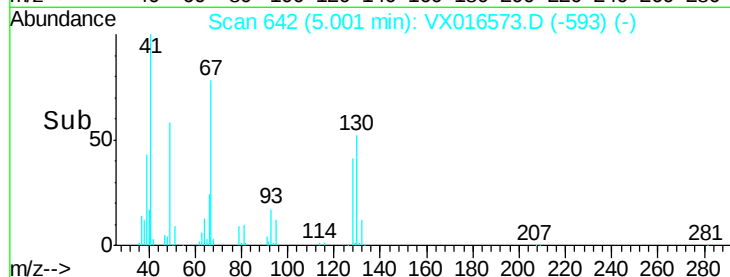
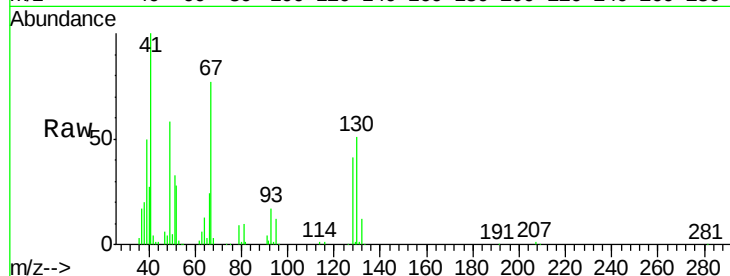
#41
Methacrylonitrile
Concen: 45.145 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.0	64.4	
67	77.2	58.9	88.3	
52	29.7	23.1	34.7	

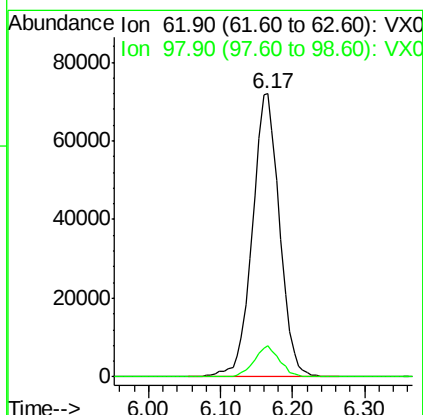
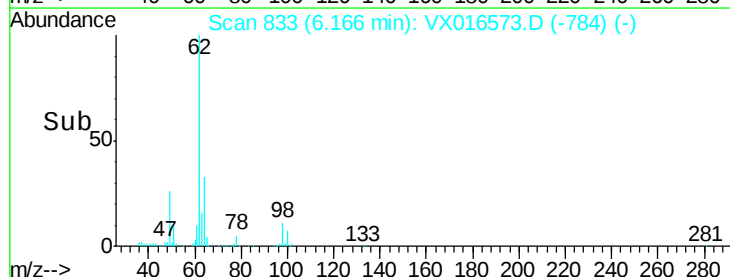
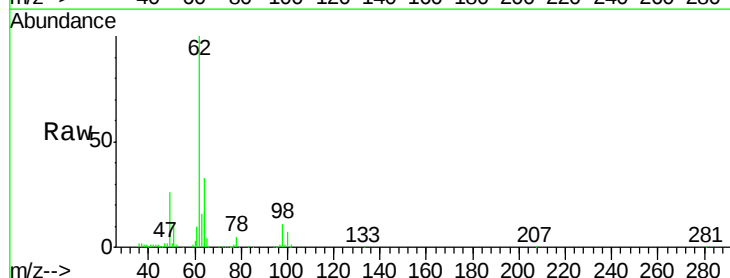
Manual Integrations
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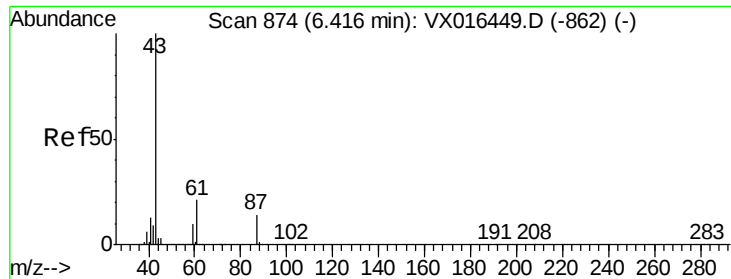
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6/4/2020 3:07:39 PM



#42
1,2-Dichloroethane
Concen: 48.451 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.8	





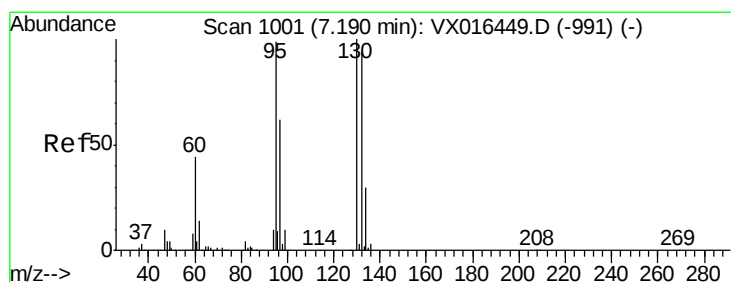
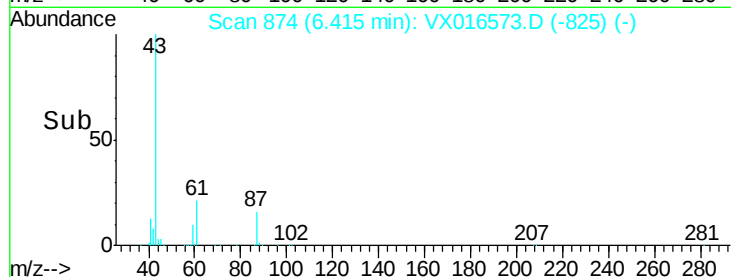
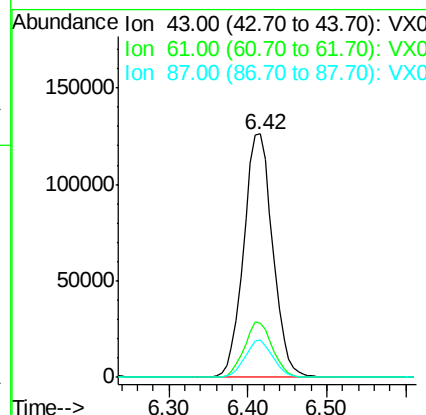
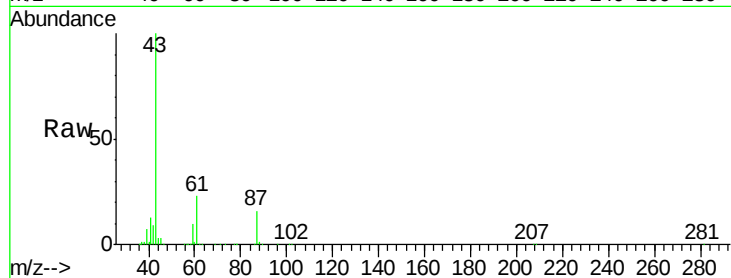
#43
Isopropyl Acetate
Concen: 46.741 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	14.8	11.2	16.8

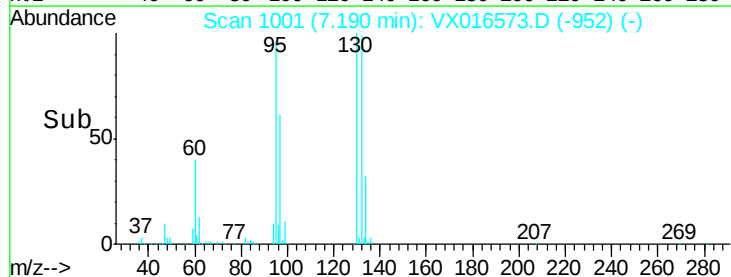
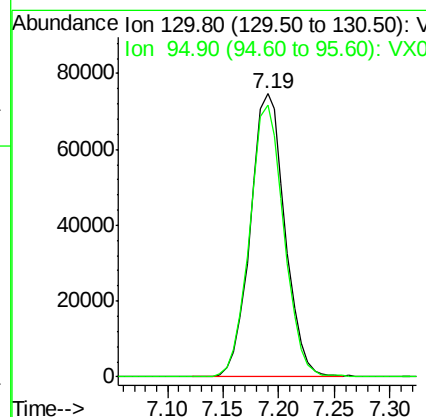
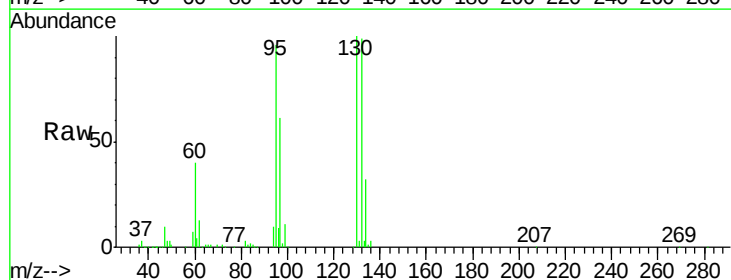
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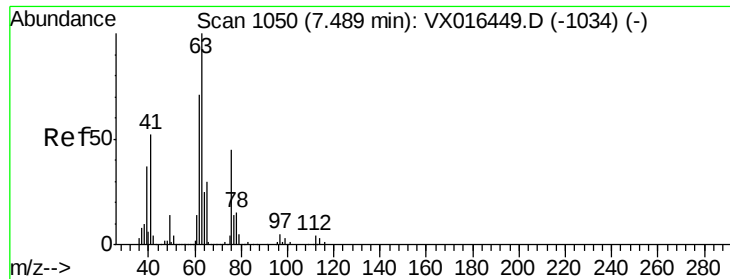
MMDadoda
6/4/2020 3:07:39 PM



#44
Trichloroethene
Concen: 46.304 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 48.586 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 135701

Ion Ratio Lower Upper

63 100

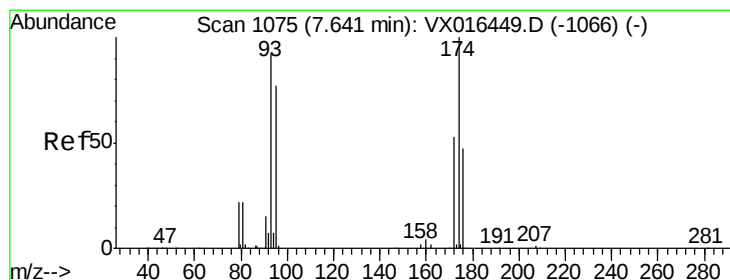
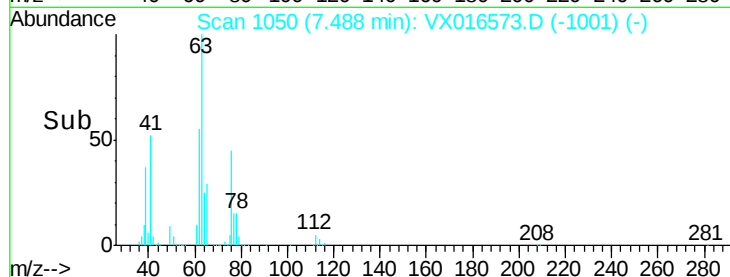
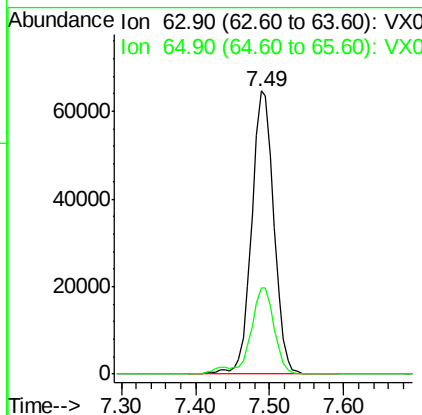
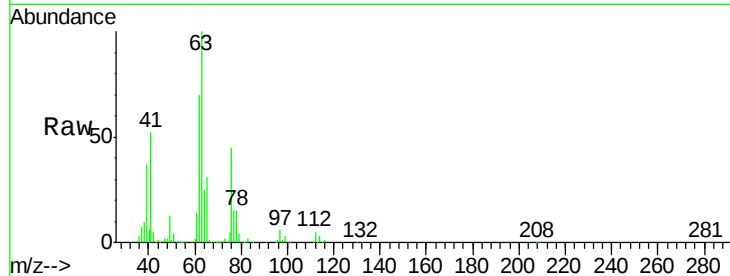
65 30.5 24.2 36.2

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6/4/2020 3:07:39 PM



#46

Dibromomethane

Concen: 50.241 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

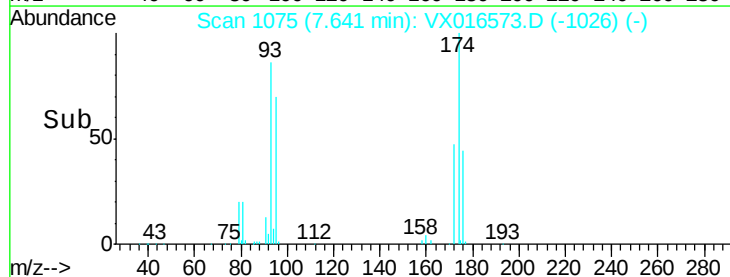
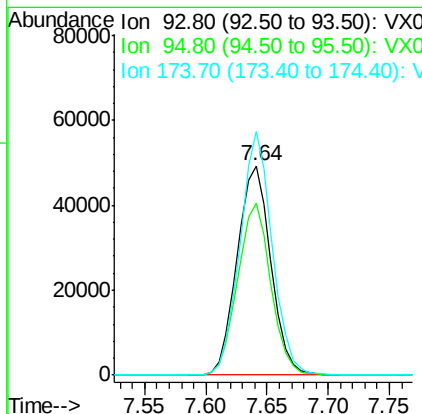
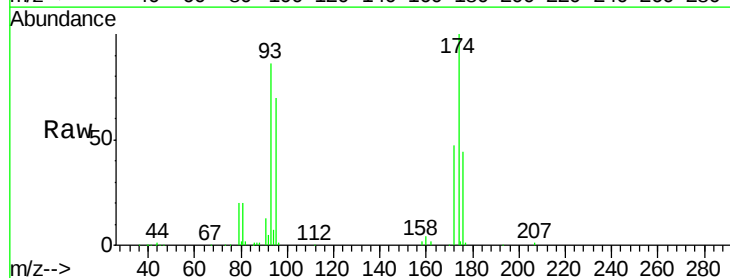
Tgt Ion: 93 Resp: 94252

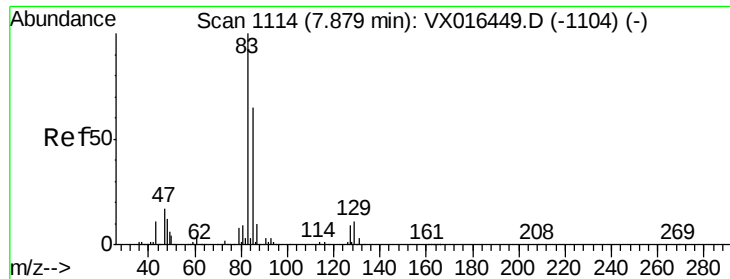
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 111.6 86.2 129.4





#47

Bromodichloromethane

Concen: 50.302 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

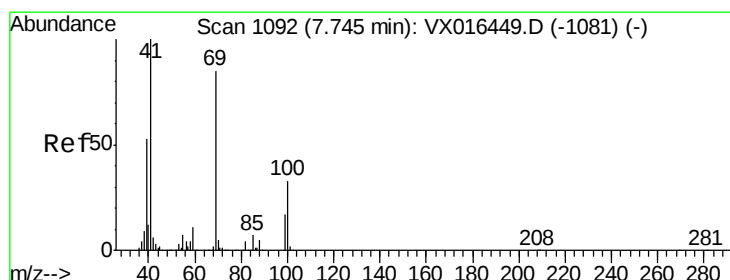
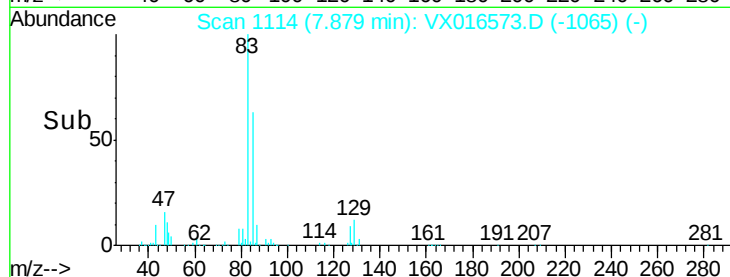
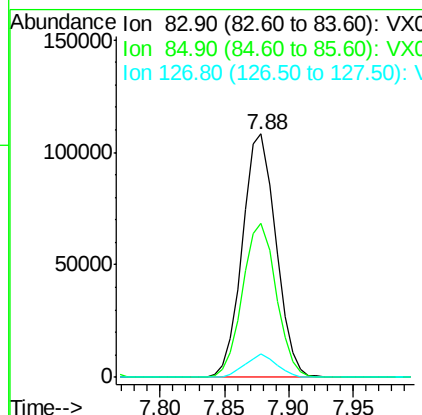
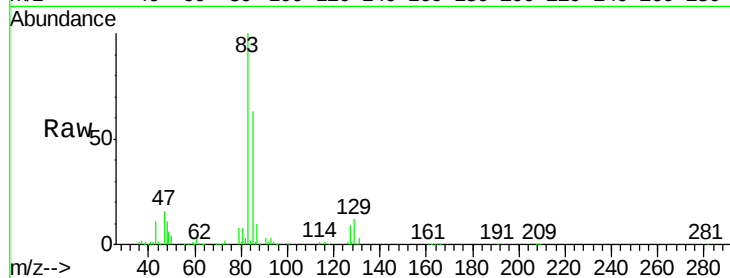
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	195392
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.0	78.0
127	9.4	7.4	11.0

Manual Integrations
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6/4/2020 3:07:39 PM



#48

Methyl methacrylate

Concen: 47.214 ug/l

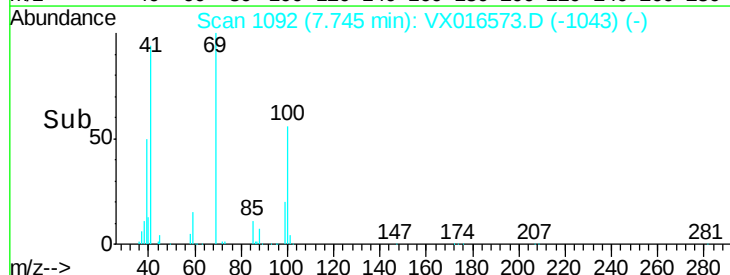
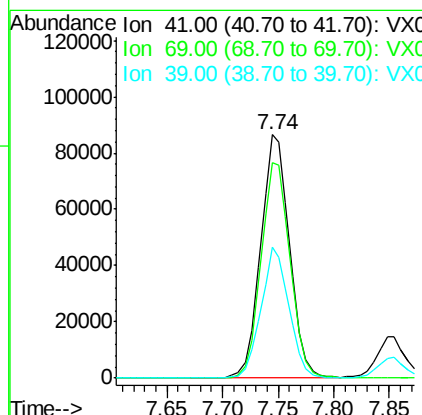
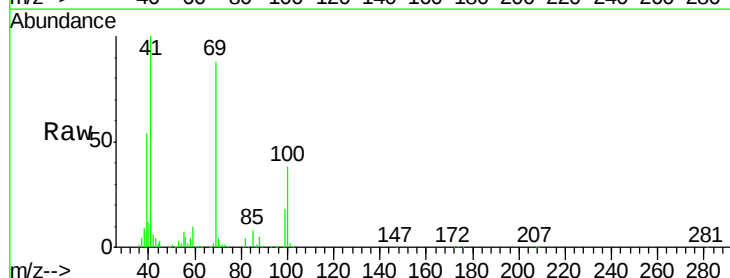
RT: 7.74 min Scan# 1092

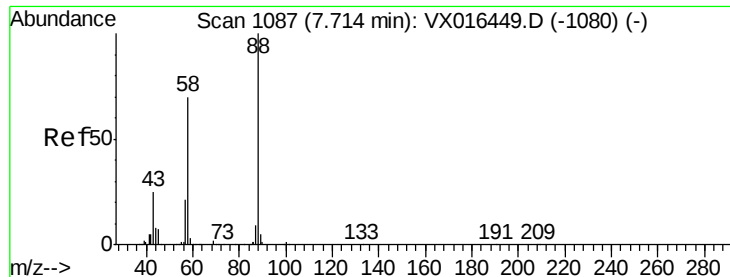
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	41	Resp:	155964
Ion Ratio	Lower	Upper	
41	100		
69	89.7	68.6	102.8
39	51.9	42.4	63.6





#49

1,4-Dioxane

Concen: 948.776 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

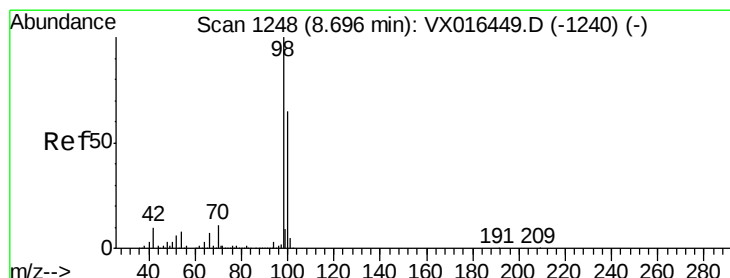
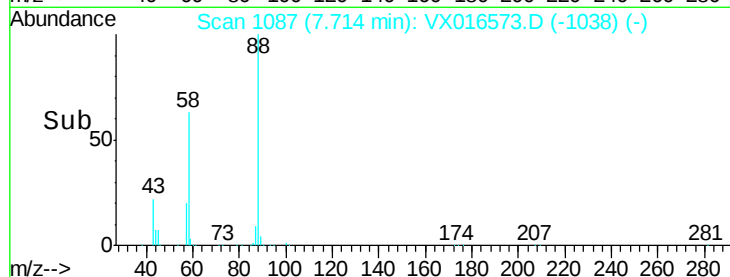
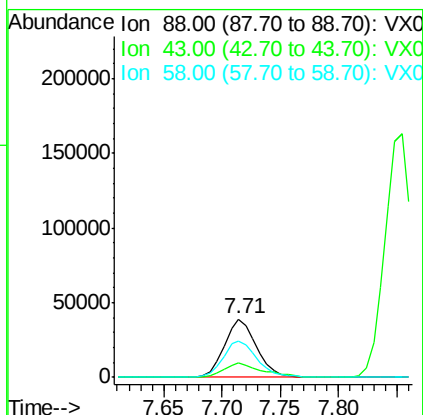
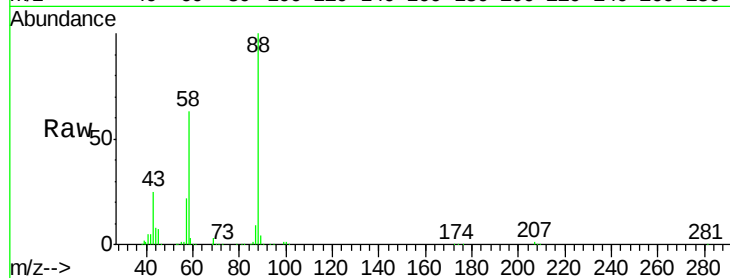
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	73347
Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	66.9	56.5	84.7

Manual Integrations
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6/4/2020 3:07:39 PM



#50

Toluene-d8

Concen: 51.058 ug/l

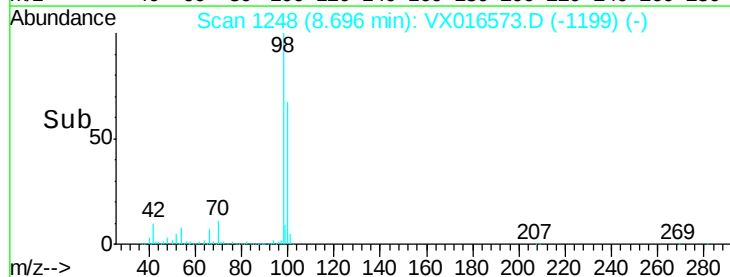
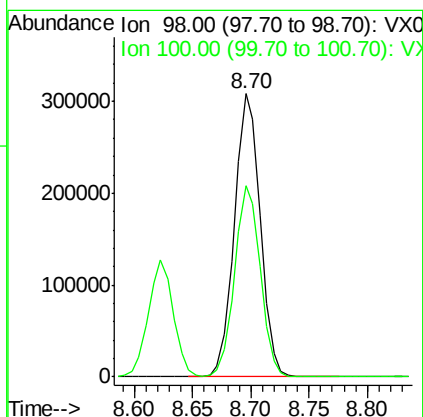
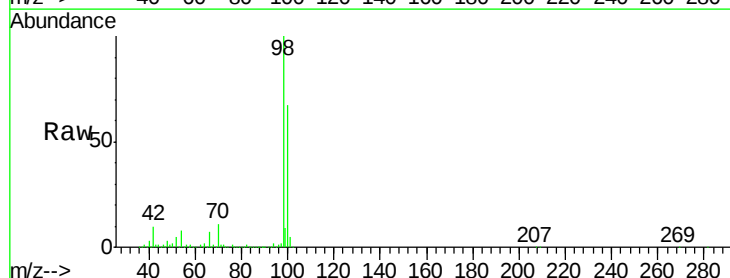
RT: 8.70 min Scan# 1248

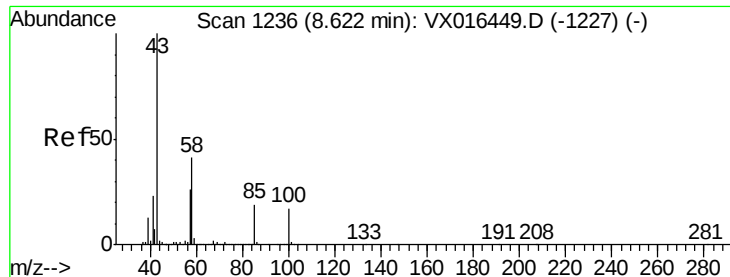
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	98	Resp:	476135
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 240.702 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1034031

Ion Ratio Lower Upper

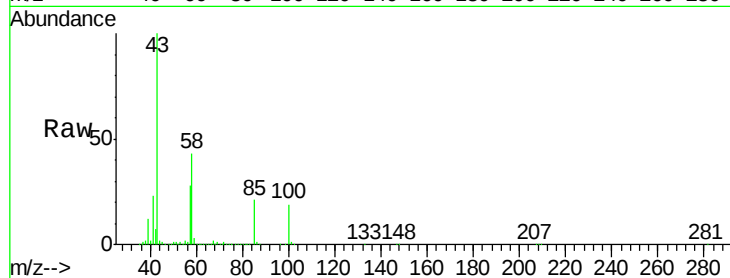
43 100

58 42.7 33.0 49.6

Manual Integrations
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6/4/2020 3:07:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

600000

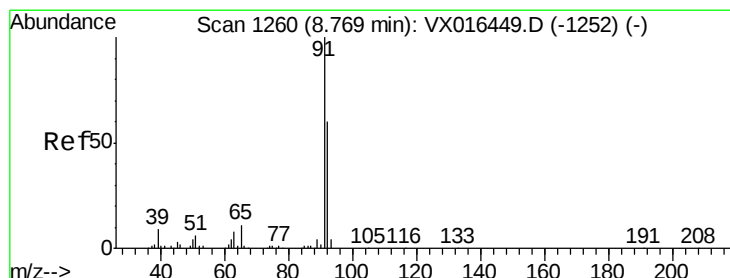
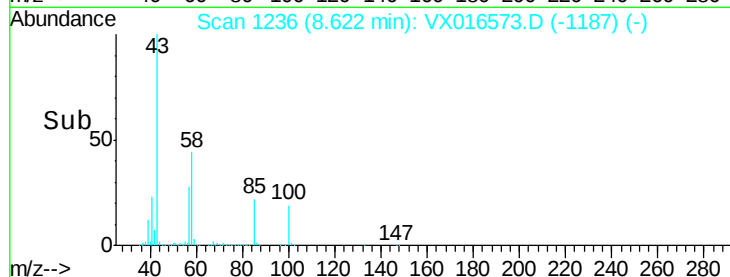
400000

200000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 50.592 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016573.D

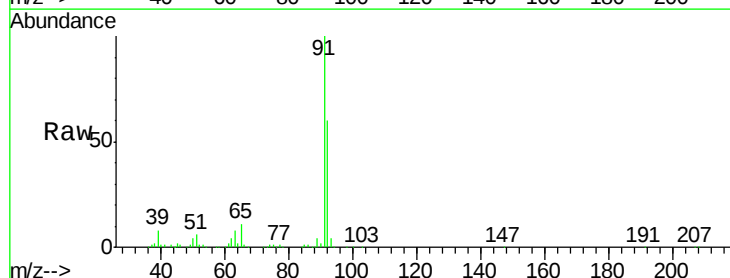
Acq: 03 Jun 2020 17:51

Tgt Ion: 92 Resp: 350012

Ion Ratio Lower Upper

92 100

91 167.2 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

400000

300000

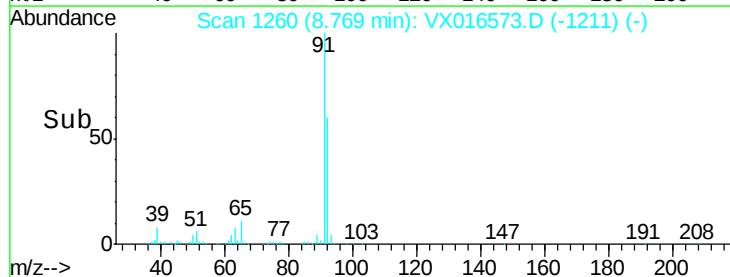
200000

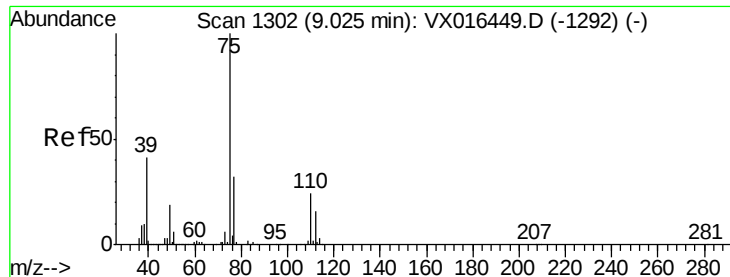
100000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.355 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tot Ion: 75 Resp: 226831

Ion Ratio Lower Upper

75 100

77 32.3 25.5 38.3

Instrument :

MSVOA_X

ClientSampleId :

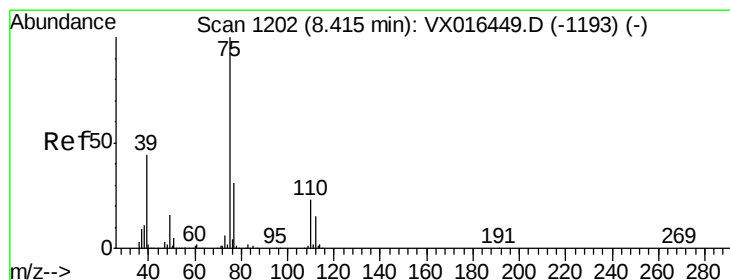
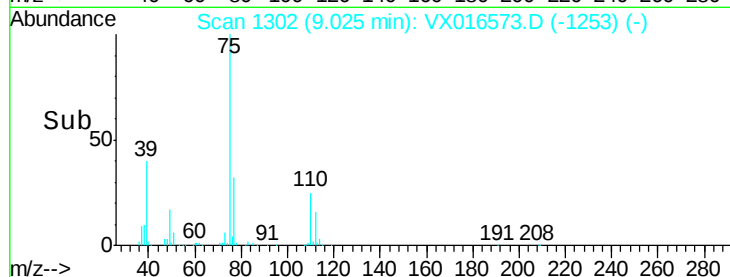
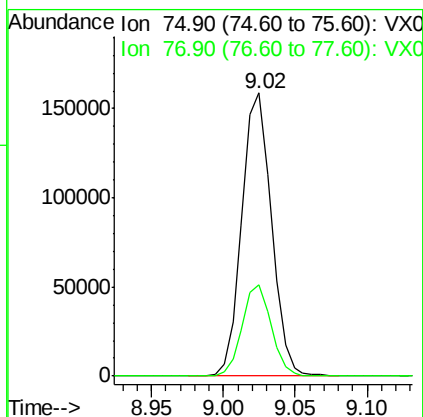
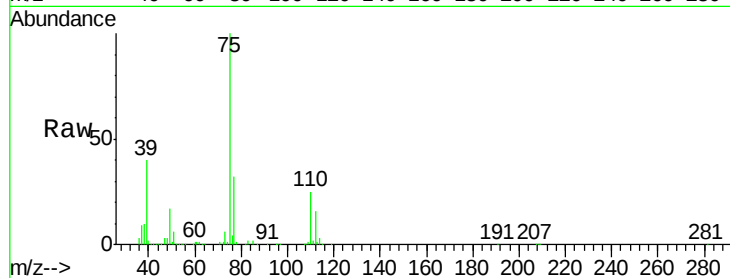
VSTDCCC050EC

Manual Integrations

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6/4/2020 3:07:39 PM



#54

cis-1,3-Dichloropropene

Concen: 50.769 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

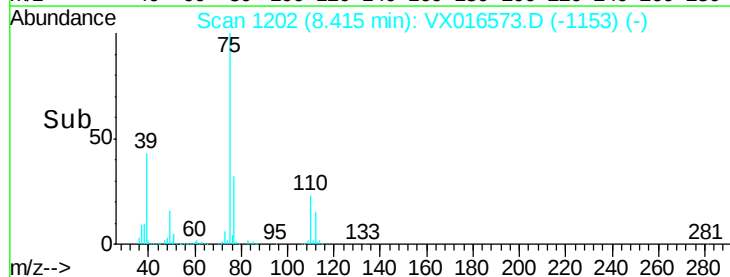
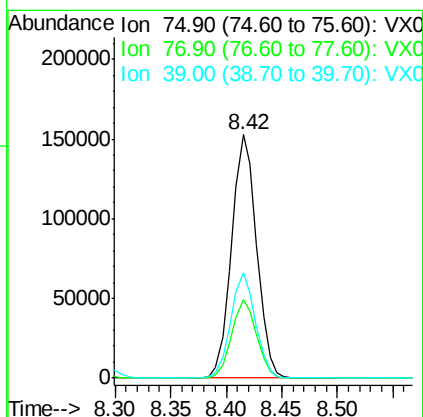
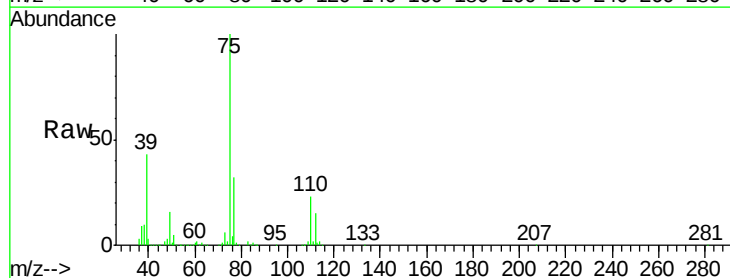
Tgt Ion: 75 Resp: 237352

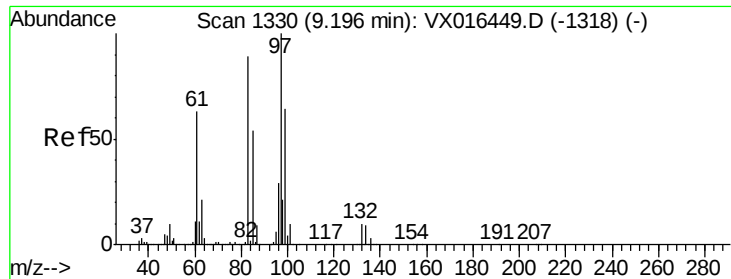
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 43.3 35.3 52.9





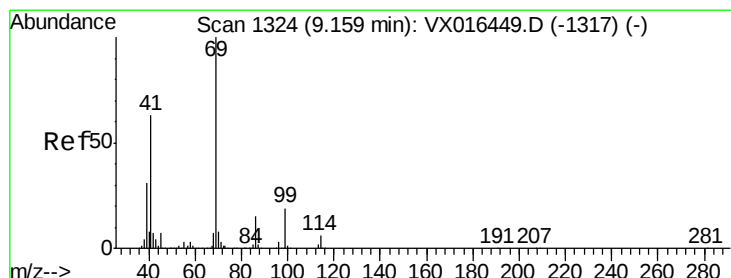
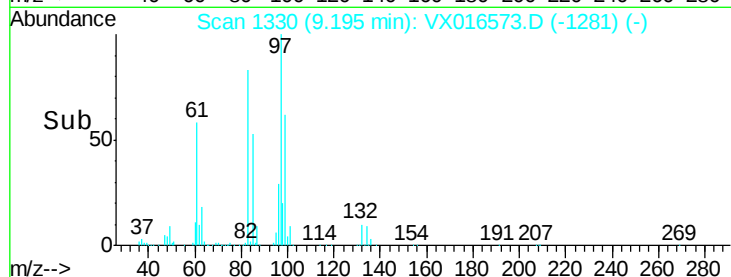
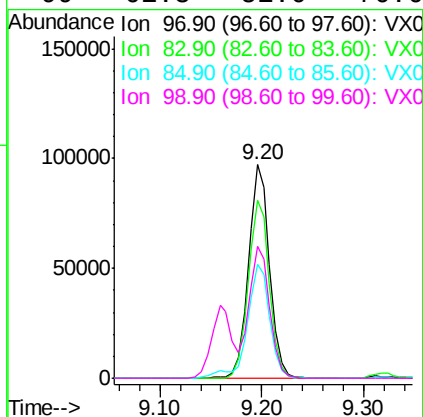
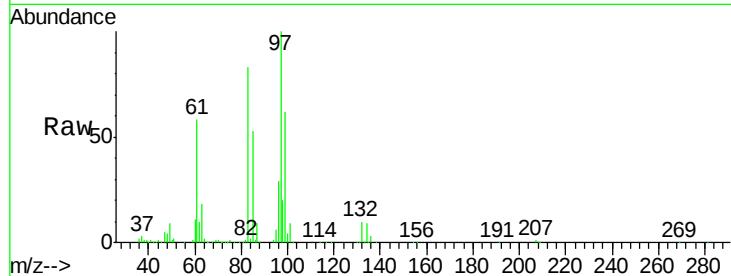
#55
 1,1,2-Trichloroethane
 Concen: 50.581 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	83.5	70.9	106.3	
85	53.5	43.4	65.2	
99	61.8	51.0	76.6	

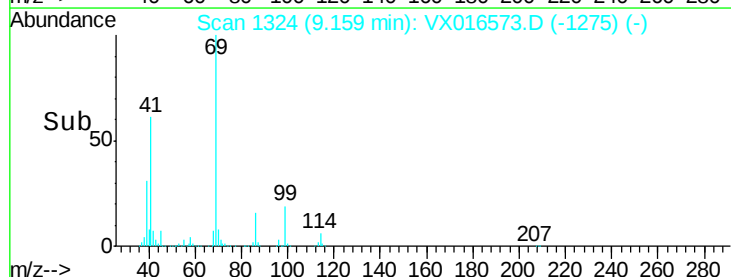
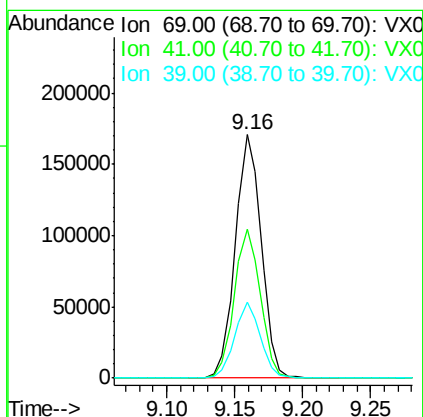
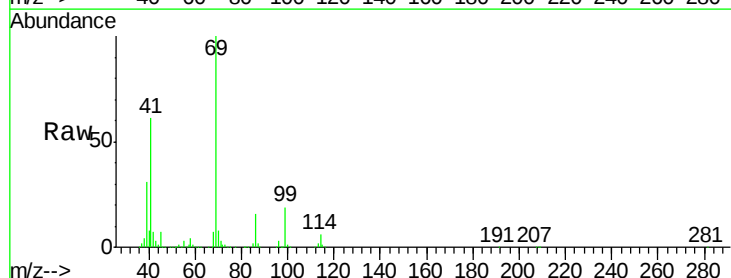
Manual Integrations
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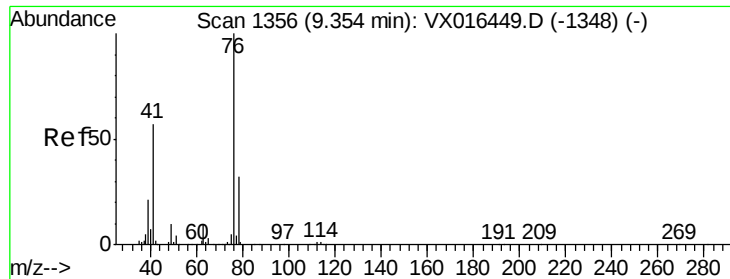
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#56
 Ethyl methacrylate
 Concen: 50.796 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	61.3	50.7	76.1	
39	30.8	25.8	38.6	





#57

1,3-Dichloropropane

Concen: 50.401 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 237969

Ion Ratio Lower Upper

76 100

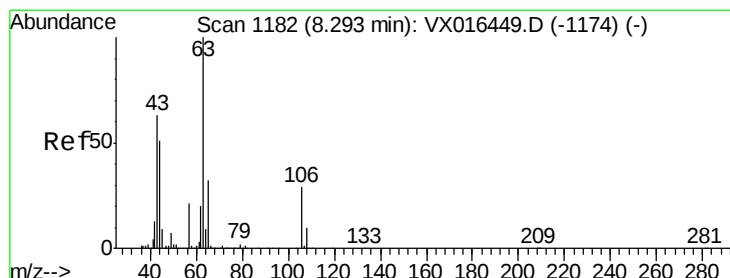
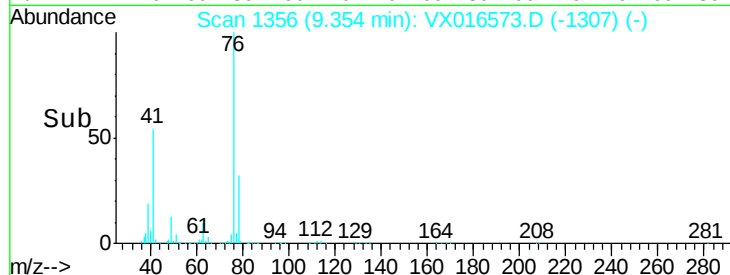
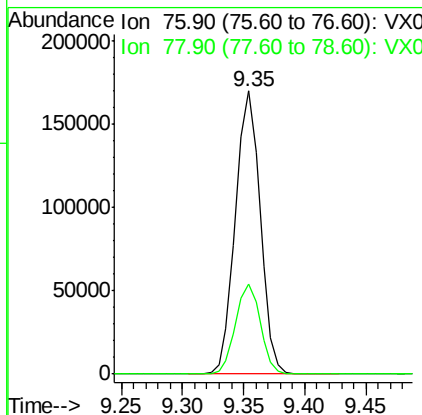
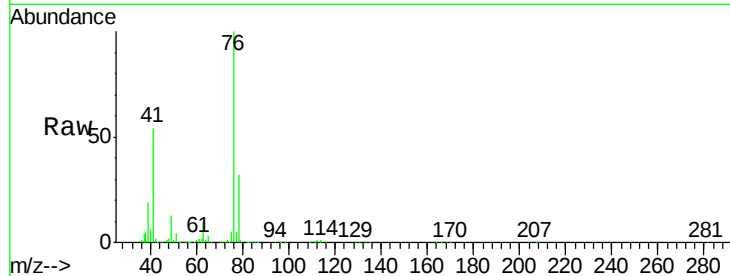
78 32.1 26.2 39.4

Manual Integrations

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6/4/2020 3:07:39 PM



#58

2-Chloroethyl Vinyl ether

Concen: 240.761 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016573.D

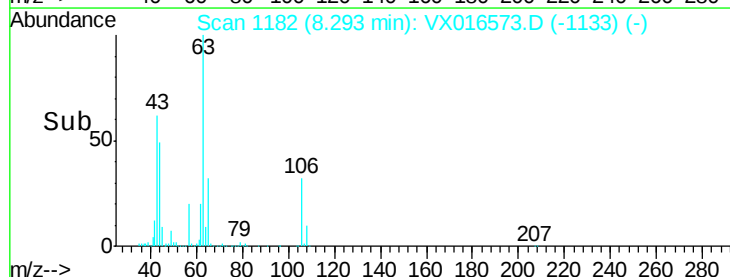
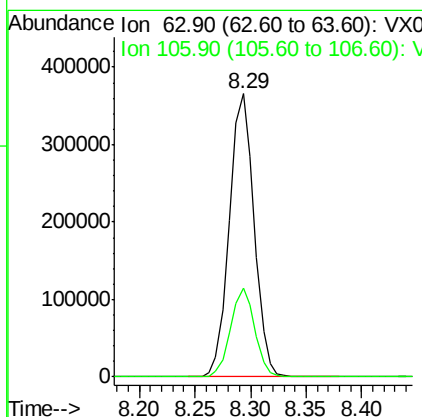
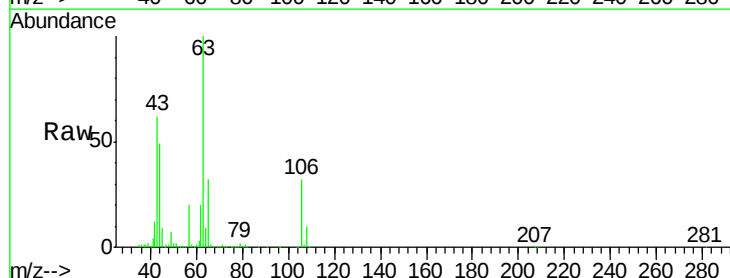
Acq: 03 Jun 2020 17:51

Tgt Ion: 63 Resp: 562981

Ion Ratio Lower Upper

63 100

106 30.7 23.2 34.8





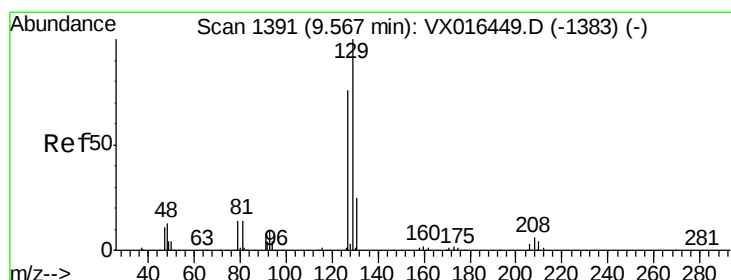
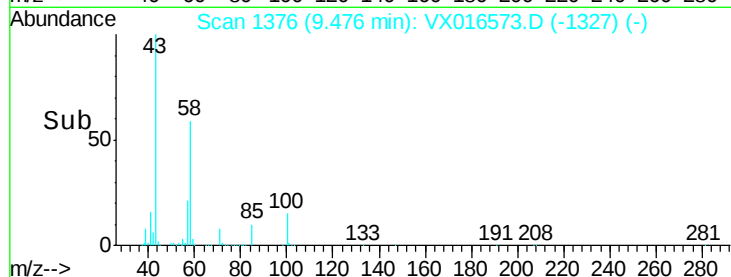
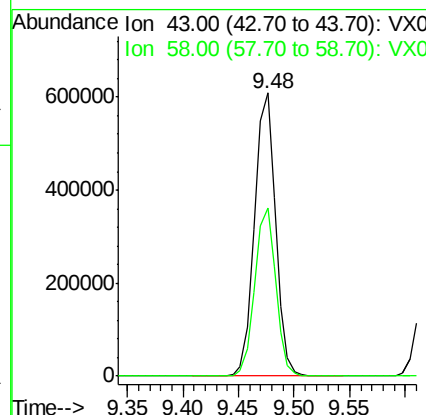
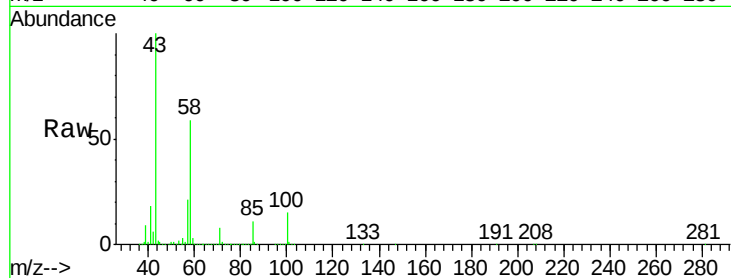
#59
2-Hexanone
Concen: 240.580 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 803712
Ion Ratio Lower Upper
43 100
58 59.2 28.8 86.4

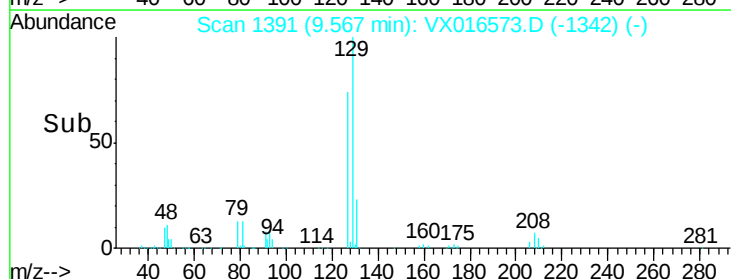
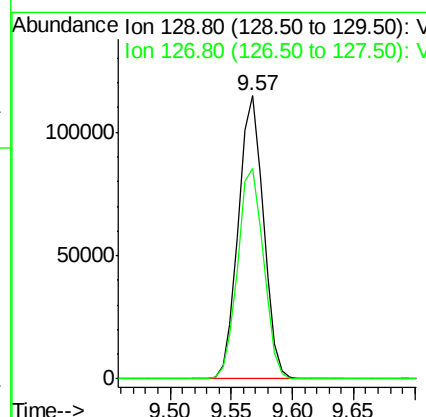
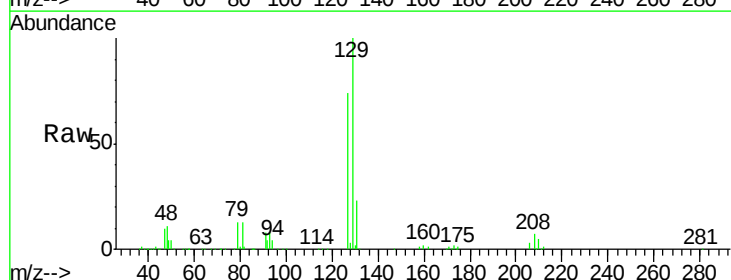
Manual Integrations
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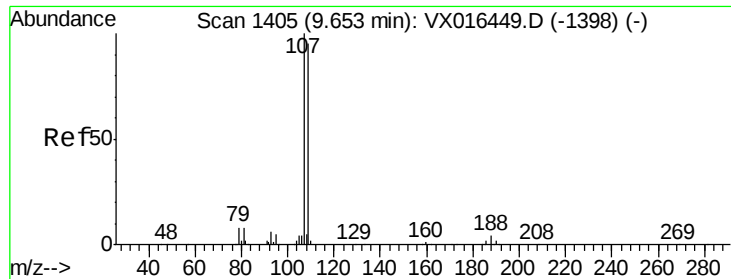
MMDadoda
6/4/2020 3:07:39 PM



#60
Dibromochloromethane
Concen: 52.641 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 129 Resp: 162954
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.642 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 149173

Ion Ratio Lower Upper

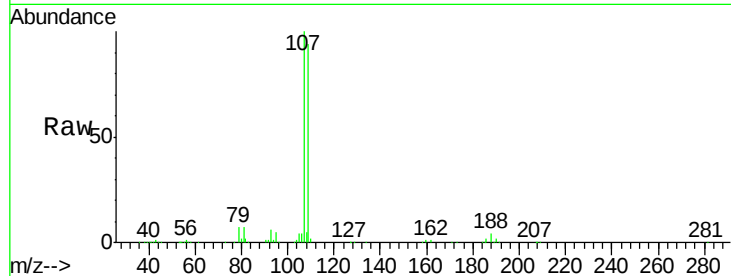
107 100

109 95.4 75.5 113.3

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6/4/2020 3:07:39 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

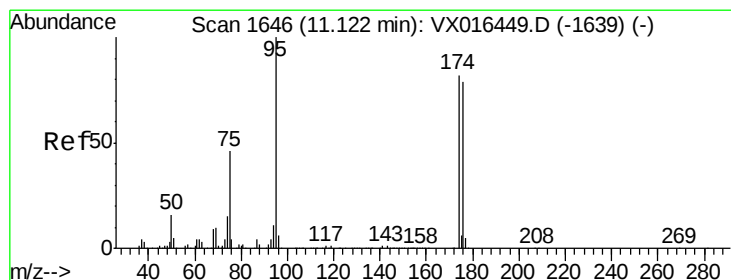
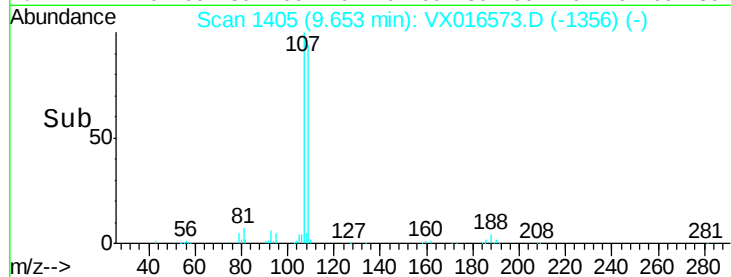
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.676 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

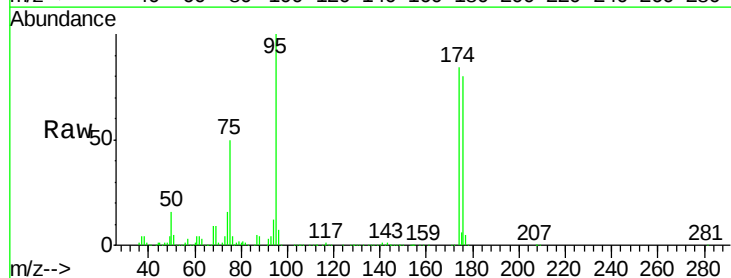
Tgt Ion: 95 Resp: 182602

Ion Ratio Lower Upper

95 100

174 84.2 0.0 163.0

176 80.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

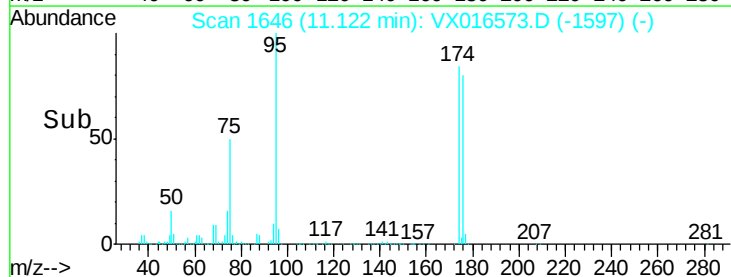
150000

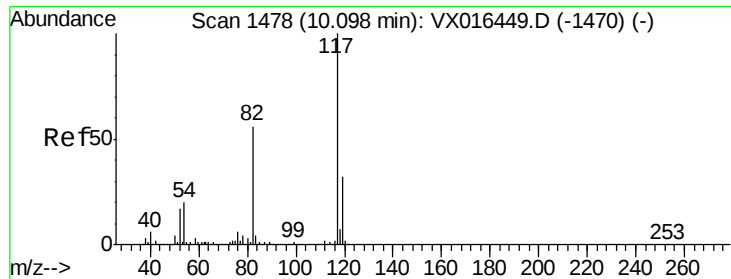
100000

50000

0

Time--> 11.10 11.20





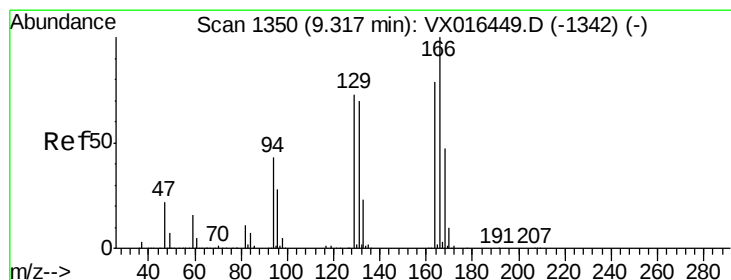
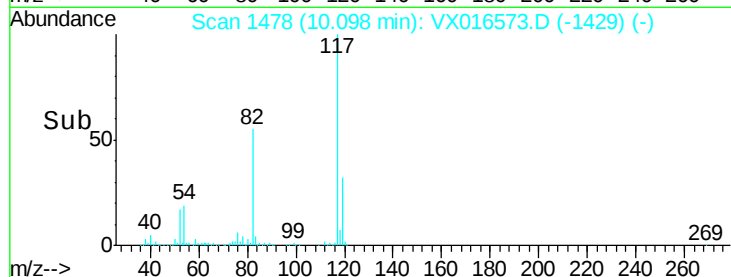
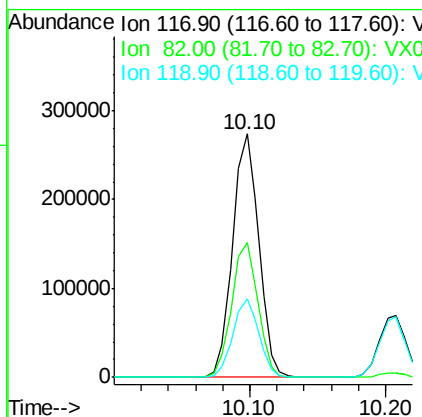
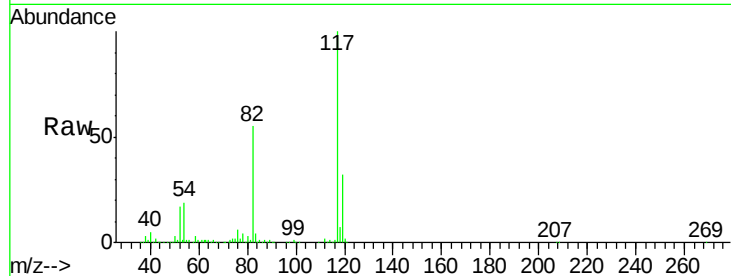
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.6
119	32.1	25.8	38.8

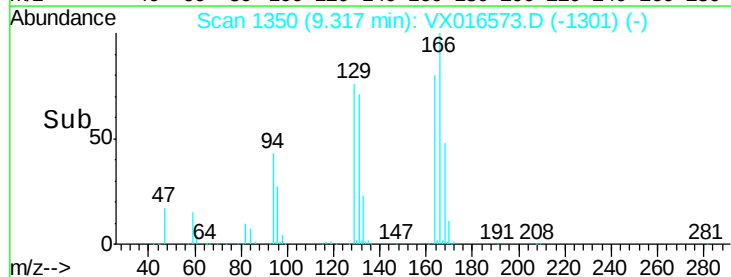
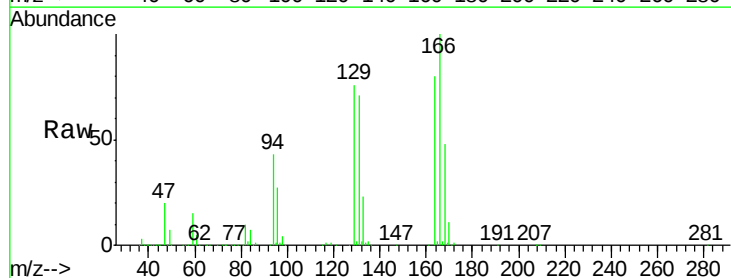
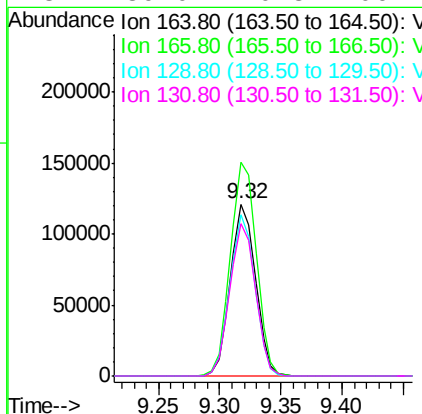
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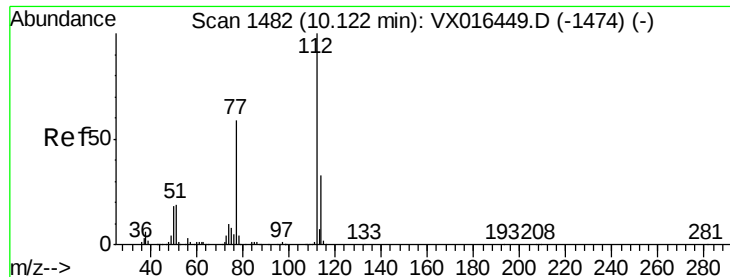
MMDadoda
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#64
Tetrachloroethene
Concen: 42.080 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	100.9	151.3
129	94.1	73.2	109.8
131	89.0	70.8	106.2





#65

Chlorobenzene

Concen: 50.118 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 374241

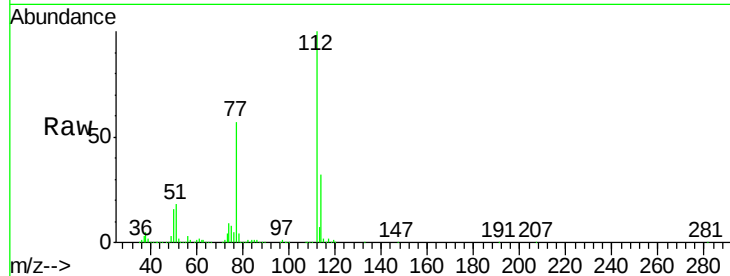
Ion Ratio Lower Upper

112 100

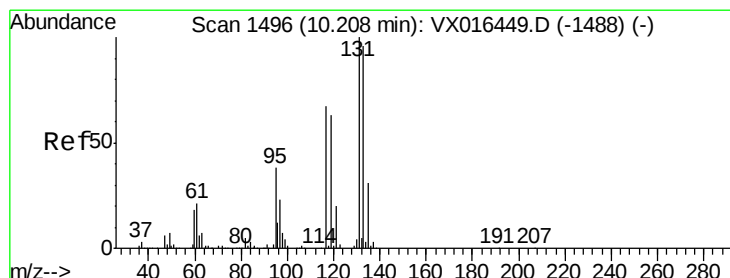
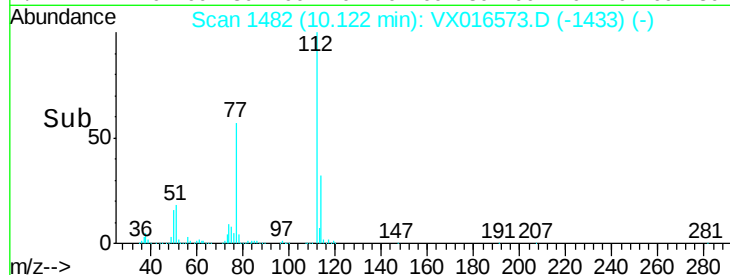
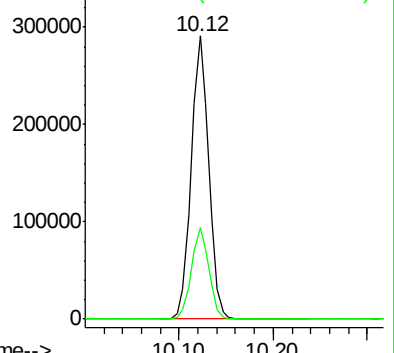
114 32.5 26.0 39.0

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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.212 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

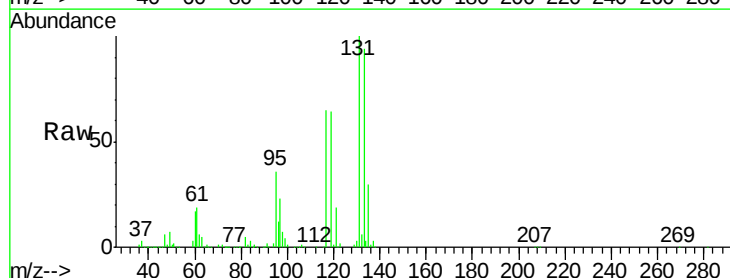
Tgt Ion:131 Resp: 148826

Ion Ratio Lower Upper

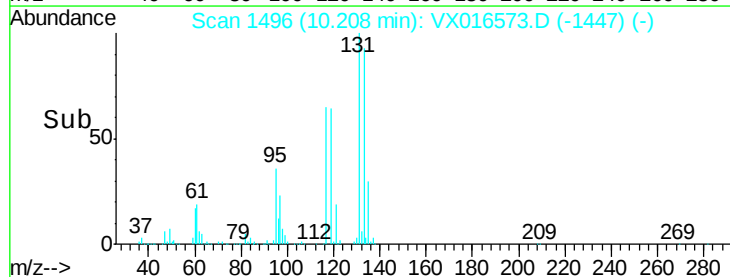
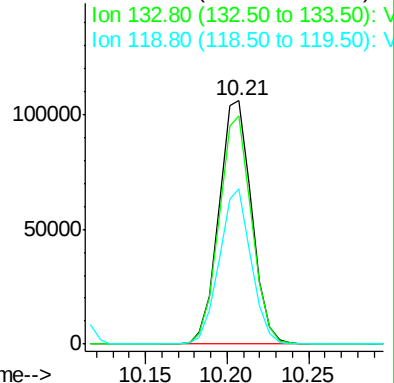
131 100

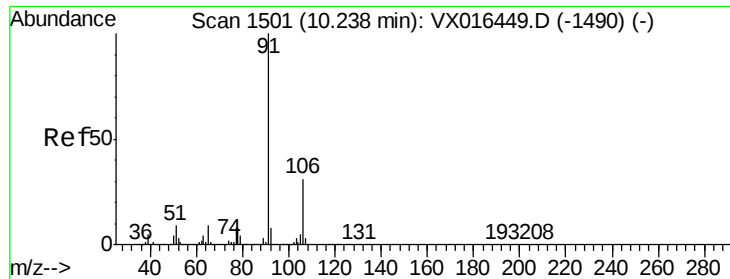
133 93.0 48.4 145.3

119 61.9 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V





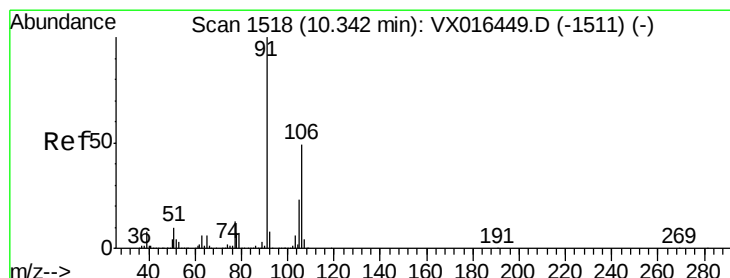
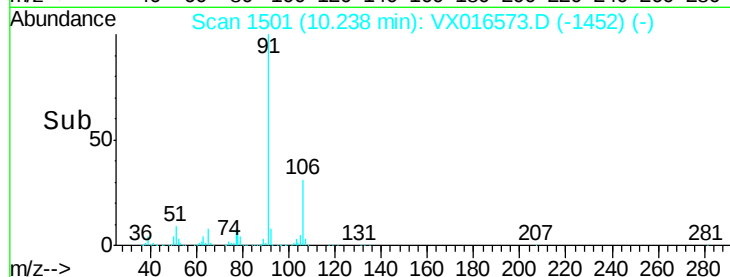
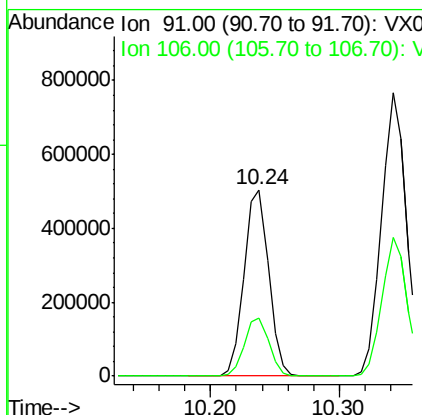
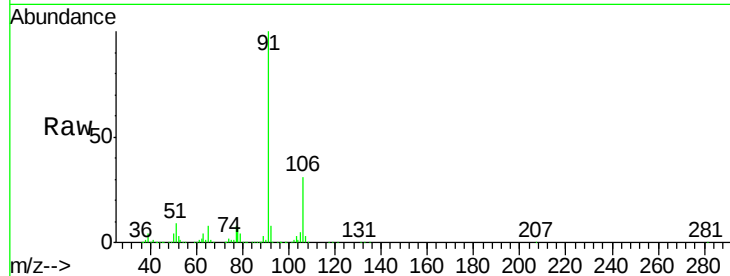
#67
Ethyl Benzene
Concen: 49.898 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 663391
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

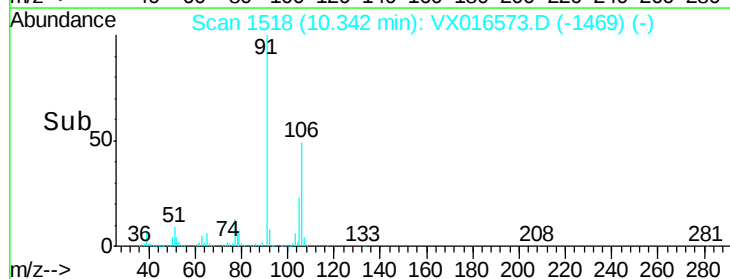
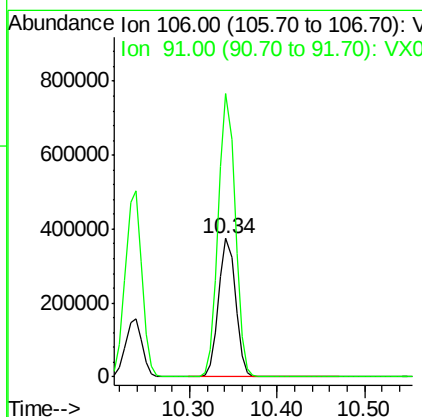
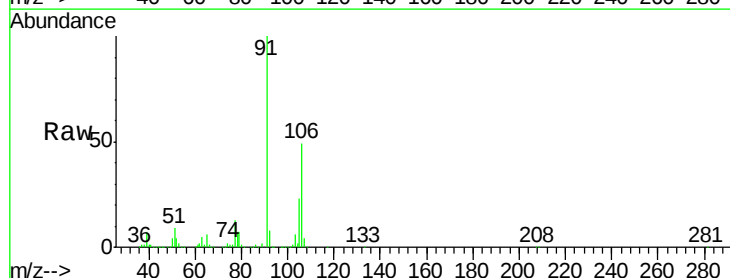
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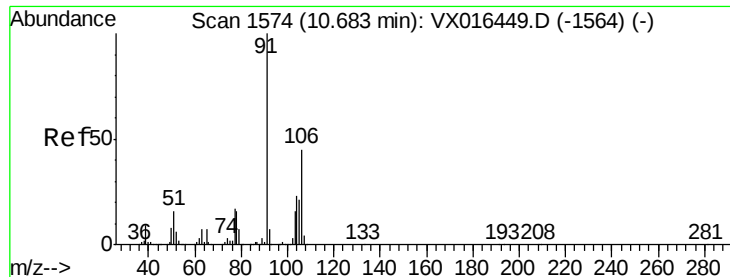
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#68
m/p-Xylenes
Concen: 102.177 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 106 Resp: 503668
Ion Ratio Lower Upper
106 100
91 203.5 163.8 245.8





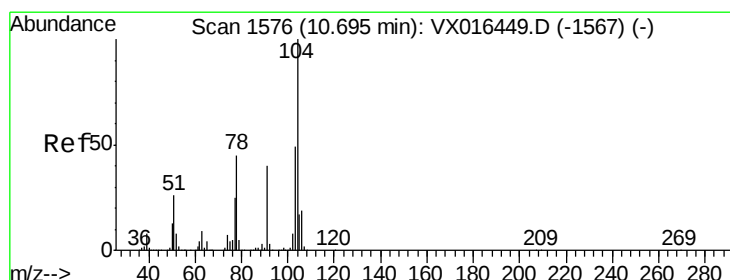
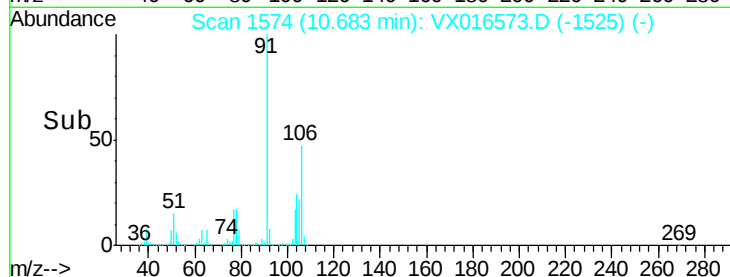
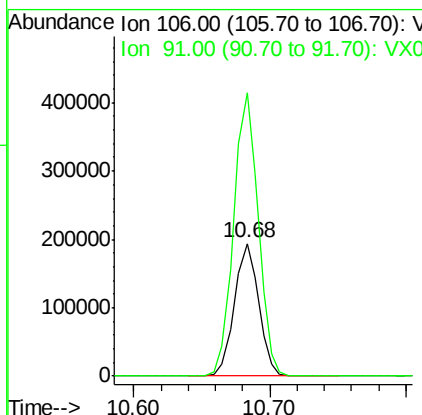
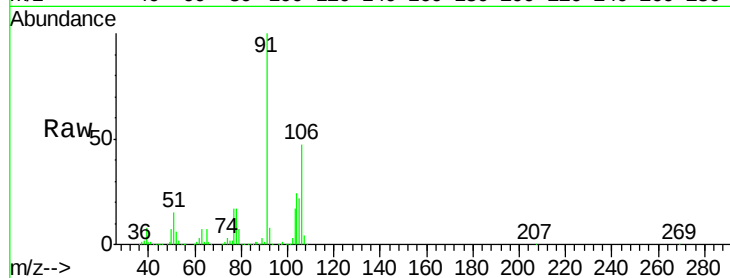
#69
o-Xylene
Concen: 50.650 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 241794
Ion Ratio Lower Upper
106 100
91 214.9 109.6 328.8

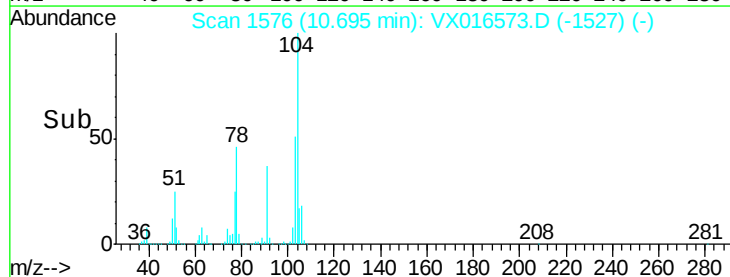
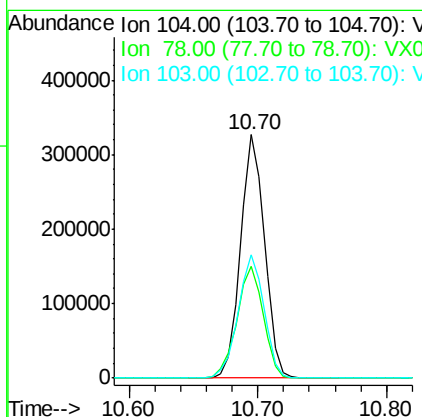
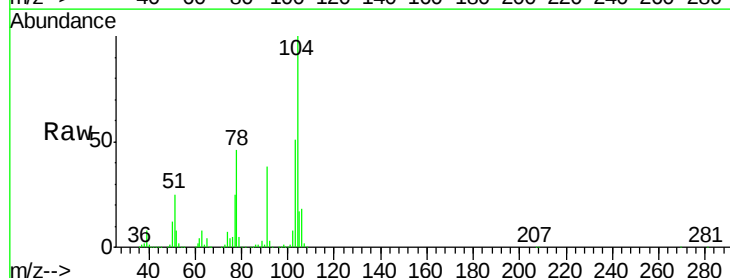
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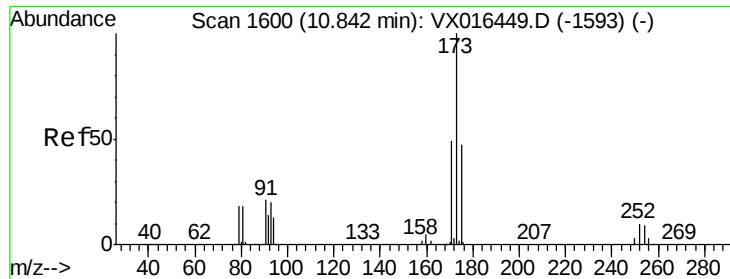
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#70
Styrene
Concen: 51.431 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion:104 Resp: 422022
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 54.9 43.1 64.7





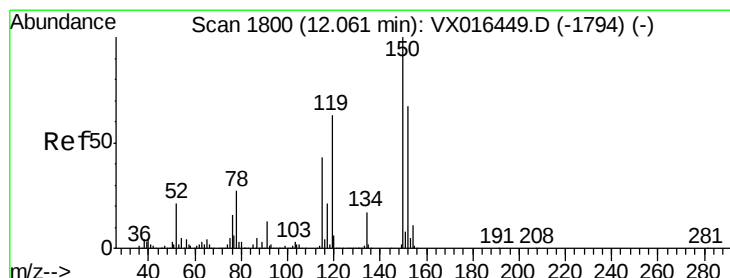
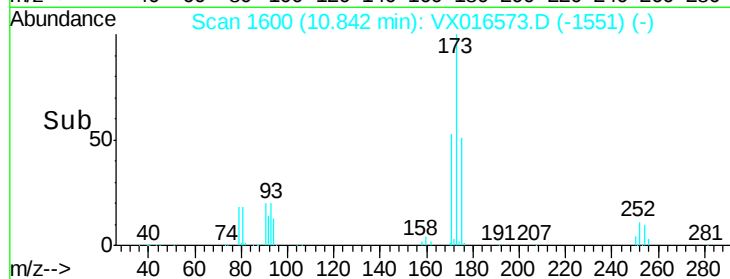
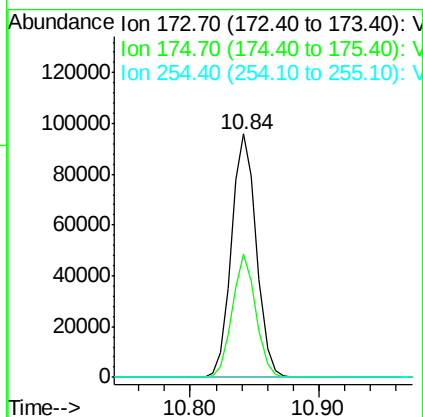
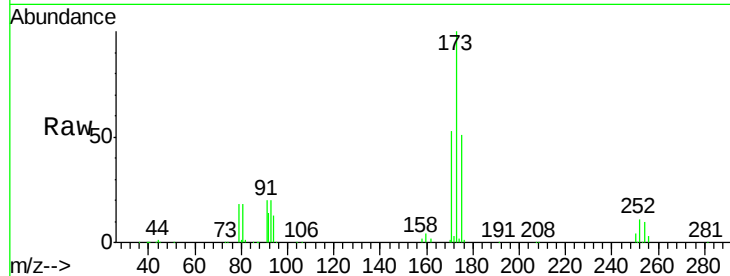
#71
Bromoform
Concen: 53.741 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.9	71.7
254	0.0	0.1	0.1#

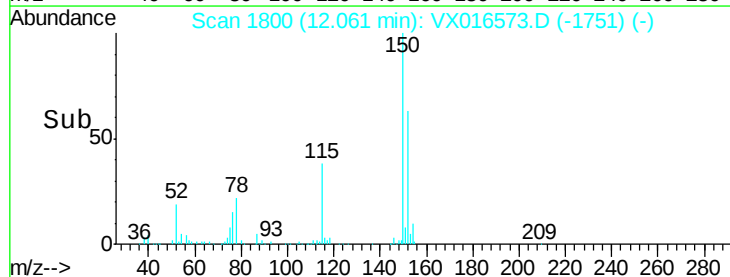
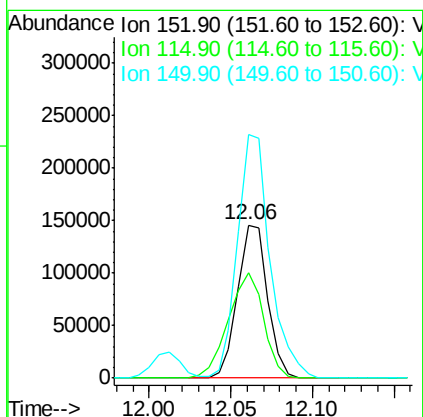
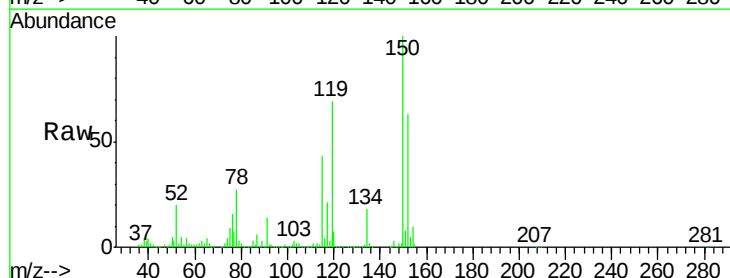
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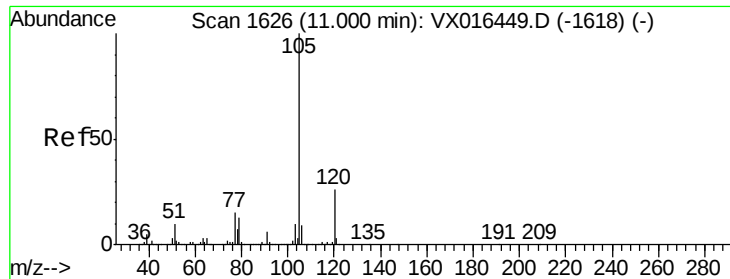
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.0	39.9	119.6
150	173.6	0.0	341.0





#73

Isopropylbenzene

Concen: 50.188 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 650049

Ion Ratio Lower Upper

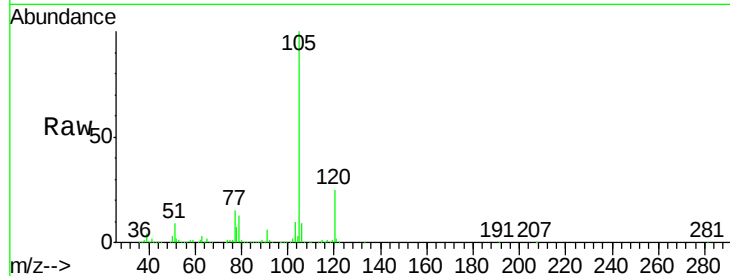
105 100

120 26.3 13.1 39.3

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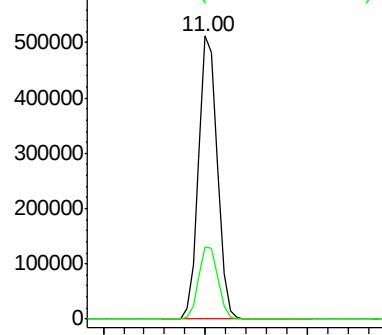
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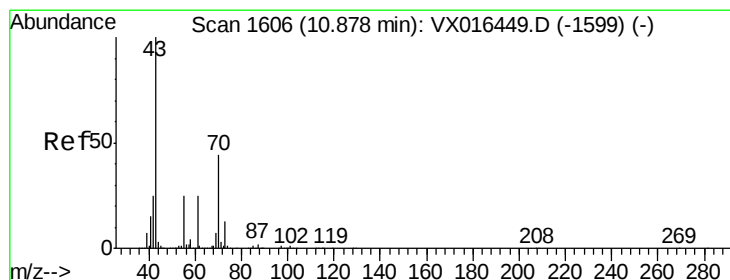
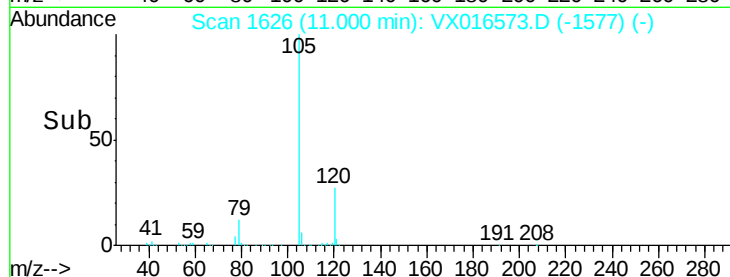


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 46.874 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion: 43 Resp: 279263

Ion Ratio Lower Upper

43 100

70 47.2 36.1 54.1

55 25.7 20.2 30.4

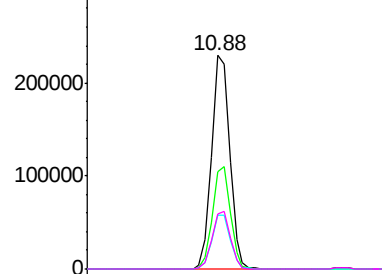
61 27.0 20.3 30.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

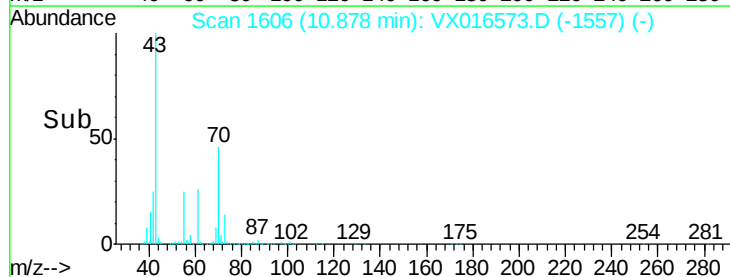
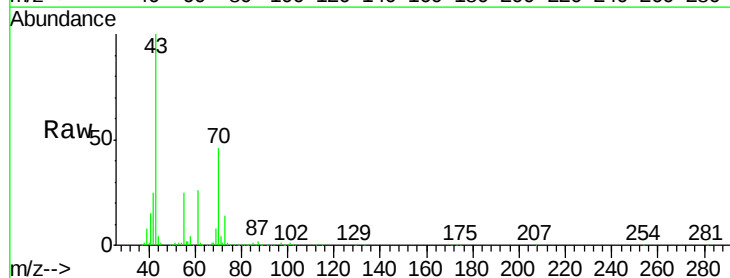
Ion 70.00 (69.70 to 70.70): VX0

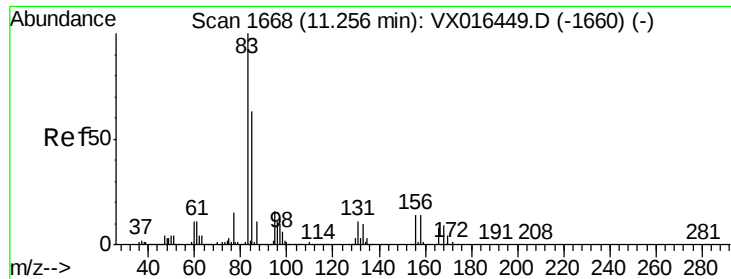
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 56.571 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

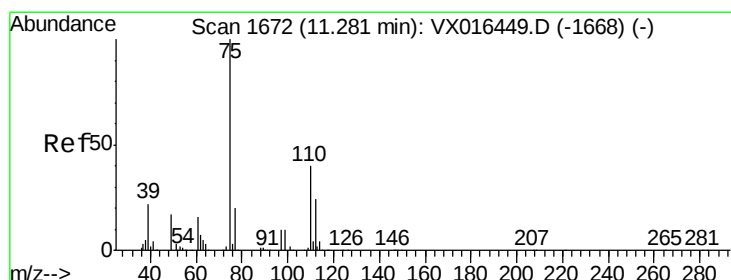
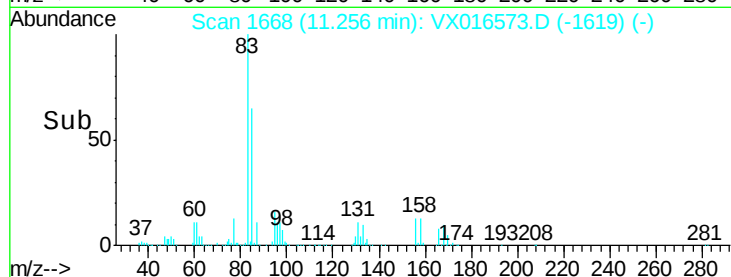
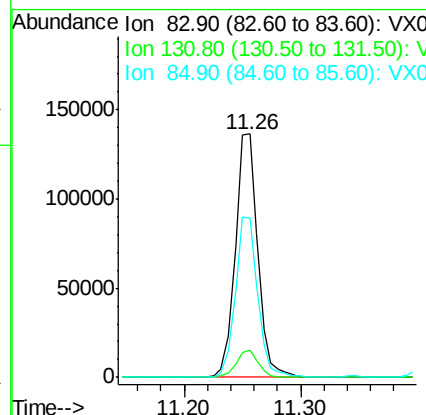
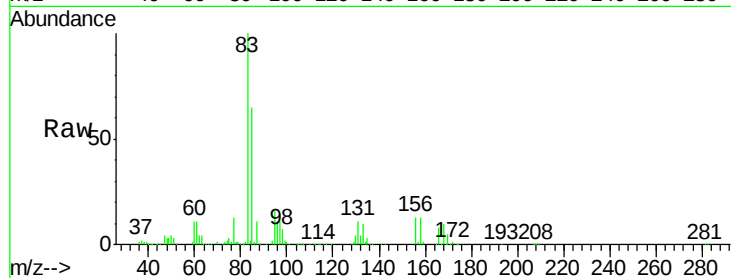
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	183636
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	65.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 48.215 ug/l m

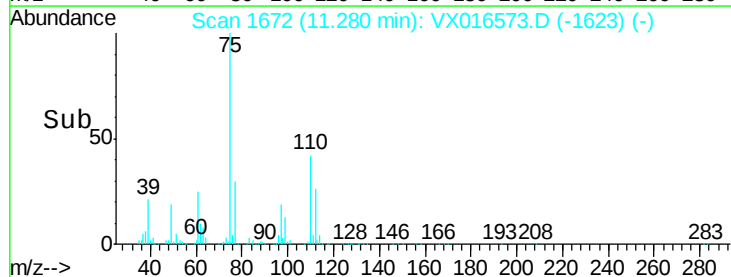
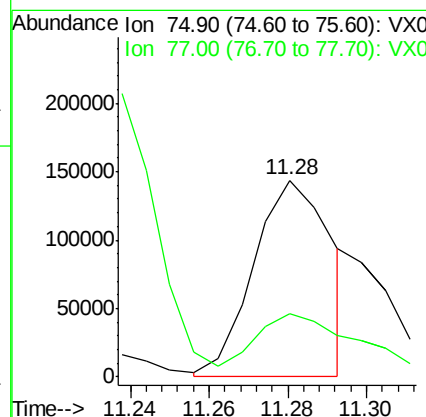
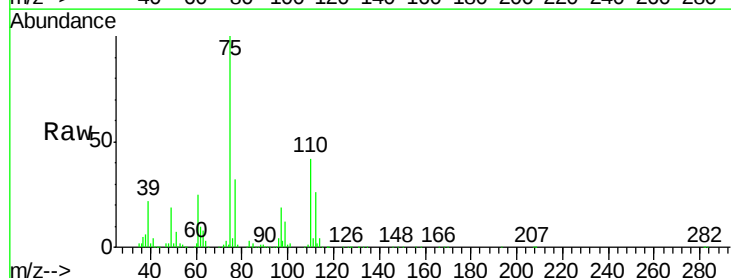
RT: 11.28 min Scan# 1672

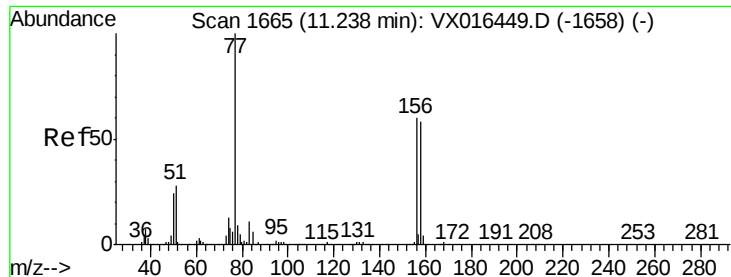
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	75	Resp:	198108
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.3	63.7





#77

Bromobenzene

Concen: 49.699 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

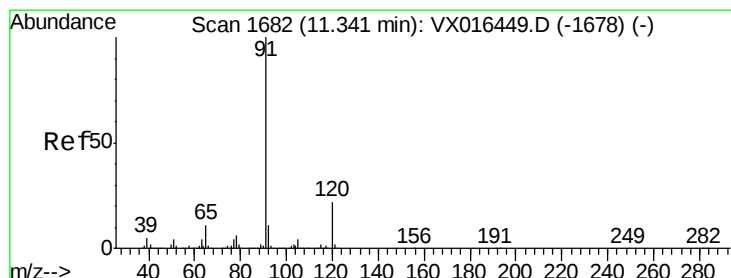
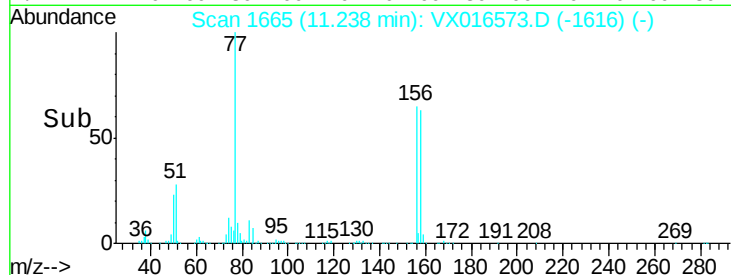
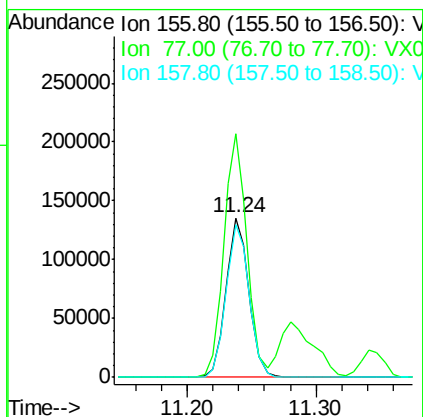
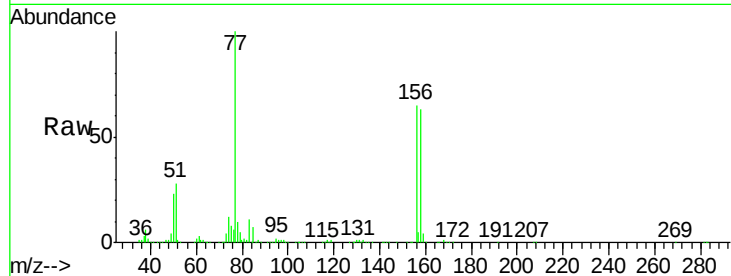
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	168832
Ion Ratio	Lower	Upper	
156	100		
77	154.0	79.6	238.8
158	97.5	48.1	144.4

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#78

n-propylbenzene

Concen: 50.327 ug/l

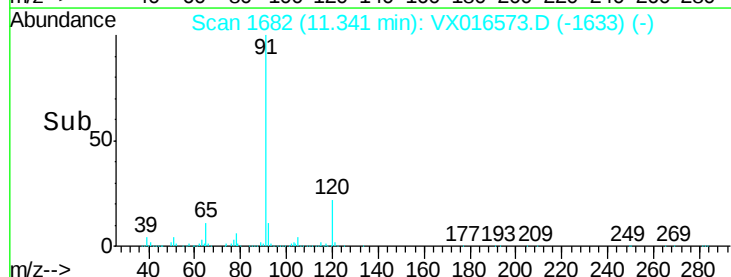
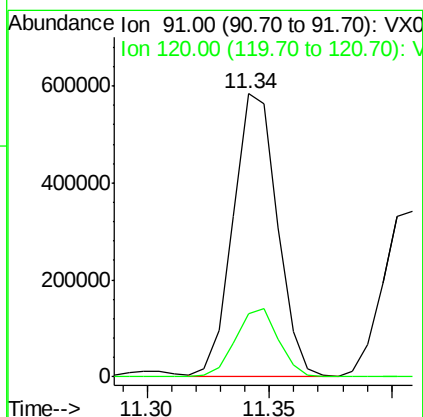
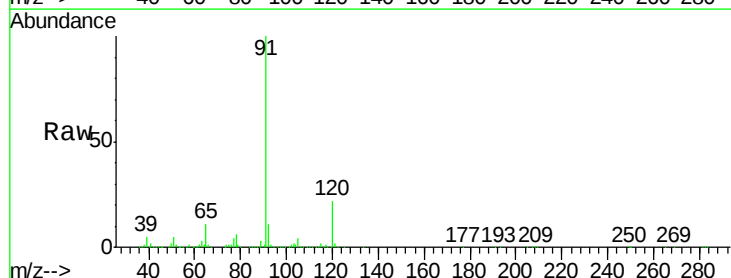
RT: 11.34 min Scan# 1682

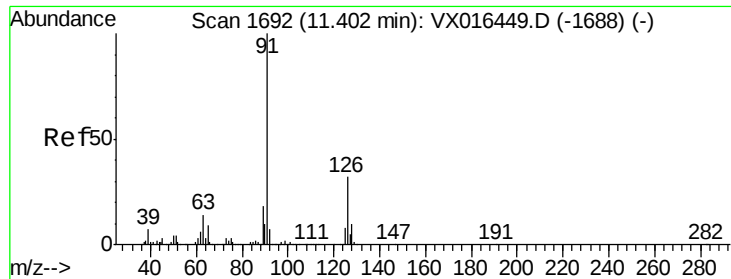
Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Tgt Ion:	91	Resp:	728253
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.7





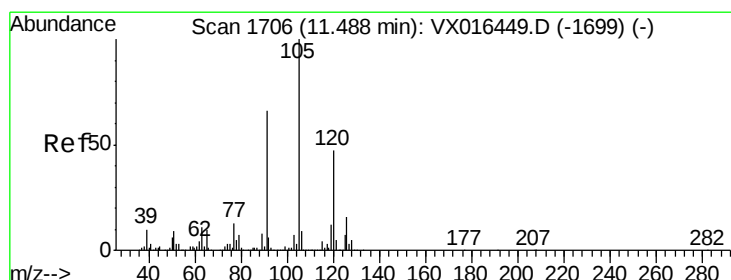
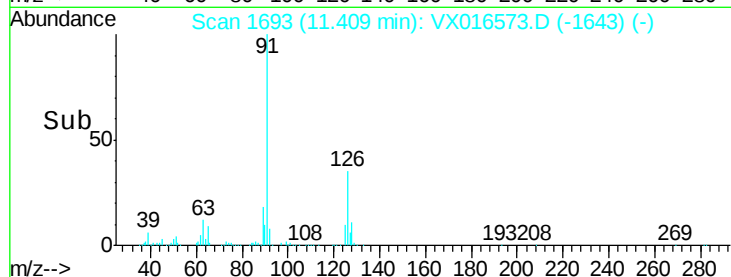
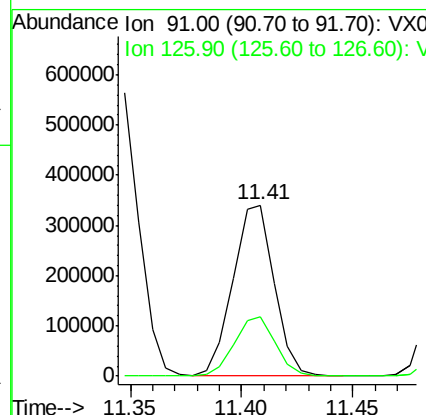
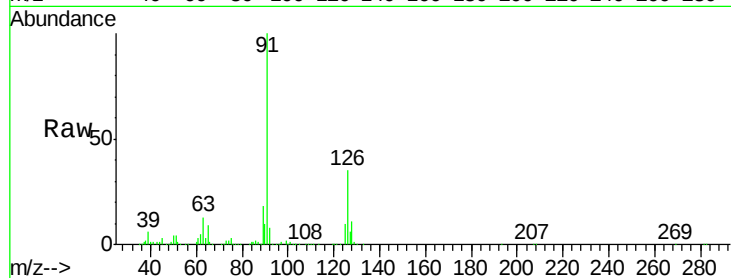
#79
2-Chlorotoluene
Concen: 49.561 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 437758
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.3

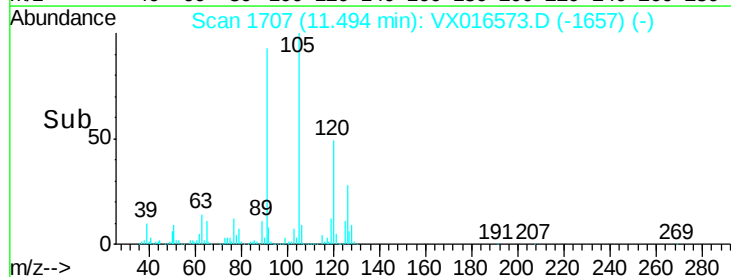
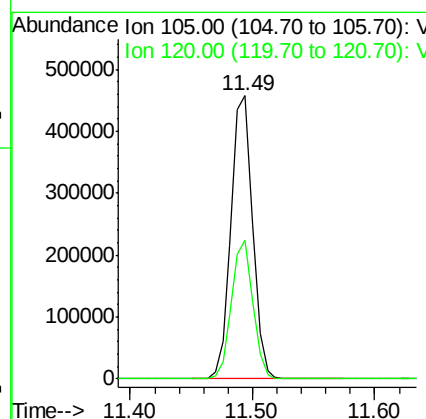
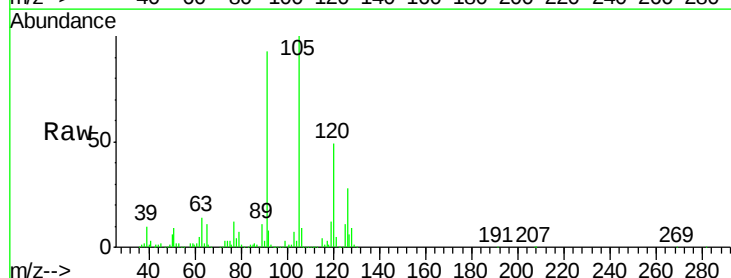
Manual Integrations
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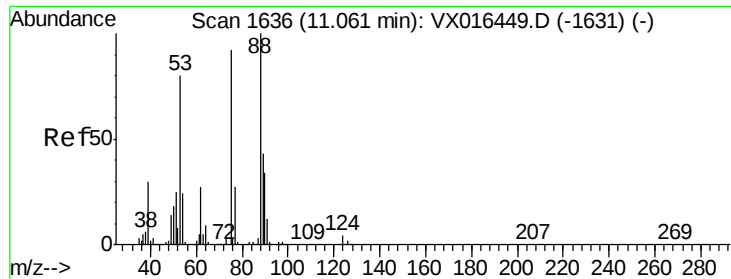
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 51.471 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion: 105 Resp: 556653
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





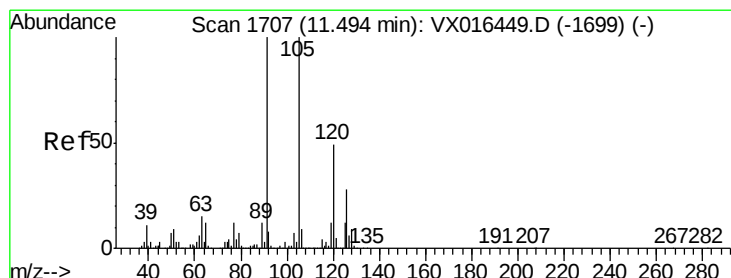
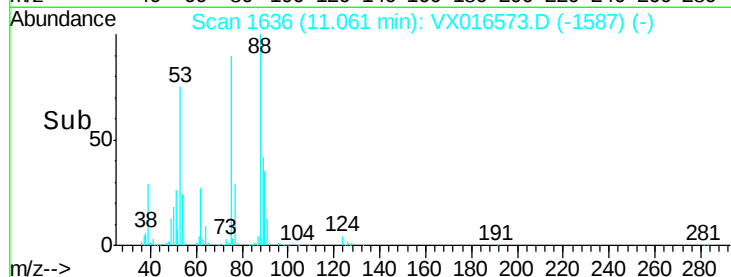
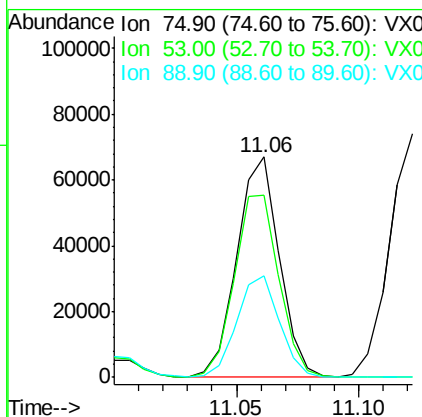
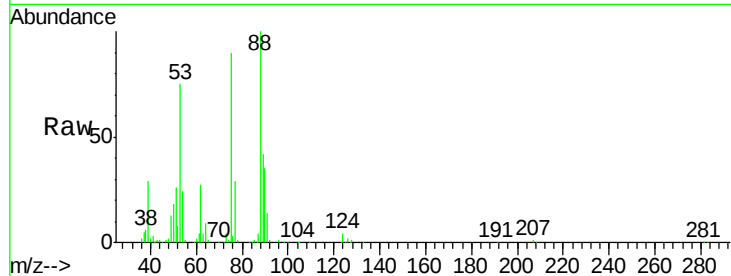
#81
trans-1,4-Dichloro-2-butene
Concen: 48.351 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.0	71.3	106.9
89	46.7	36.6	55.0

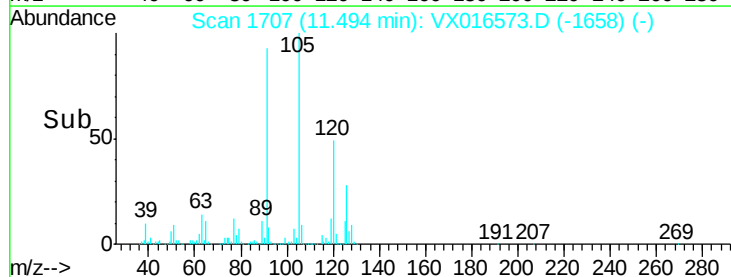
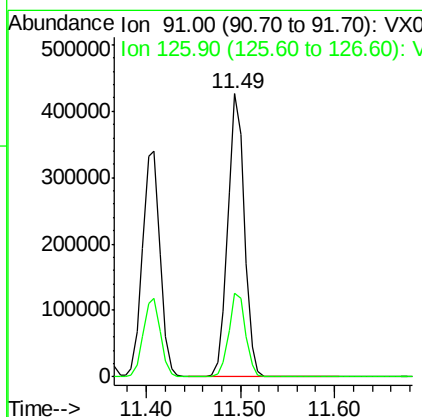
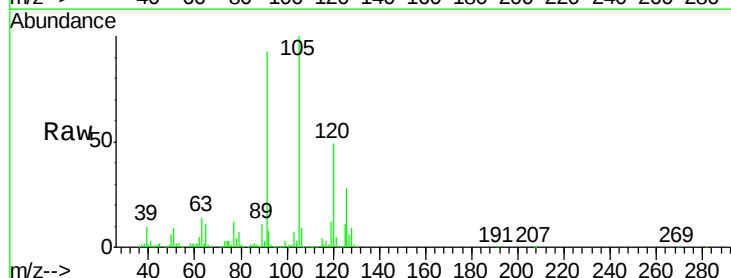
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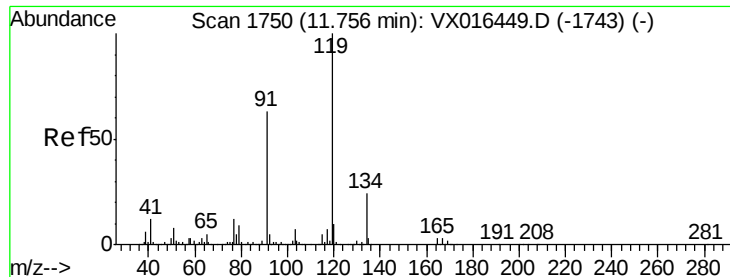
MMDadoda
6/4/2020 3:07:39 PM



#82
4-Chlorotoluene
Concen: 49.924 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.7	44.1





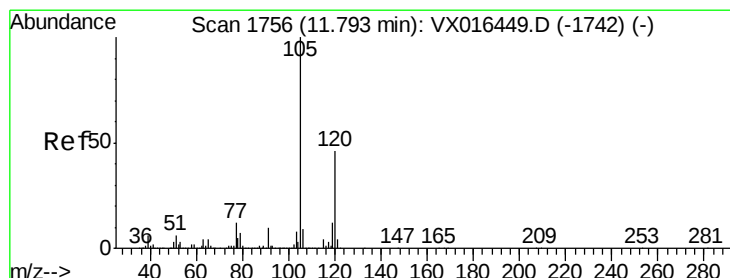
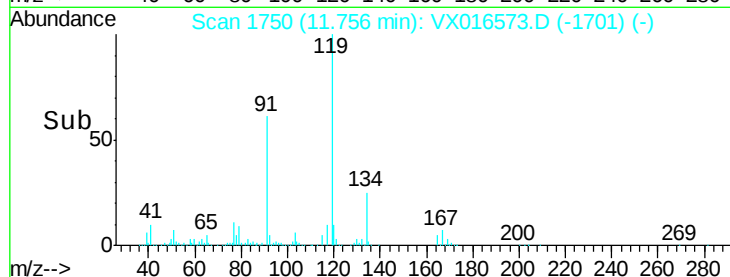
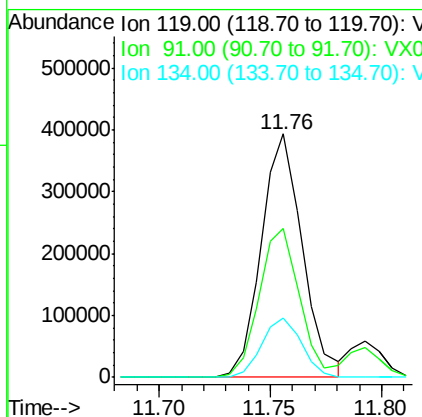
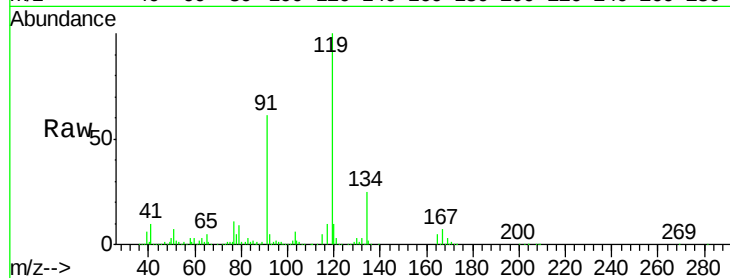
#83
tert-Butylbenzene
Concen: 54.377 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	31.3	93.8
134	23.9	12.0	36.0

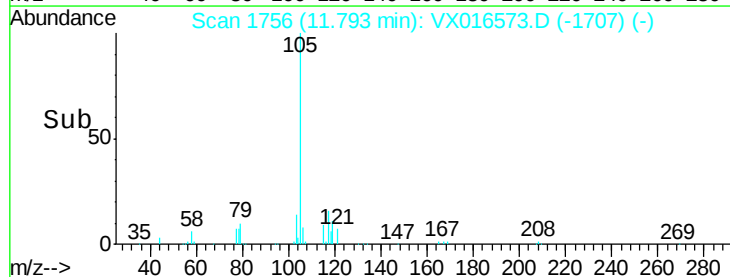
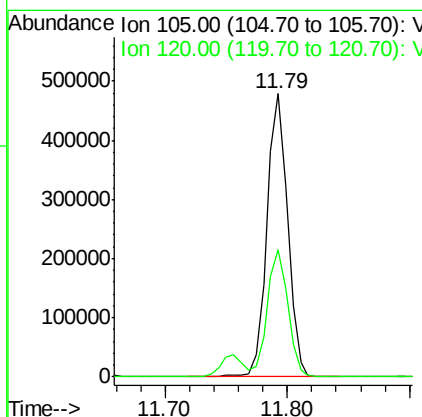
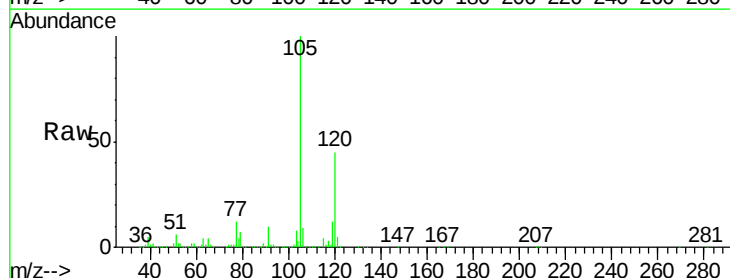
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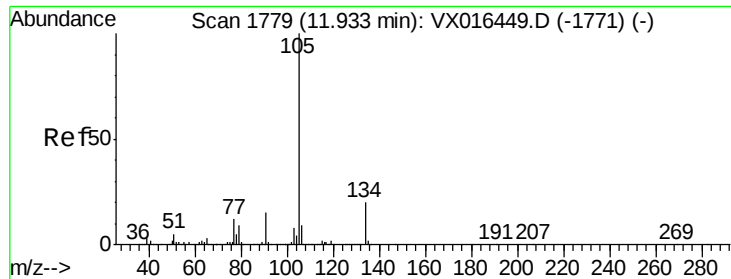
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6/4/2020 3:07:39 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.484 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 52.921 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 613481

Ion Ratio Lower Upper

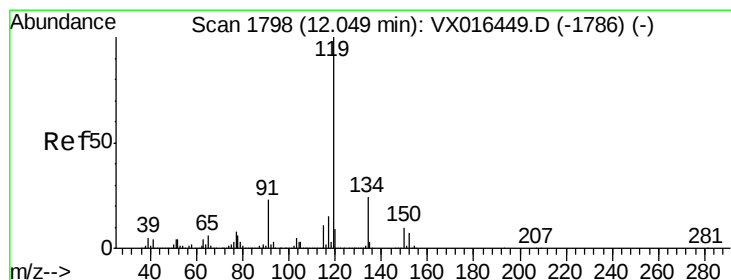
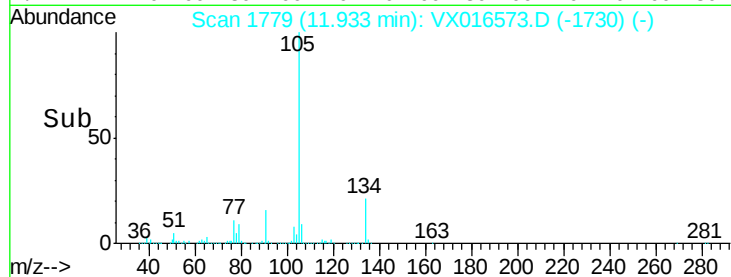
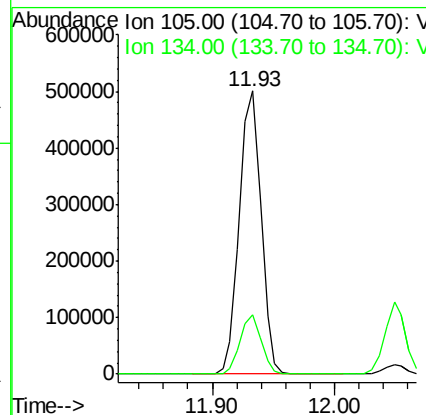
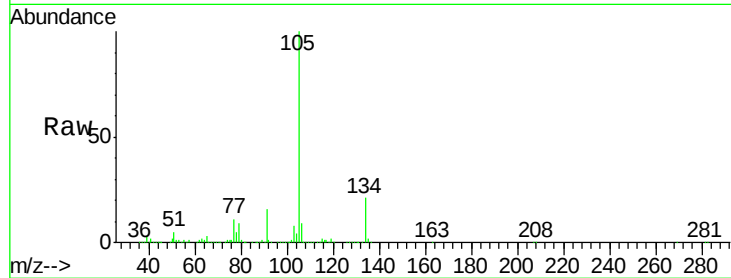
105 100

134 20.3 10.1 30.3

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6/4/2020 3:07:39 PM



#86

p-Isopropyltoluene

Concen: 53.682 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016573.D

Acq: 03 Jun 2020 17:51

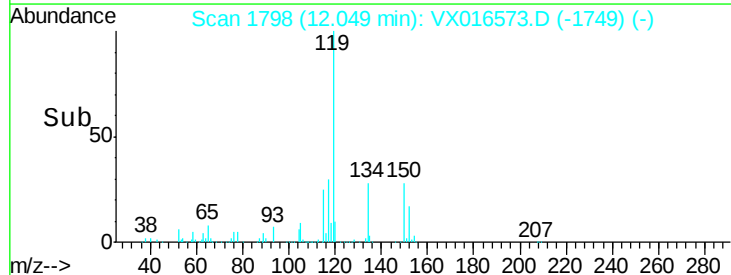
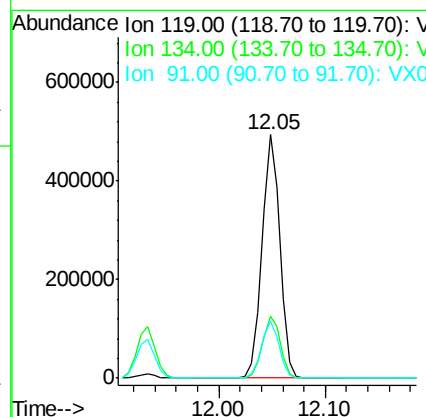
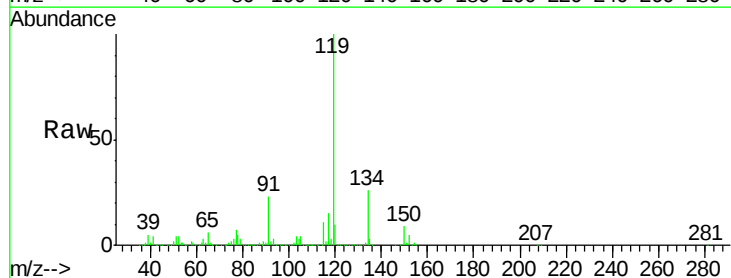
Tgt Ion:119 Resp: 582928

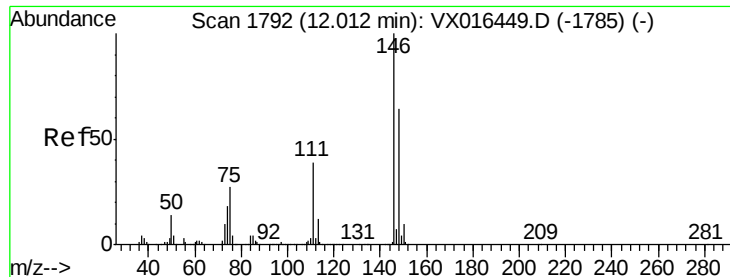
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 23.2 11.7 35.0





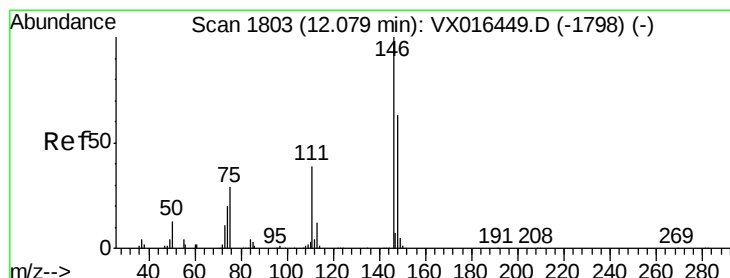
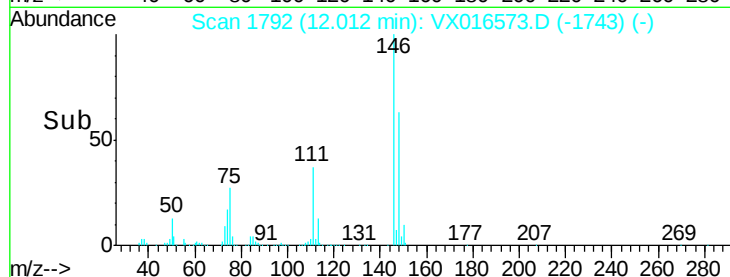
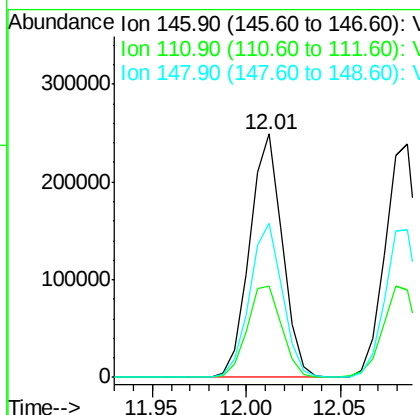
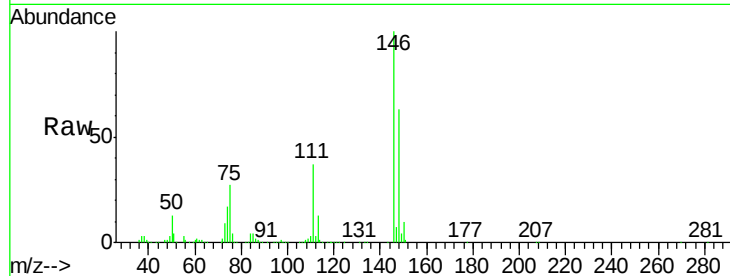
#87
 1,3-Dichlorobenzene
 Concen: 50.827 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	63.3	31.9	95.5

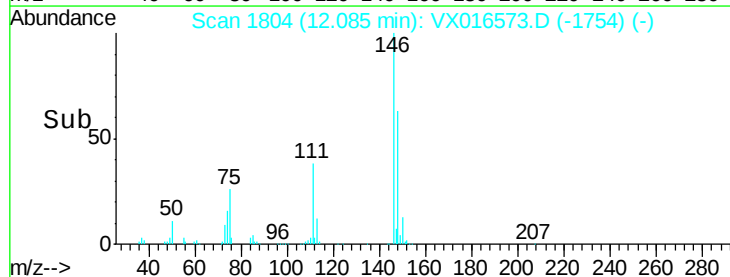
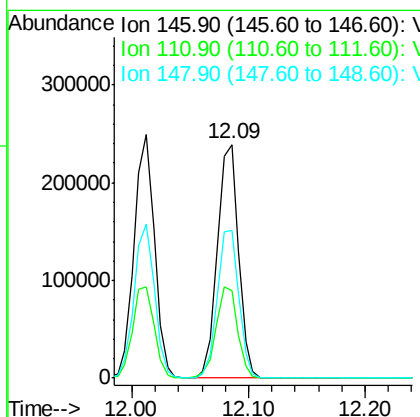
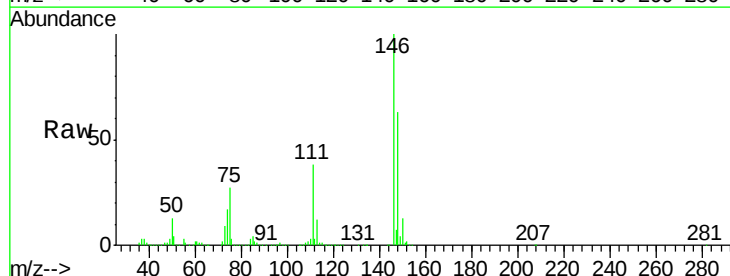
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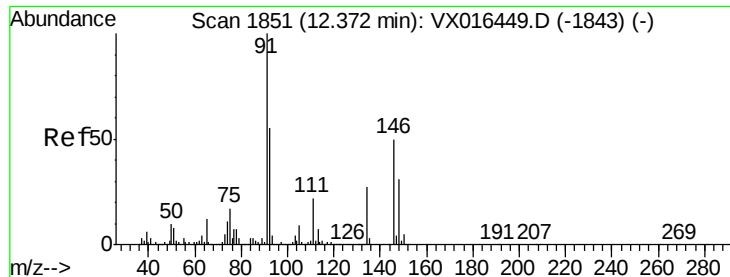
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#88
 1,4-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	64.4	31.4	94.3





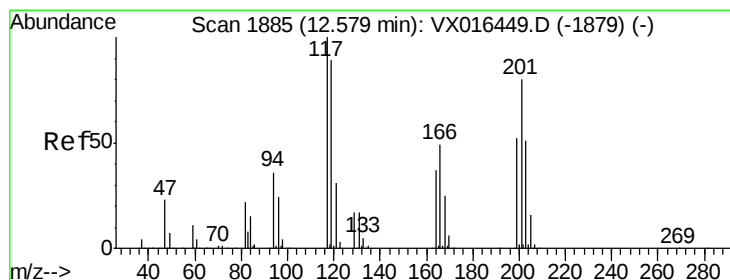
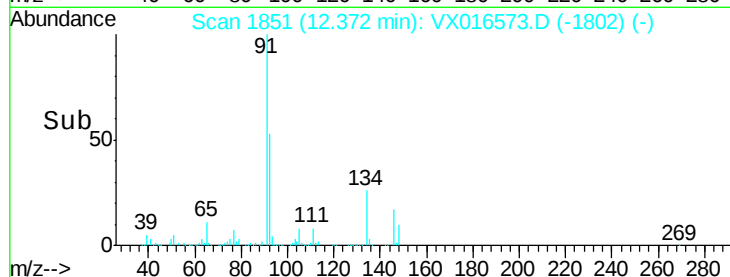
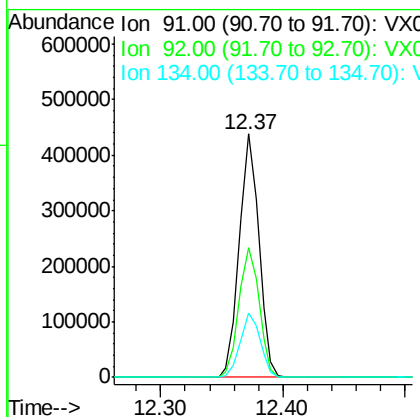
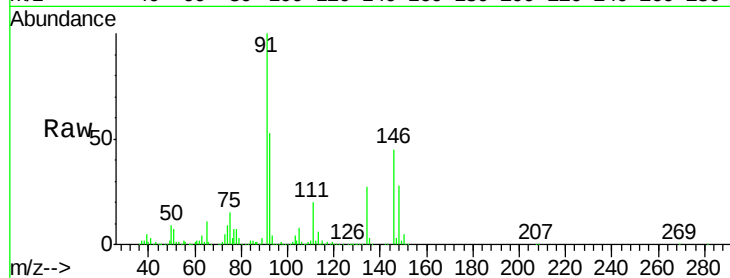
#89
n-Butylbenzene
Concen: 53.530 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.5
134	27.0	13.1	39.3

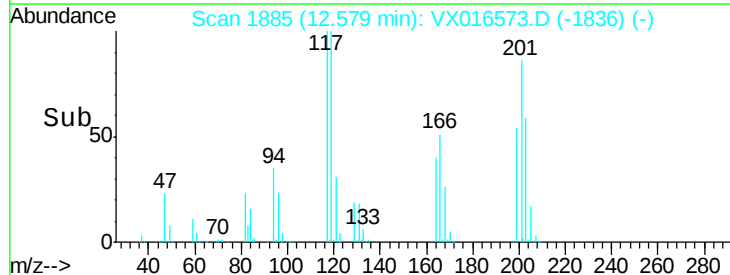
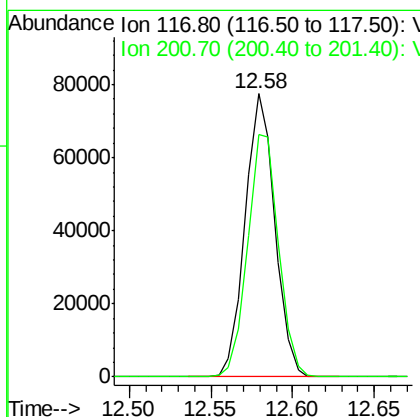
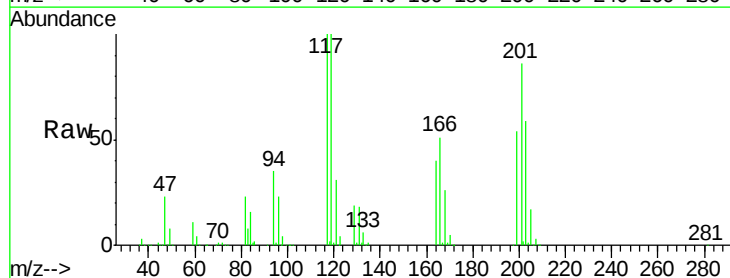
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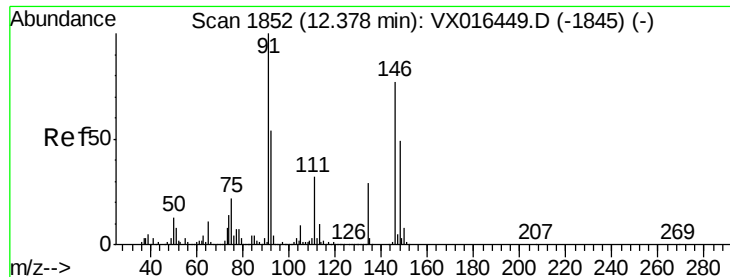
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#90
Hexachloroethane
Concen: 52.639 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.8	43.1	129.3





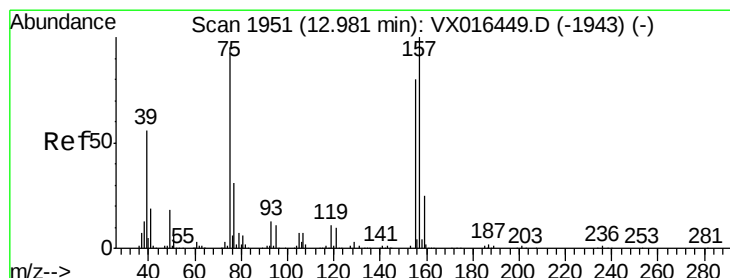
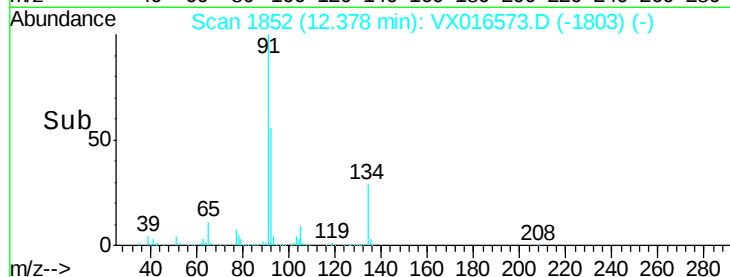
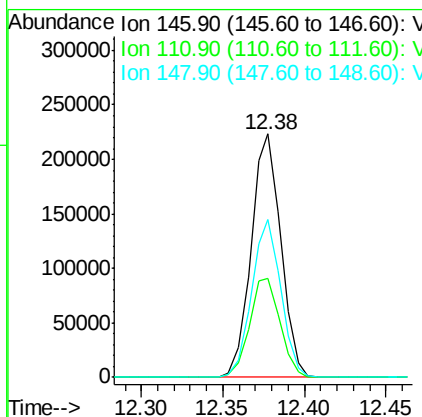
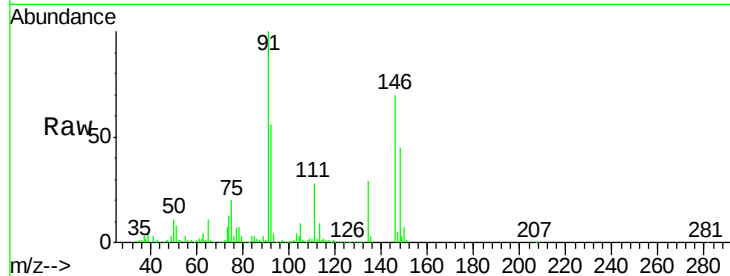
#91
 1,2-Dichlorobenzene
 Concen: 49.635 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	63.8	31.9	95.7

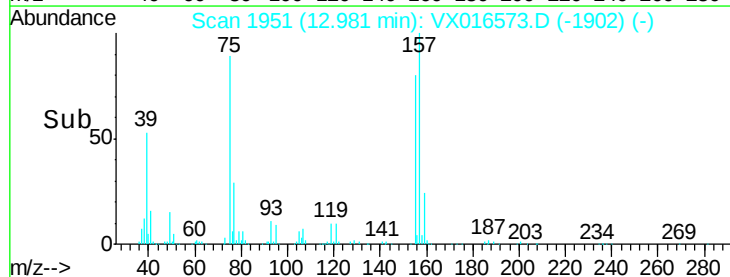
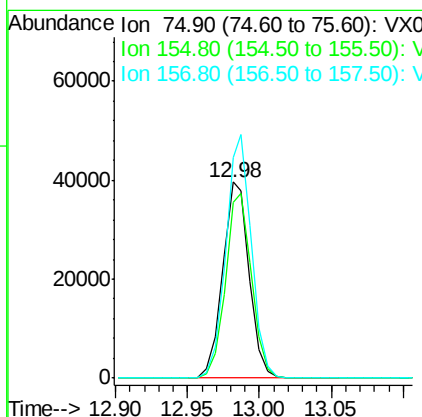
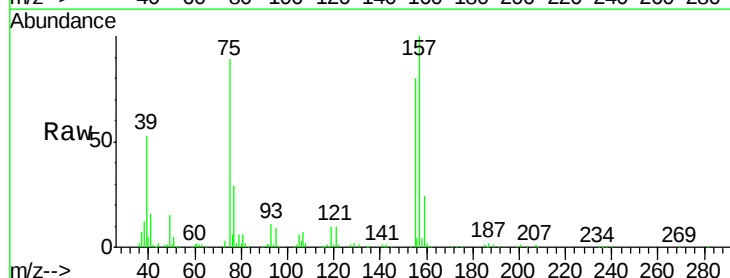
Manual Integrations
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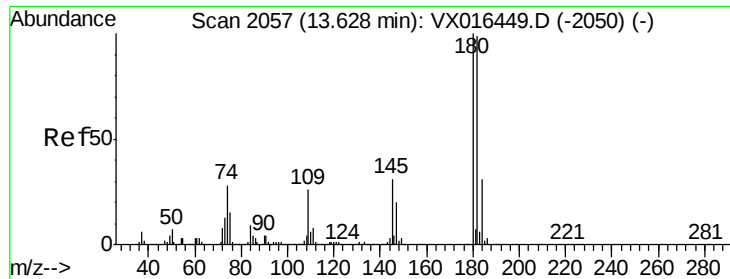
MMDadoda
 6/4/2020 3:07:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.737 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	44.1	132.4
157	119.4	57.8	173.3





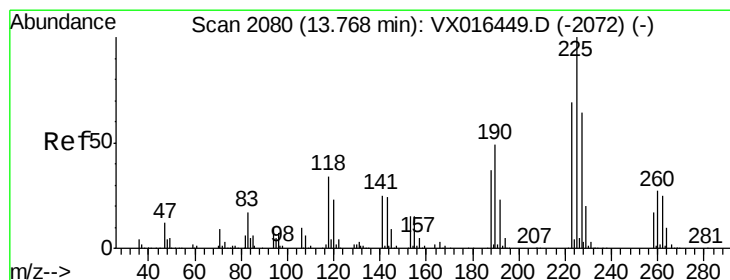
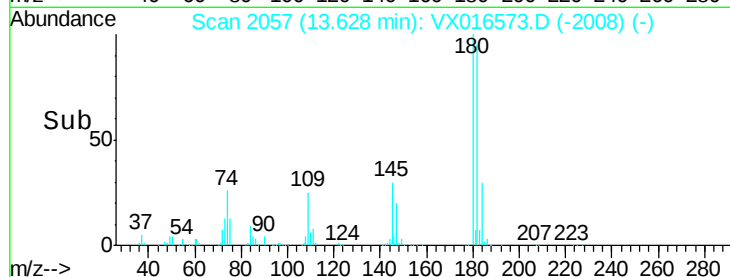
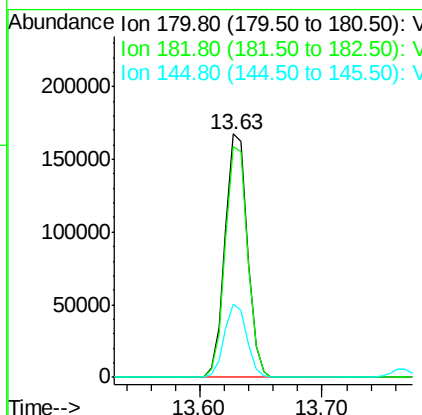
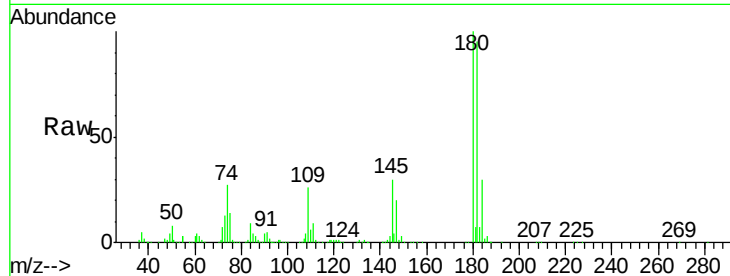
#93
 1,2,4-Trichlorobenzene
 Concen: 55.725 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	211030		
182	94.9	48.3	144.8	
145	30.1	15.4	46.2	

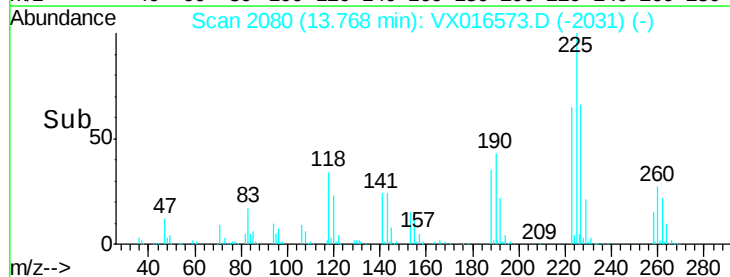
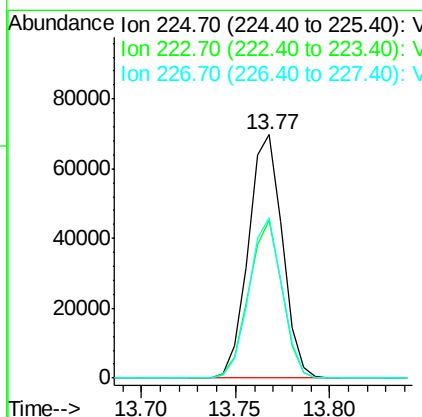
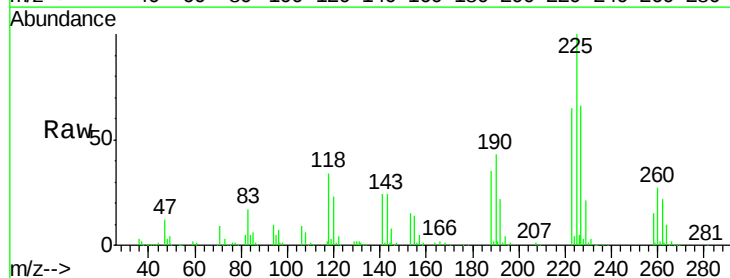
Manual Integrations
 APPROVED

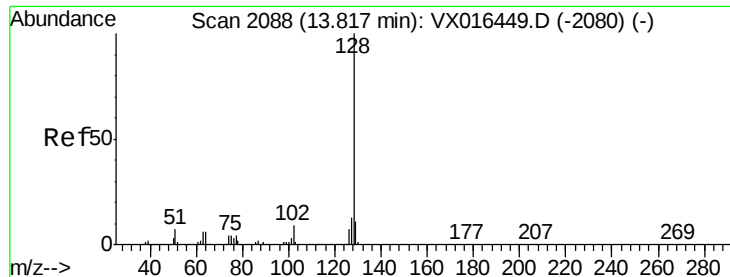
MMDadoda
 6/4/2020 3:07:39 PM



#94
 Hexachlorobutadiene
 Concen: 58.777 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016573.D
 Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87393		
223	63.5	32.3	96.8	
227	63.9	31.6	94.7	





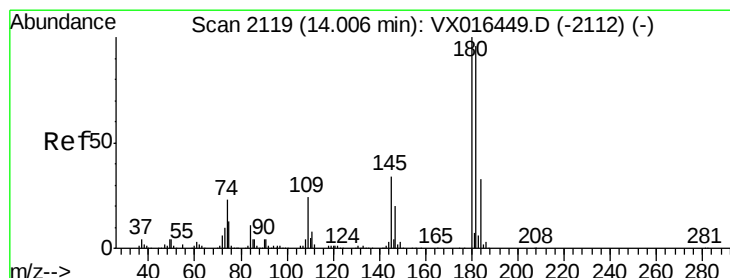
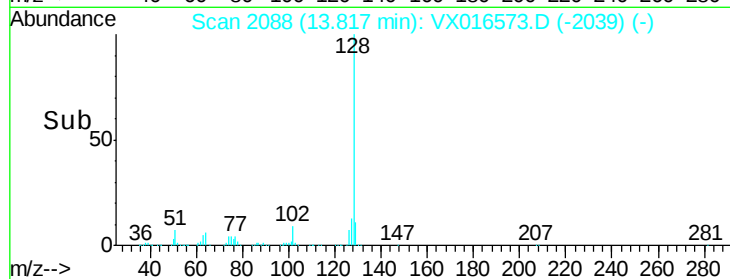
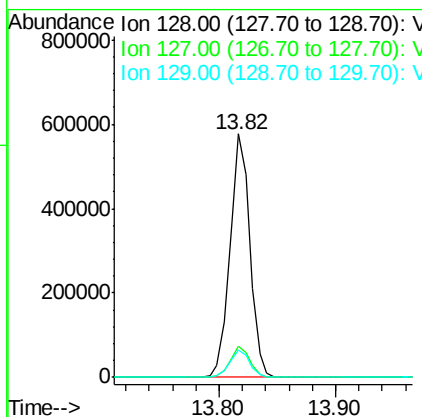
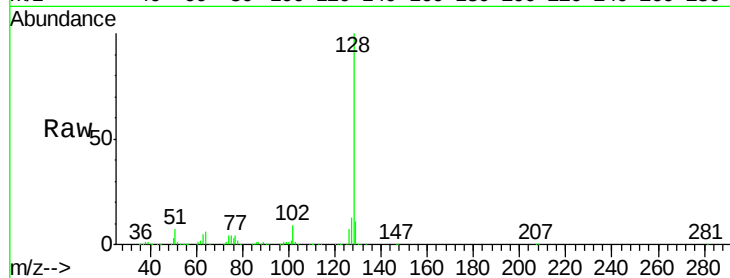
#95
Naphthalene
Concen: 52.639 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:07:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.935 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016573.D
Acq: 03 Jun 2020 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.6	145.8
145	32.1	16.6	49.8

