

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070920\
 Data File : VX017321.D
 Acq On : 09 Jul 2020 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:10 PM

Quant Time: Jul 10 07:33:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	428762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224190	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	185990	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
35) Dibromofluoromethane	5.47	113	152438	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	
50) Toluene-d8	8.70	98	525562	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.12	95	219522	55.99	ug/l	0.00
Spiked Amount			Recovery	=	111.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	120269	44.616	ug/l	100
3) Chloromethane	1.31	50	141344	43.318	ug/l	97
4) Vinyl Chloride	1.39	62	136900	45.221	ug/l	99
5) Bromomethane	1.62	94	76864	48.057	ug/l	97
6) Chloroethane	1.70	64	90494	50.613	ug/l	100
7) Trichlorofluoromethane	1.91	101	235652	52.632	ug/l	99
8) Diethyl Ether	2.17	74	85485	56.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133253	49.657	ug/l	98
10) Methyl Iodide	2.49	142	152547	44.055	ug/l	99
11) Tert butyl alcohol	3.02	59	185877	283.653	ug/l	99
12) 1,1-Dichloroethene	2.36	96	133195	48.317	ug/l	99
13) Acrolein	2.27	56	99538	254.103	ug/l	98
14) Allyl chloride	2.70	41	247200	48.522	ug/l	98
15) Acrylonitrile	3.12	53	448989	285.017	ug/l	99
16) Acetone	2.42	43	370696	288.479	ug/l	98
17) Carbon Disulfide	2.55	76	346190	45.005	ug/l	99
18) Methyl Acetate	2.75	43	203782	60.749	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	519828	56.185	ug/l	99
20) Methylene Chloride	2.83	84	160951	54.687	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	153495	50.174	ug/l	98
22) Diisopropyl ether	3.82	45	502450	53.286	ug/l	99
23) Vinyl Acetate	3.79	43	2234223	275.741	ug/l	100
24) 1,1-Dichloroethane	3.67	63	278581	51.924	ug/l	99
25) 2-Butanone	4.64	43	608589	284.235	ug/l	99
26) 2,2-Dichloropropane	4.55	77	236467	49.638	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	175540	50.642	ug/l	99
28) Bromochloromethane	4.98	49	124903	47.841	ug/l	95
29) Tetrahydrofuran	5.09	42	397755	281.159	ug/l	99
30) Chloroform	5.18	83	295534	53.735	ug/l	96
31) Cyclohexane	5.55	56	205482	44.309	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	266691	52.652	ug/l	99
36) 1,1-Dichloropropene	5.77	75	201415	49.704	ug/l	99
37) Ethyl Acetate	4.79	43	231951	56.415	ug/l	99
38) Carbon Tetrachloride	5.76	117	239855	53.739	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	211094	46.819	ug/l	95
40) Benzene	6.12	78	612472	51.441	ug/l	100
41) Methacrylonitrile	5.00	41	132560	57.284	ug/l	99
42) 1,2-Dichloroethane	6.16	62	240970	56.031	ug/l	100
43) Isopropyl Acetate	6.42	43	381718	55.871	ug/l	99
44) Trichloroethene	7.19	130	179968	54.805	ug/l	100
45) 1,2-Dichloropropane	7.49	63	164461	53.779	ug/l	99
46) Dibromomethane	7.64	93	114051	54.627	ug/l	95
47) Bromodichloromethane	7.87	83	241318	56.087	ug/l	97
48) Methyl methacrylate	7.75	41	190819	58.787	ug/l	98
49) 1,4-Dioxane	7.71	88	73838	1004.113	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1215474	298.449	ug/l	99
52) Toluene	8.77	92	395933	53.262	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	260803	54.938	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	276875	54.407	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	171247	56.383	ug/l	96
56) Ethyl methacrylate	9.16	69	257458	59.556	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278013	54.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	590485	274.456	ug/l	99
59) 2-Hexanone	9.48	43	927574	311.854	ug/l	100
60) Dibromochloromethane	9.57	129	206596	58.566	ug/l	99
61) 1,2-Dibromoethane	9.65	107	182864	56.013	ug/l	100
64) Tetrachloroethene	9.32	164	171031	51.820	ug/l	94
65) Chlorobenzene	10.12	112	441824	52.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	183988	56.562	ug/l	99
67) Ethyl Benzene	10.24	91	752400	53.378	ug/l	99
68) m/p-Xylenes	10.34	106	575186	106.275	ug/l	97
69) o-Xylene	10.68	106	274898	53.392	ug/l	97
70) Styrene	10.70	104	496180	56.592	ug/l	100
71) Bromoform	10.84	173	166524	64.557	ug/l #	98
73) Isopropylbenzene	11.00	105	746891	50.862	ug/l	100
74) N-amyl acetate	10.88	43	349349	55.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249927	54.106	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	243487m	55.230	ug/l	
77) Bromobenzene	11.24	156	213119	52.806	ug/l	96
78) n-propylbenzene	11.34	91	849592	51.162	ug/l	100
79) 2-Chlorotoluene	11.40	91	523449	52.084	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	639513	52.503	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90128	52.942	ug/l	95
82) 4-Chlorotoluene	11.49	91	626705	52.163	ug/l	99
83) tert-Butylbenzene	11.76	119	634333	53.051	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	665223	53.833	ug/l	100
85) sec-Butylbenzene	11.93	105	723392	51.468	ug/l	100
86) p-Isopropyltoluene	12.05	119	691464	52.847	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	371741	50.715	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	380113	55.008	ug/l	99
89) n-Butylbenzene	12.37	91	590299	50.526	ug/l	99
90) Hexachloroethane	12.58	117	133419	51.708	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	366953	53.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61775	56.061	ug/l	97

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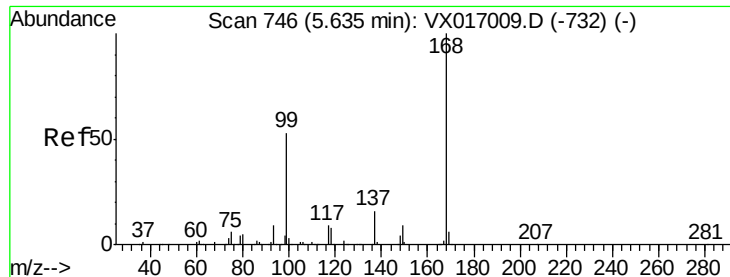
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251021	53.676	ug/l	99
94) Hexachlorobutadiene	13.77	225	98975	55.668	ug/l	95
95) Naphthalene	13.82	128	829386	58.335	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	253963	56.114	ug/l	99

(#) = 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. -0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 278634

Ion Ratio Lower Upper

168 100

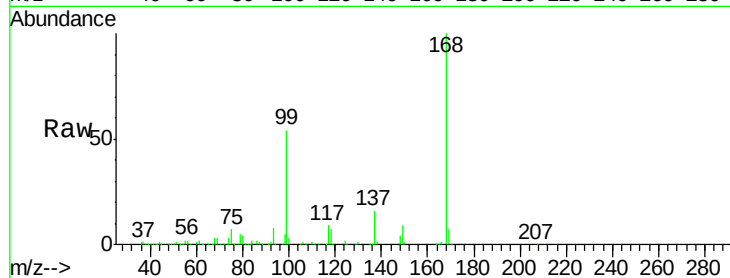
99 53.6 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

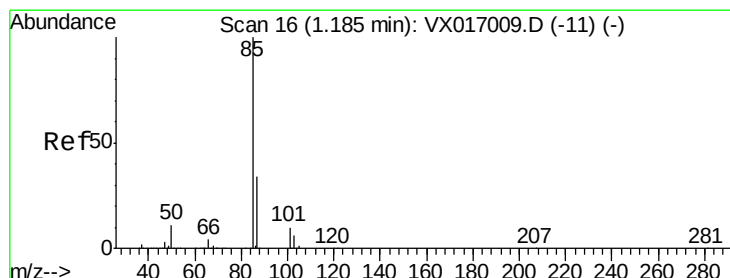
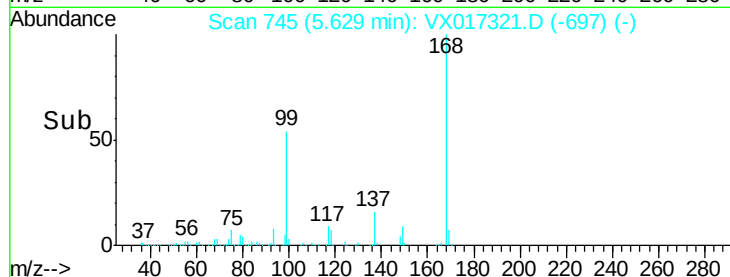
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.616 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017321.D

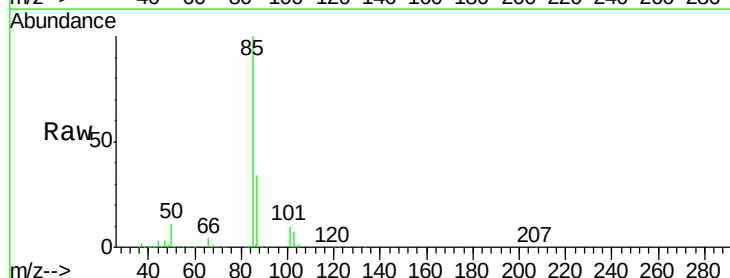
Acq: 09 Jul 2020 20:21

Tgt Ion: 85 Resp: 120269

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

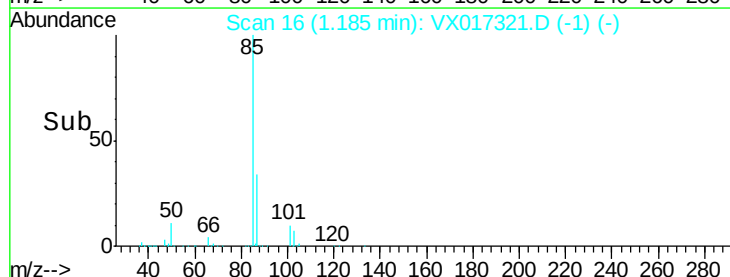
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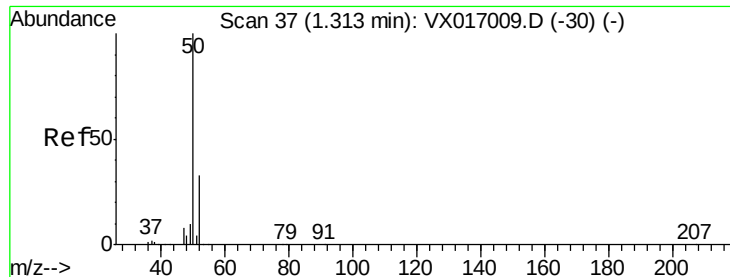
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 43.318 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141344

Ion Ratio Lower Upper

50 100

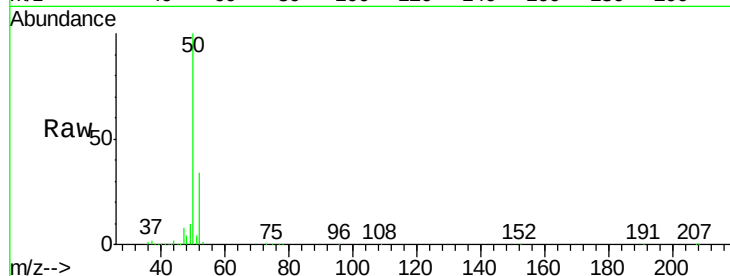
52 34.2 26.1 39.1

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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

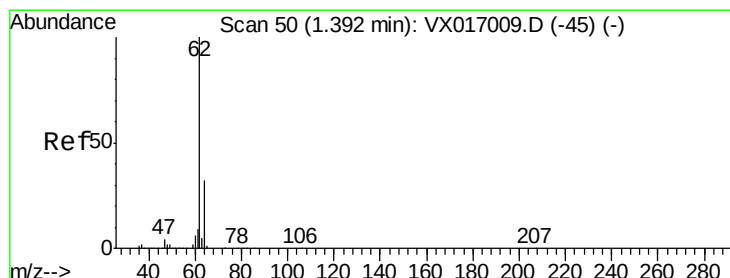
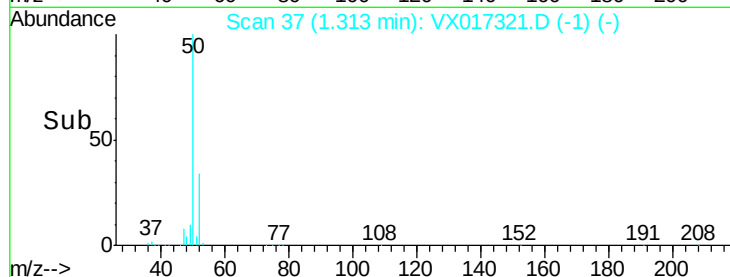
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 45.221 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017321.D

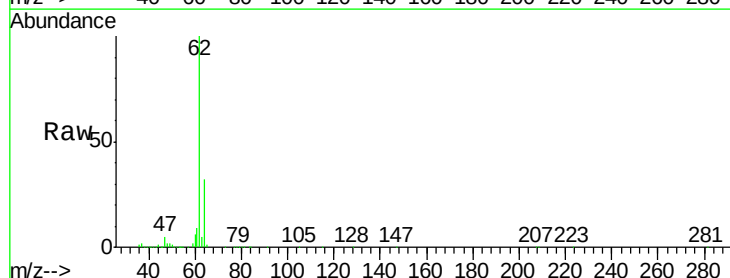
Acq: 09 Jul 2020 20:21

Tgt Ion: 62 Resp: 136900

Ion Ratio Lower Upper

62 100

64 32.0 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

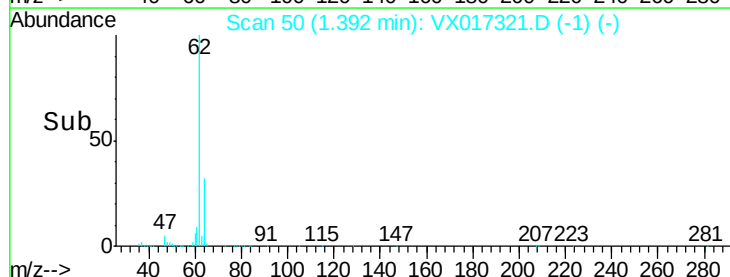
150000

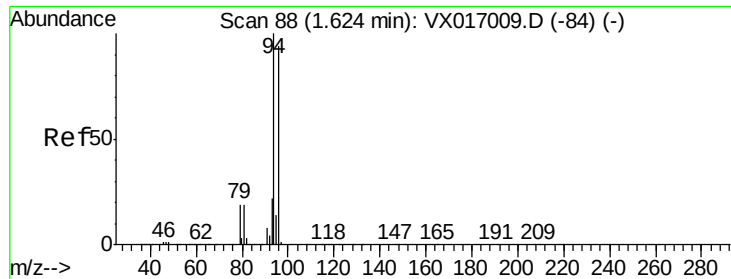
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 48.057 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76864

Ion Ratio Lower Upper

94 100

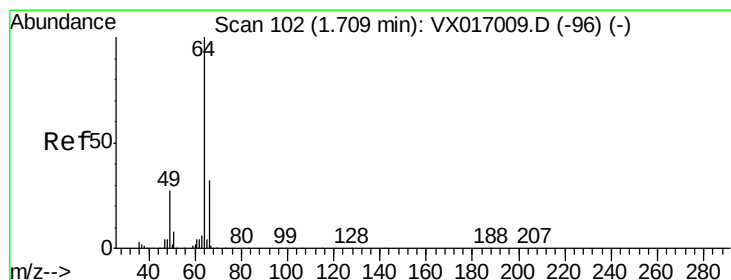
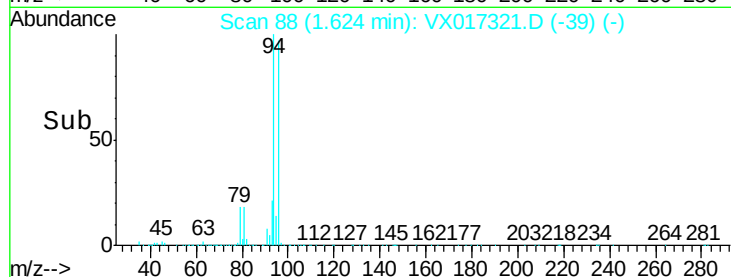
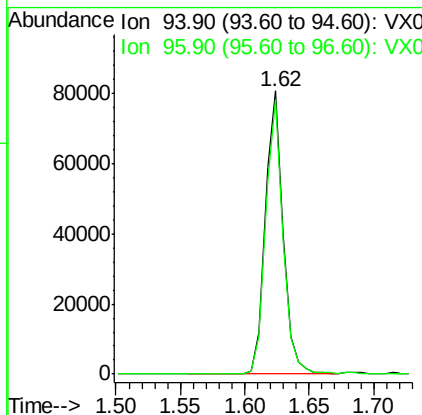
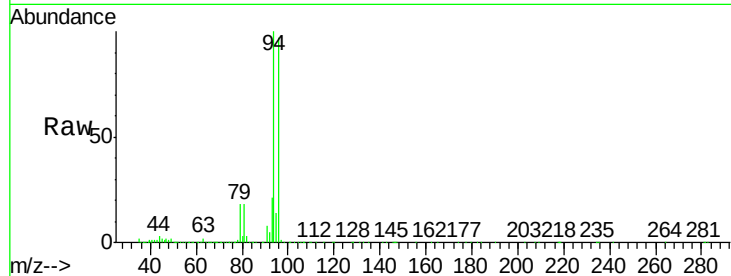
96 96.7 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 50.613 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017321.D

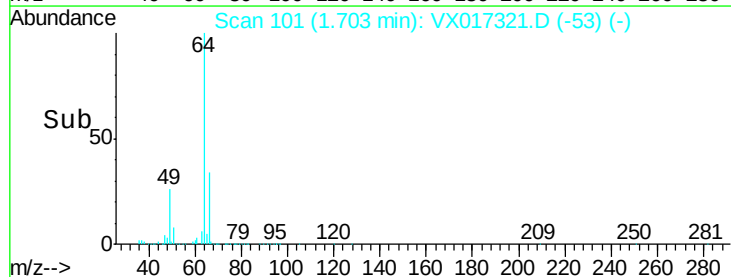
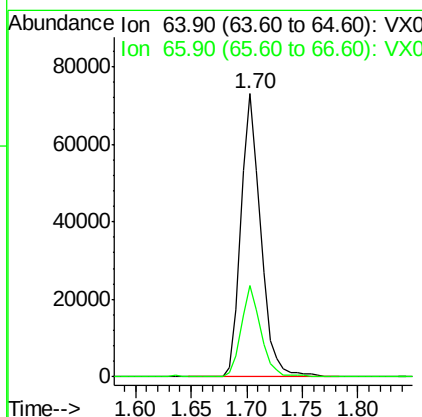
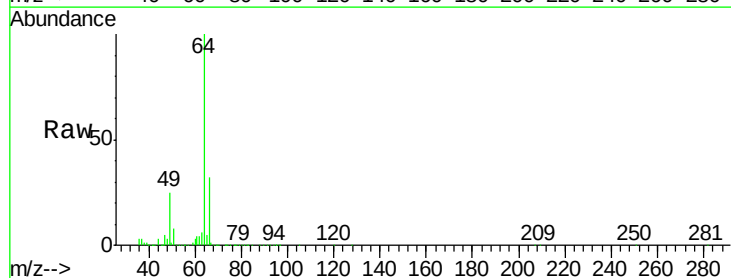
Acq: 09 Jul 2020 20:21

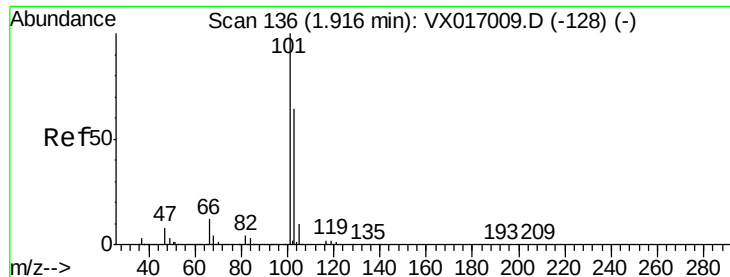
Tgt Ion: 64 Resp: 90494

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

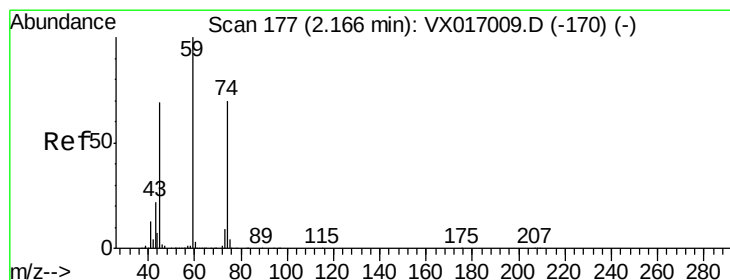
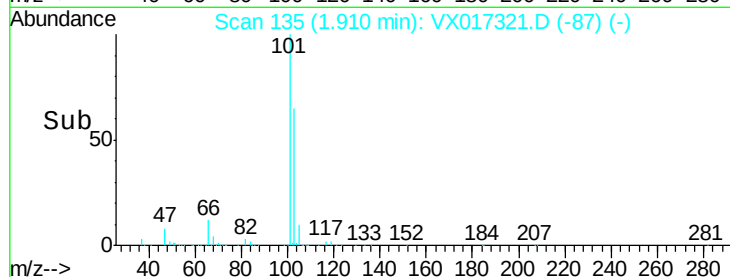
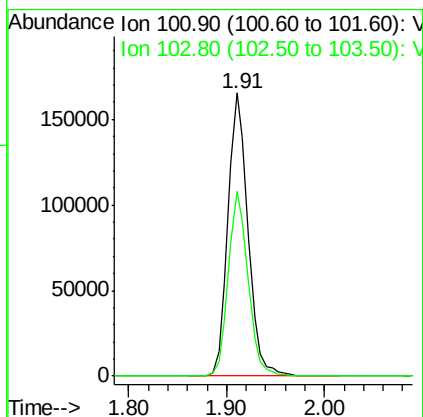
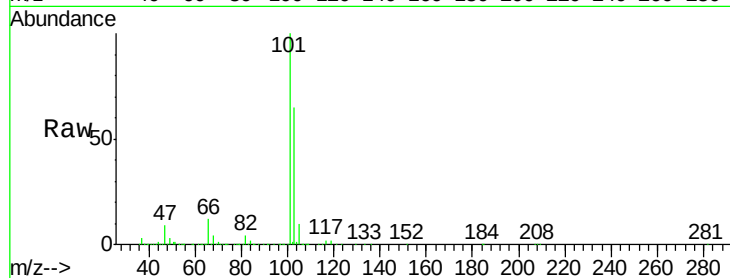
Trichlorofluoromethane
 Concen: 52.632 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.5	77.3

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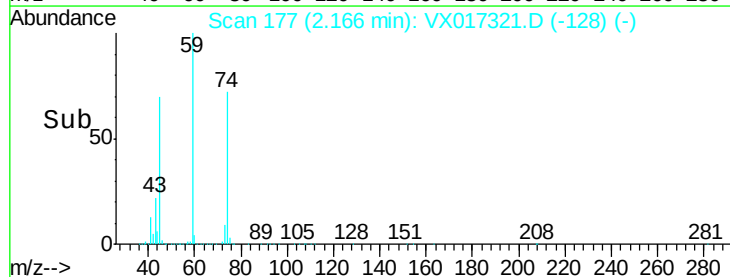
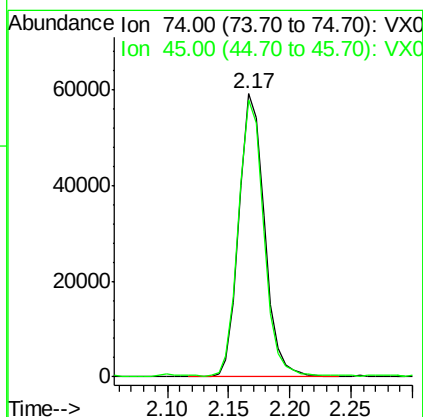
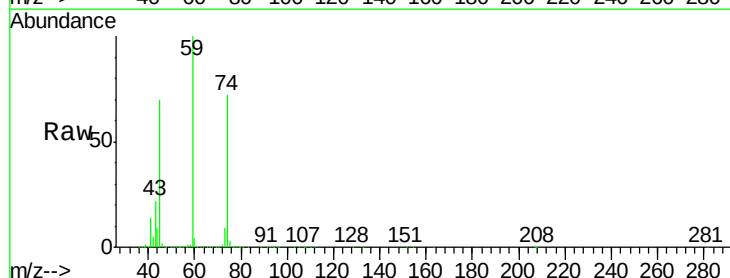
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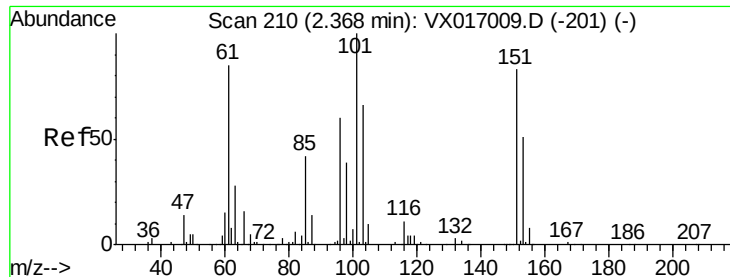


#8

Diethyl Ether
 Concen: 56.695 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	49.8	149.3





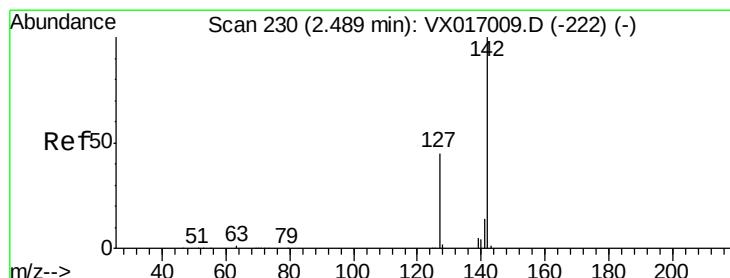
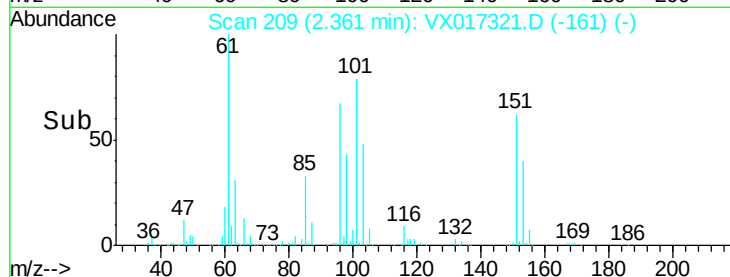
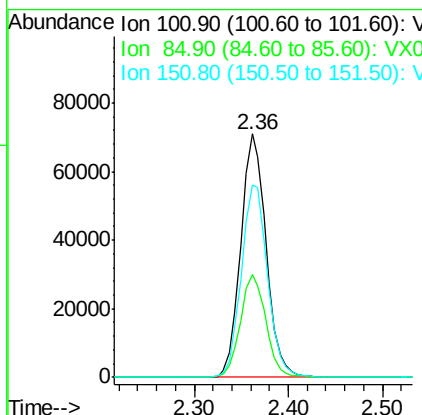
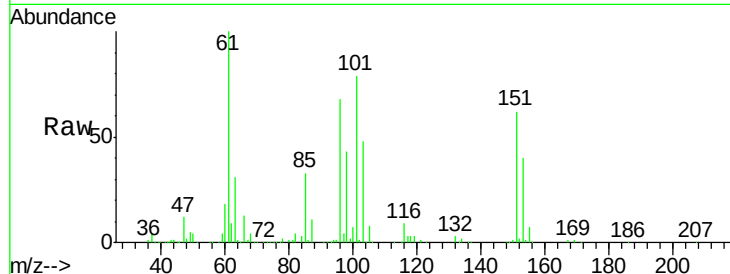
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.657 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX017321.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	133253		
85	42.5	33.5	50.3	
151	82.0	63.8	95.6	

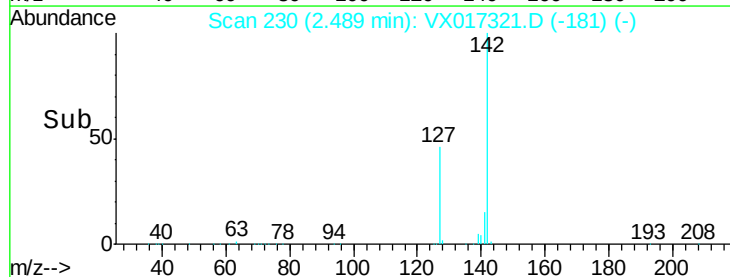
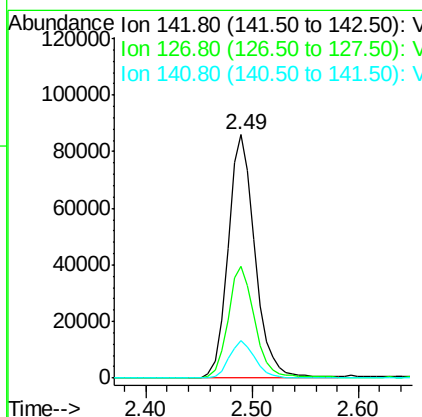
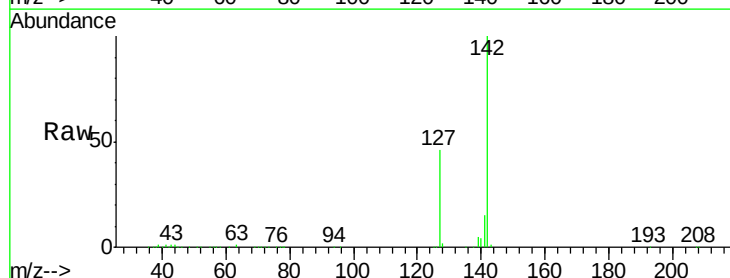
Manual Integrations
APPROVED

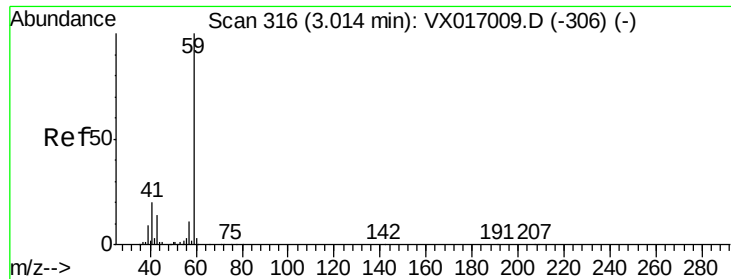
MMDadoda
7/10/2020 12:37:10 PM



#10
Methyl Iodide
Concen: 44.055 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	152547		
127	45.2	36.6	54.8	
141	14.9	11.6	17.4	





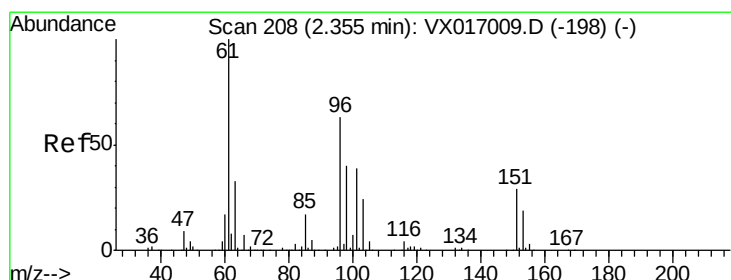
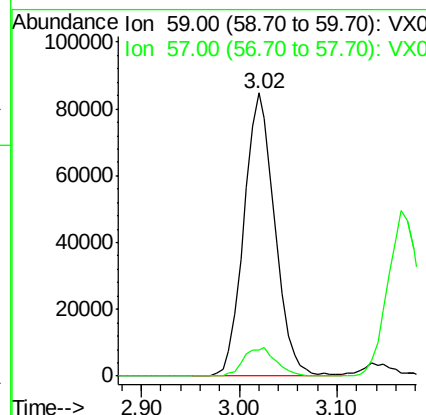
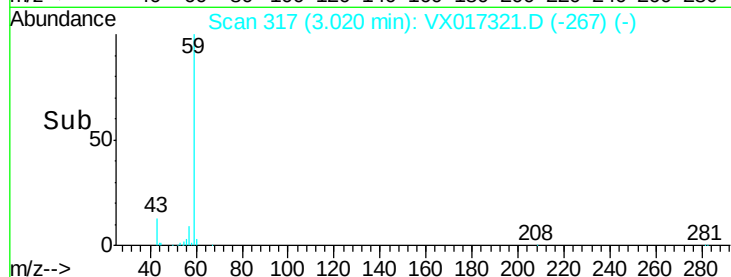
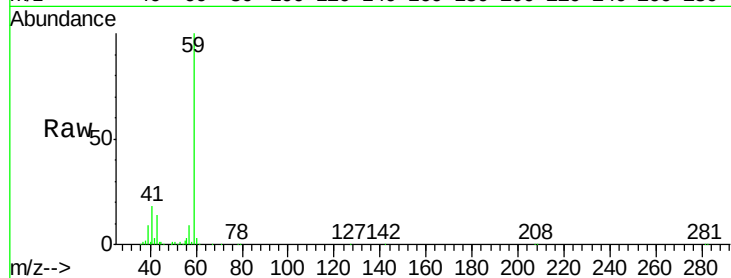
#11
Tert butyl alcohol
Concen: 283.653 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

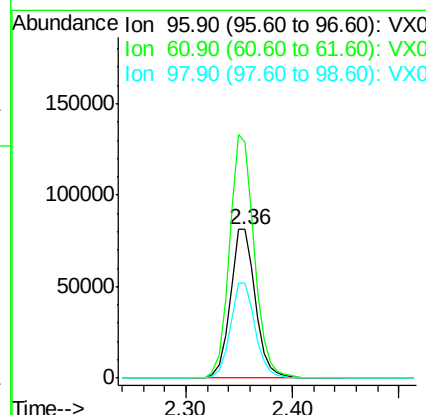
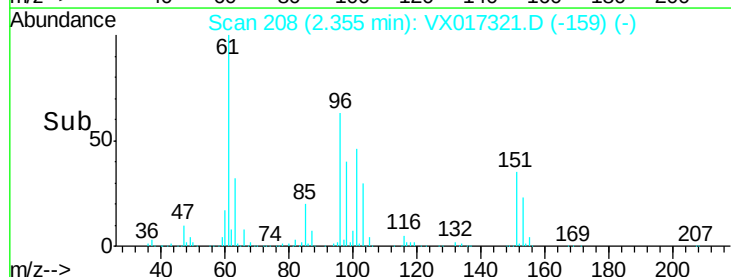
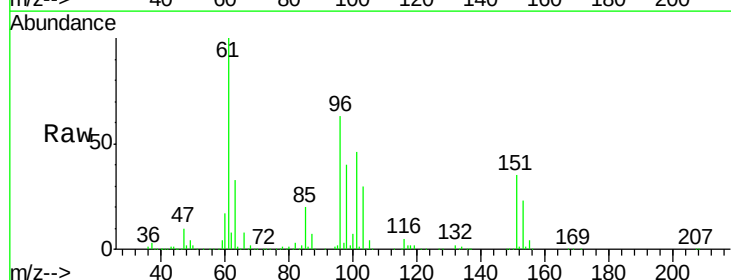
Manual Integrations
APPROVED

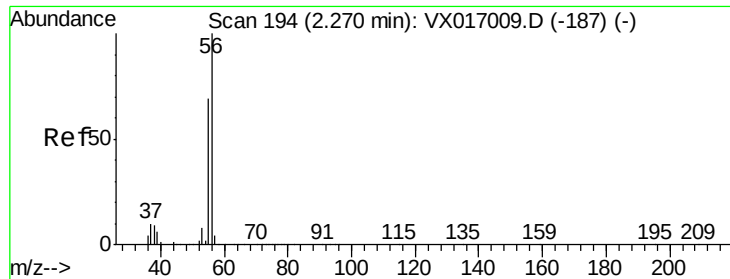
MMDadoda
7/10/2020 12:37:10 PM



#12
1,1-Dichloroethene
Concen: 48.317 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	126.3	189.5
98	63.5	51.0	76.6





#13

Acrolein

Concen: 254.103 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 99538

Ion Ratio Lower Upper

56 100

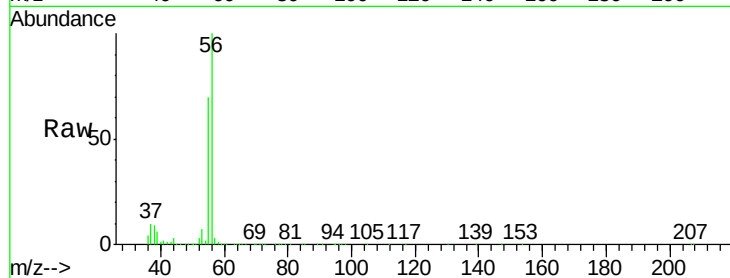
55 71.0 55.7 83.5

Manual Integrations

APPROVED

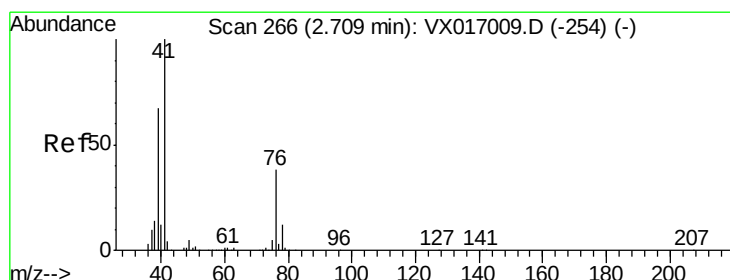
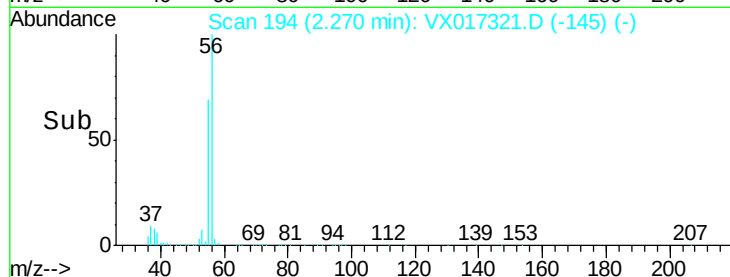
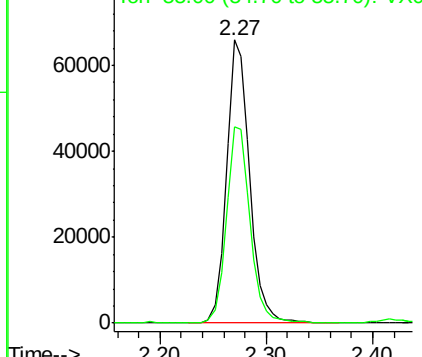
MMDadoda

7/10/2020 12:37:10 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.522 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

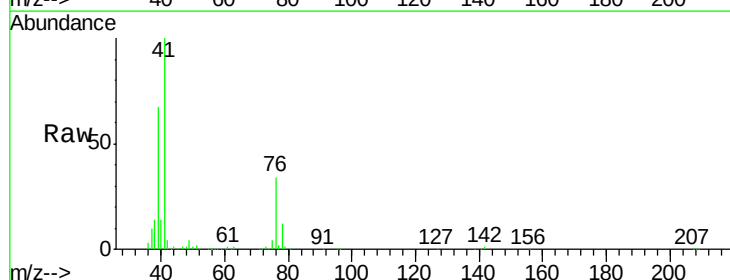
Tgt Ion: 41 Resp: 247200

Ion Ratio Lower Upper

41 100

39 63.8 49.4 74.2

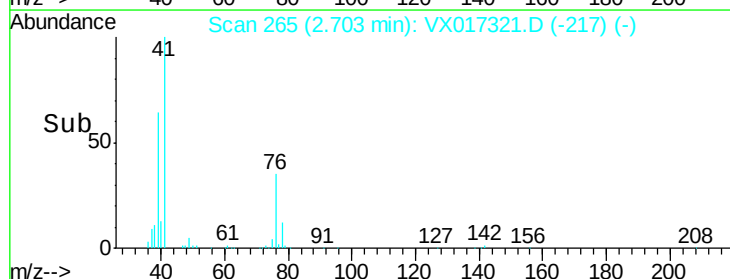
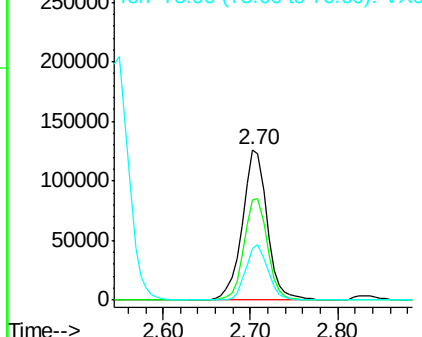
76 33.0 26.8 40.2

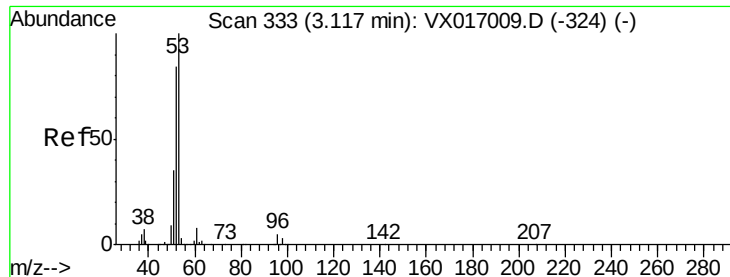


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 285.017 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

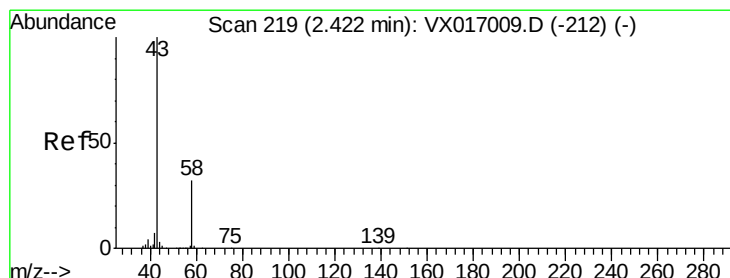
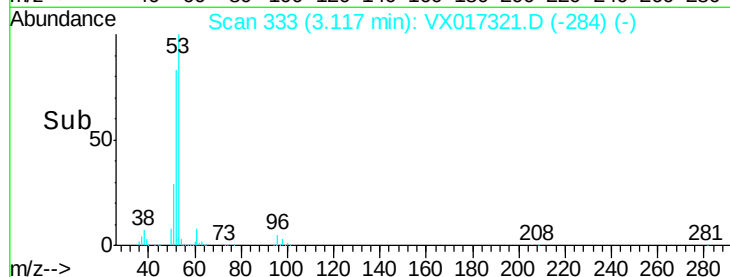
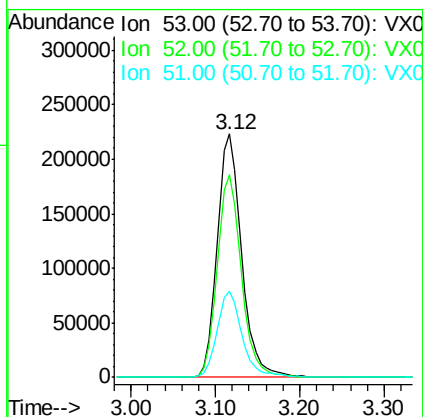
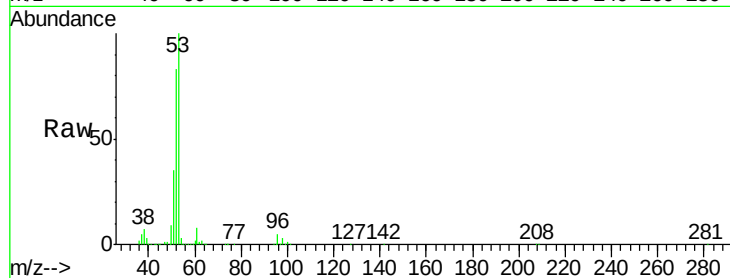
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	448989
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	36.0	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 288.479 ug/l

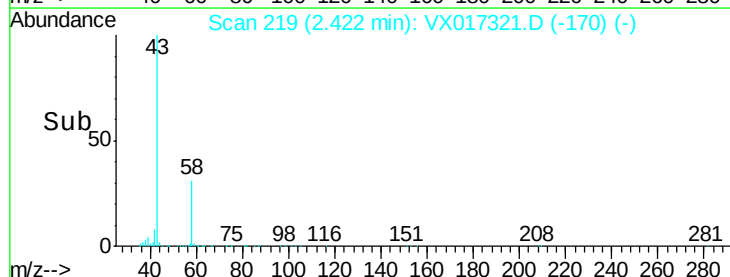
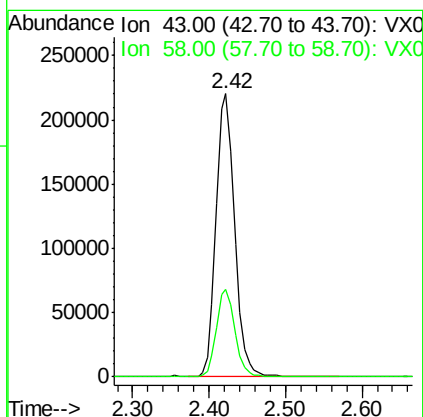
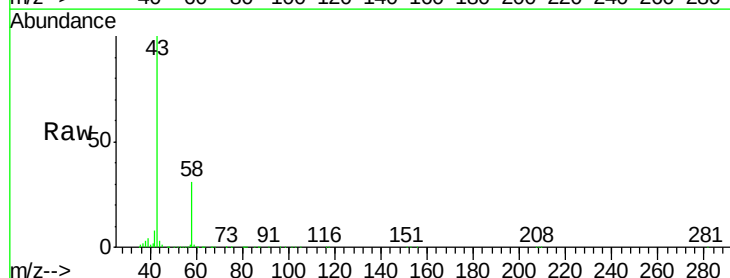
RT: 2.42 min Scan# 219

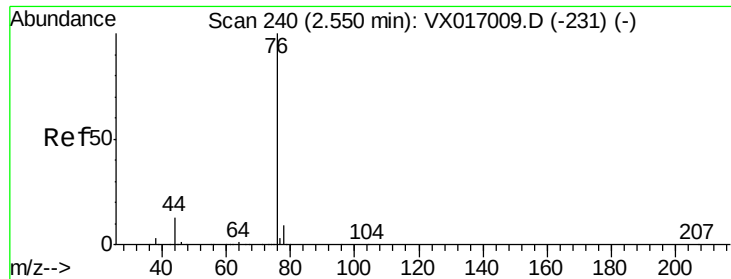
Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	43	Resp:	370696
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.7	38.5





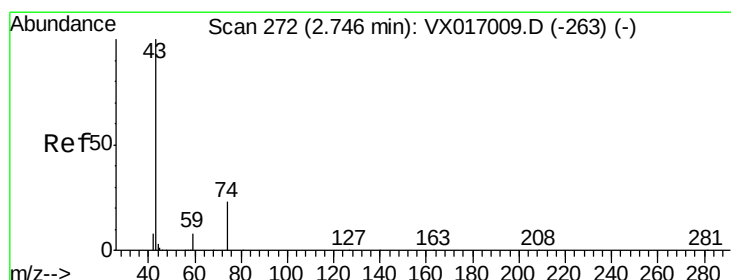
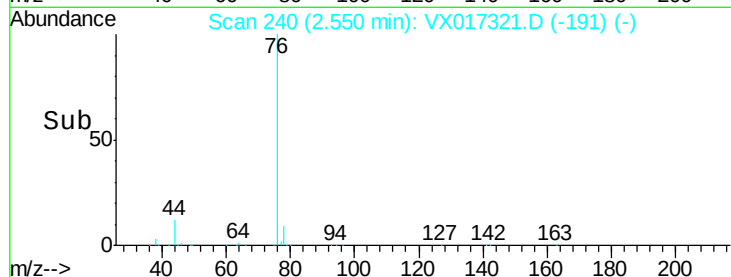
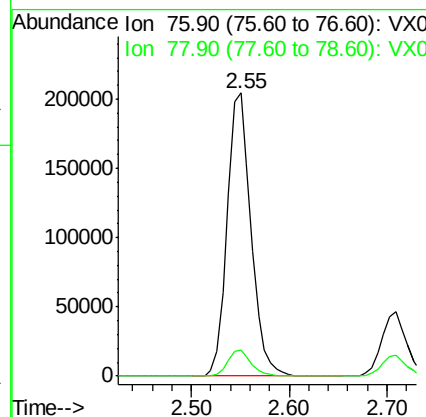
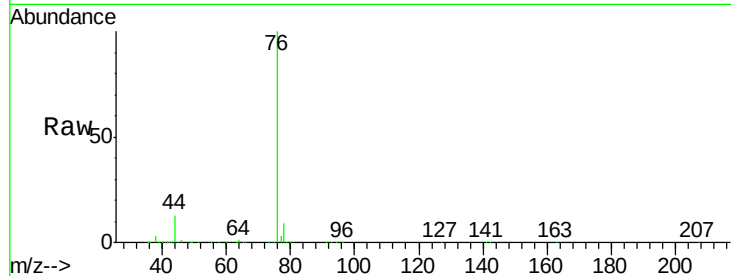
#17
Carbon Disulfide
Concen: 45.005 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

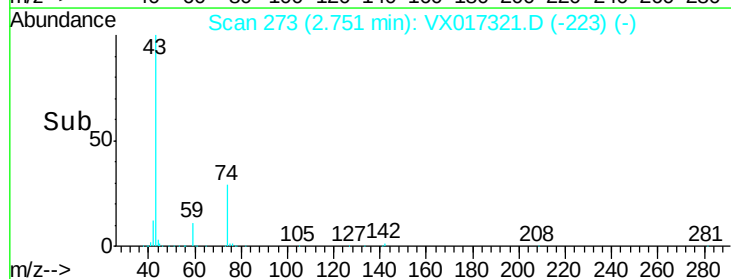
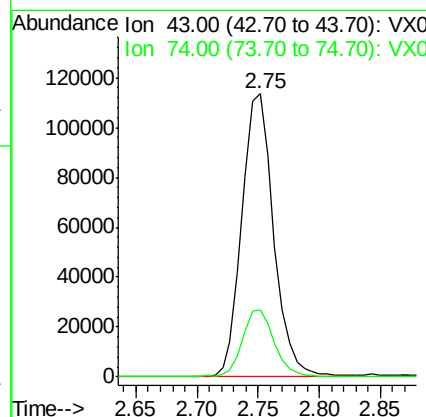
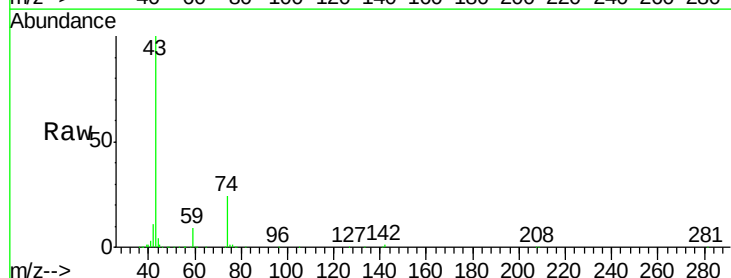
Manual Integrations
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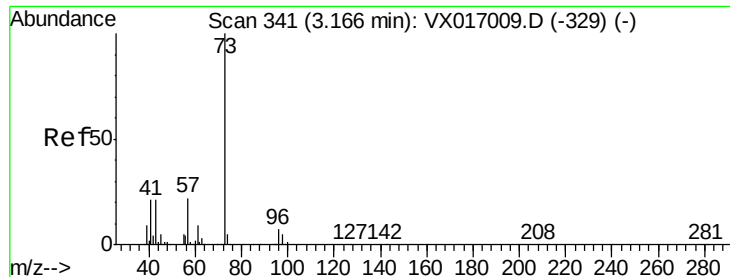
MMDadoda
7/10/2020 12:37:10 PM



#18
Methyl Acetate
Concen: 60.749 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





#19

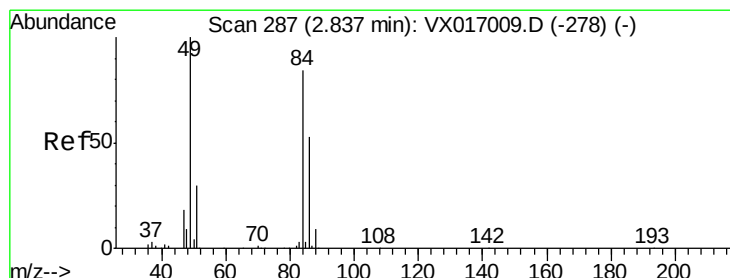
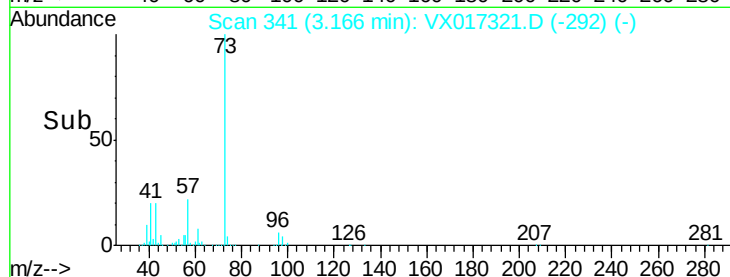
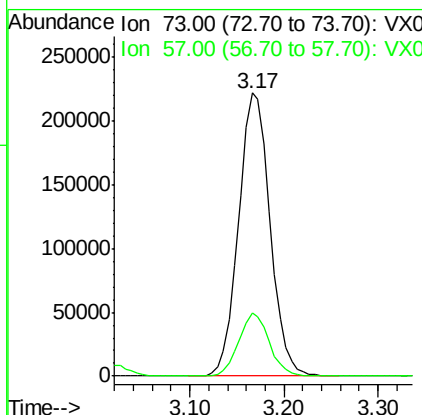
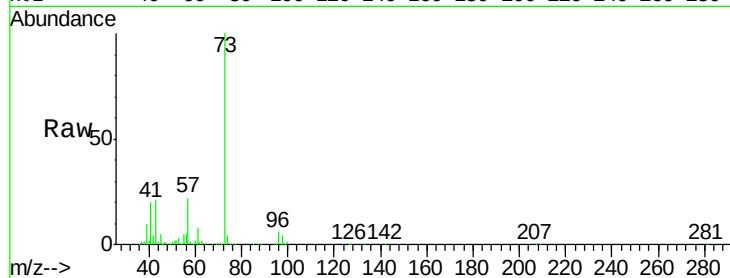
Methyl tert-butyl Ether
 Concen: 56.185 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	73	Resp	519828
Ion Ratio	100	Lower	Upper
73	100		
57	22.4	17.6	26.4

Manual Integrations
 APPROVED

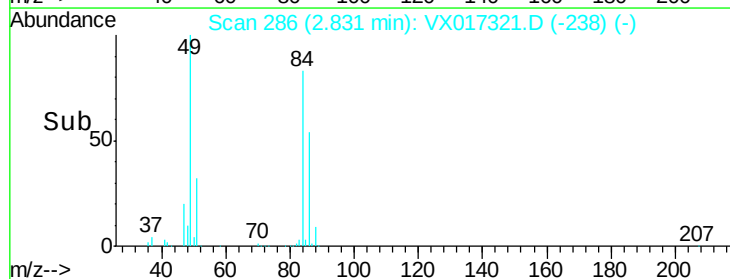
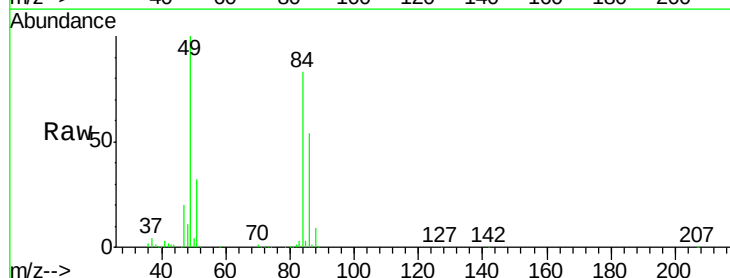
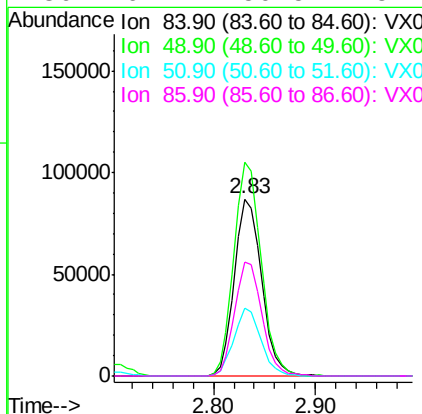
MMDadoda
 7/10/2020 12:37:10 PM

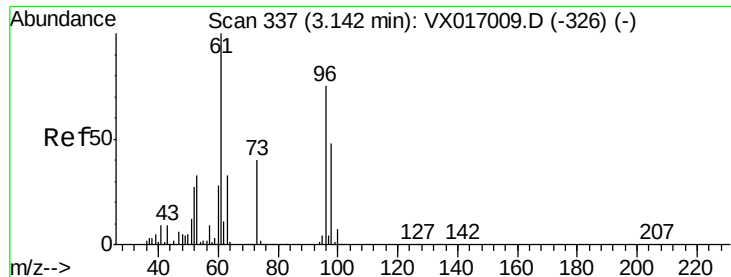


#20

Methylene Chloride
 Concen: 54.687 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	84	Resp	160951
Ion Ratio	100	Lower	Upper
84	100		
49	120.9	94.7	142.1
51	38.6	28.6	42.8
86	64.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 50.174 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

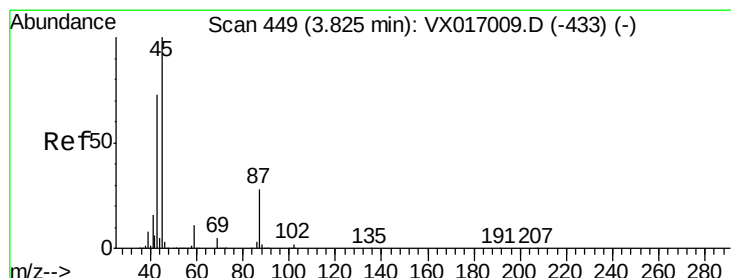
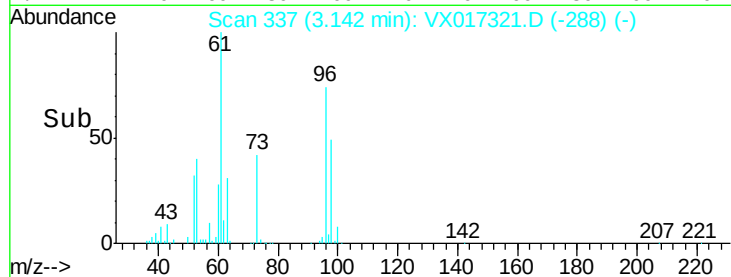
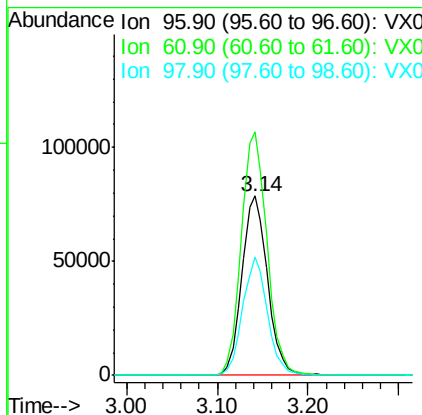
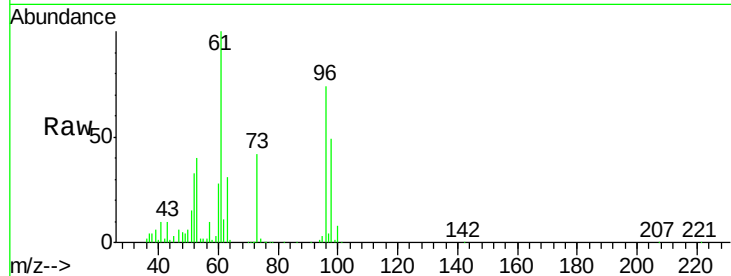
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	153495
Ion	Ratio	Lower	Upper
96	100		
61	135.8	107.0	160.6
98	65.9	51.6	77.4

Manual Integrations
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7/10/2020 12:37:10 PM



#22

Diisopropyl ether

Concen: 53.286 ug/l

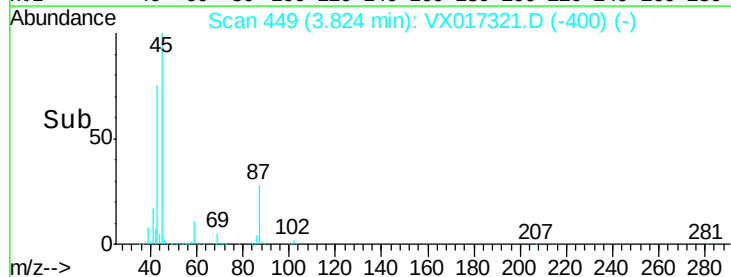
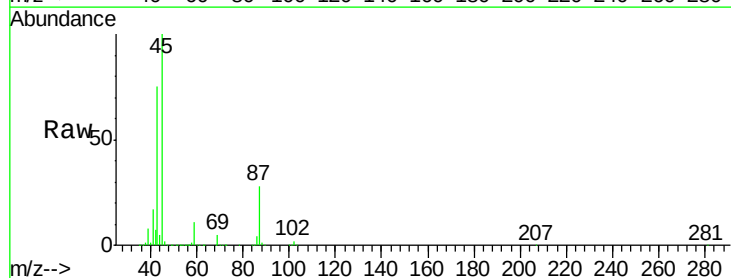
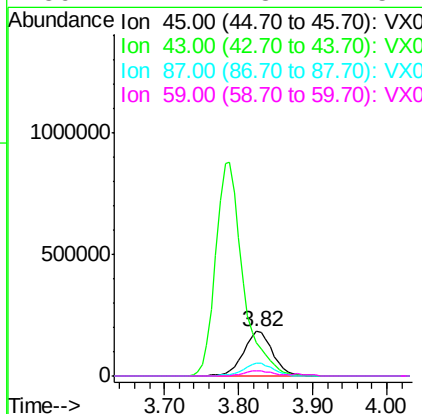
RT: 3.82 min Scan# 449

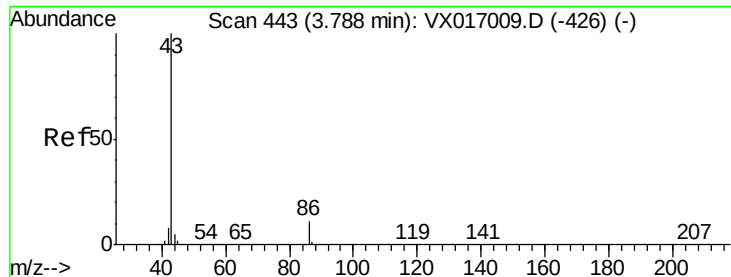
Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	45	Resp:	502450
Ion	Ratio	Lower	Upper
45	100		
43	74.3	58.6	88.0
87	28.2	22.6	34.0
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 275.741 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2234223

Ion Ratio Lower Upper

43 100

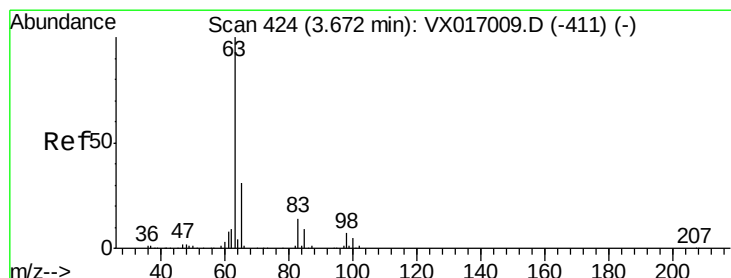
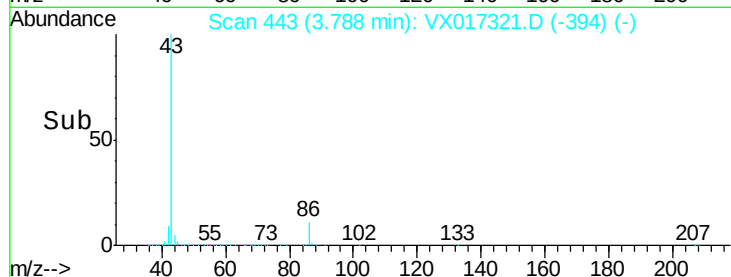
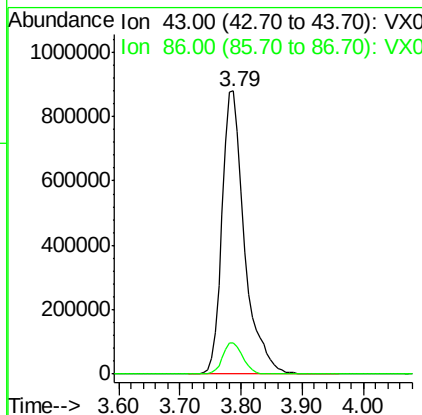
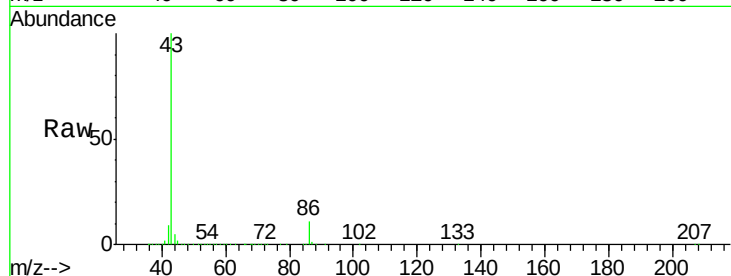
86 10.9 8.6 13.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 51.924 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

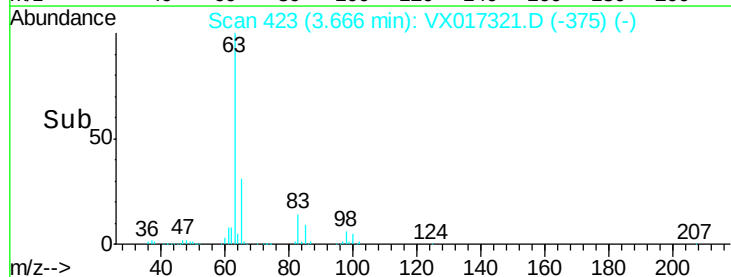
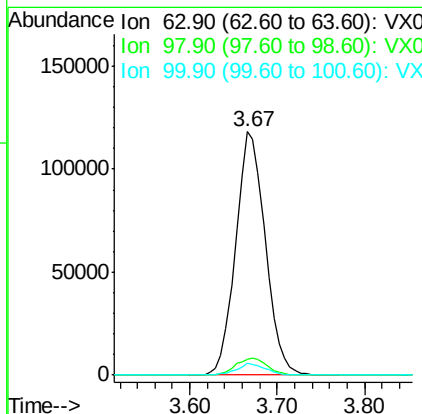
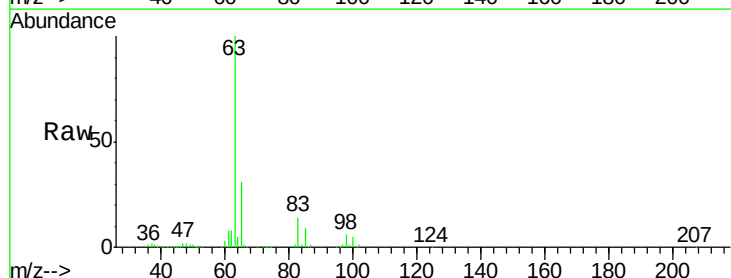
Tgt Ion: 63 Resp: 278581

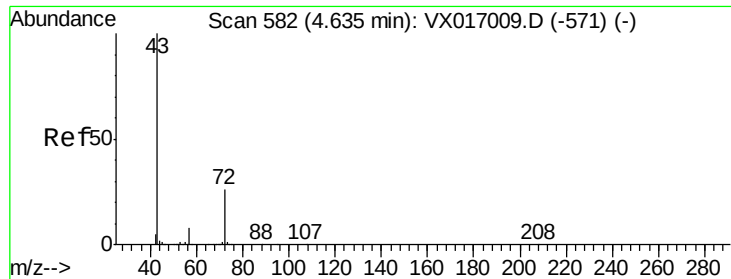
Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 284.235 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 608589

Ion Ratio Lower Upper

43 100

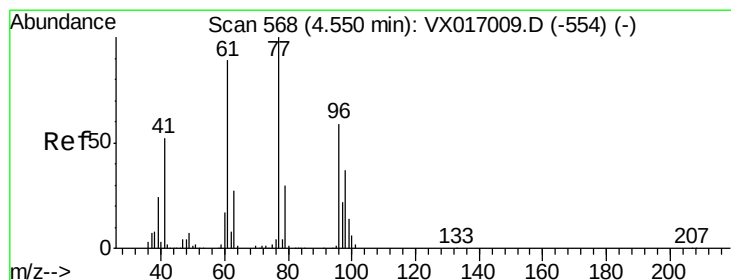
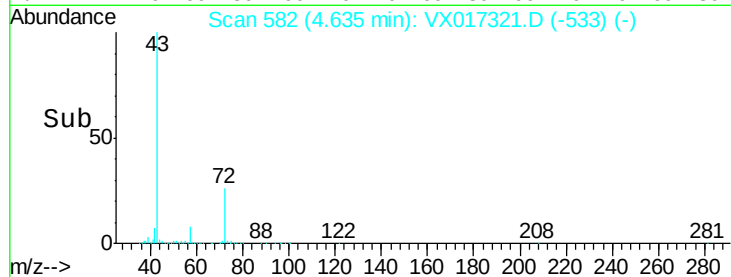
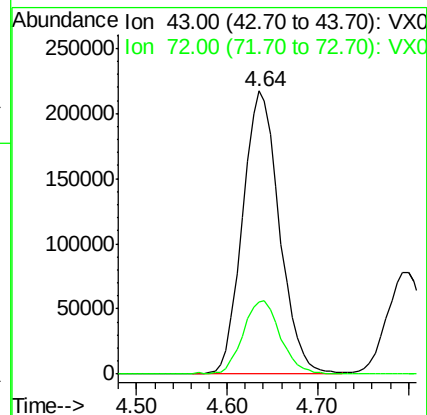
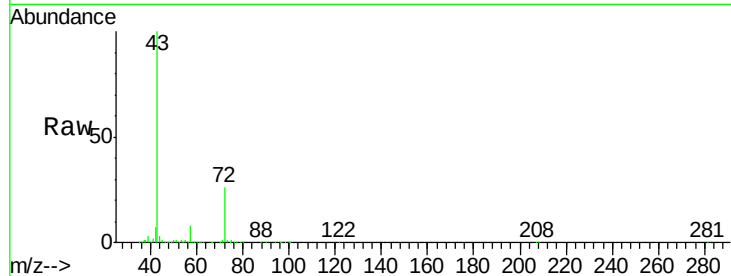
72 25.5 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:37:10 PM



#26

2,2-Dichloropropane

Concen: 49.638 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017321.D

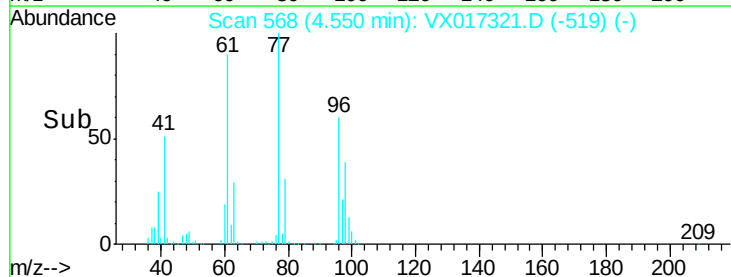
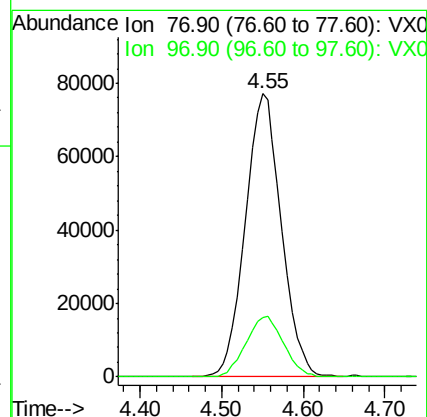
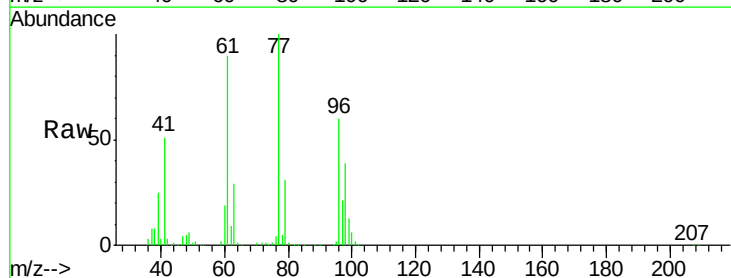
Acq: 09 Jul 2020 20:21

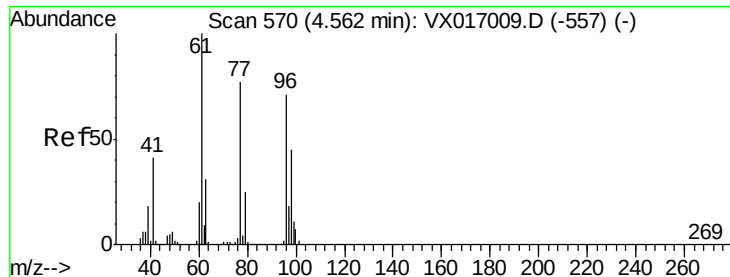
Tgt Ion: 77 Resp: 236467

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

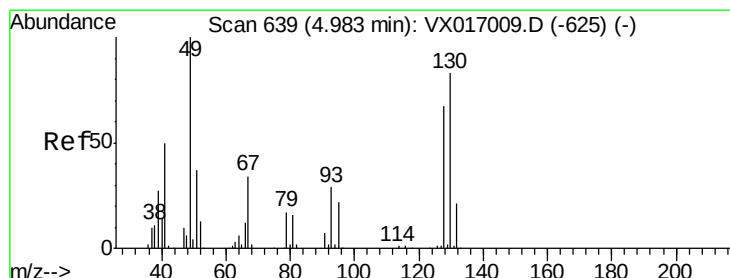
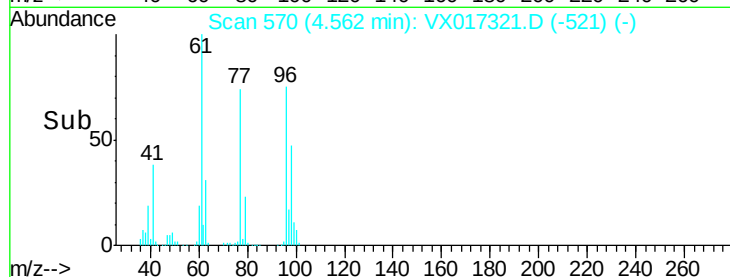
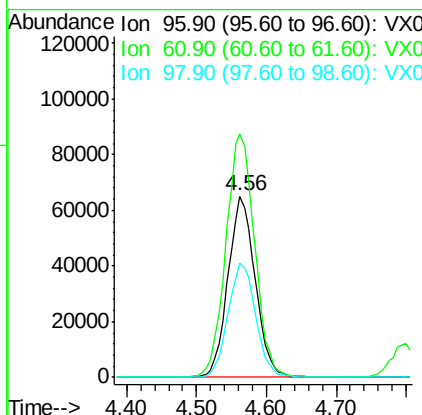
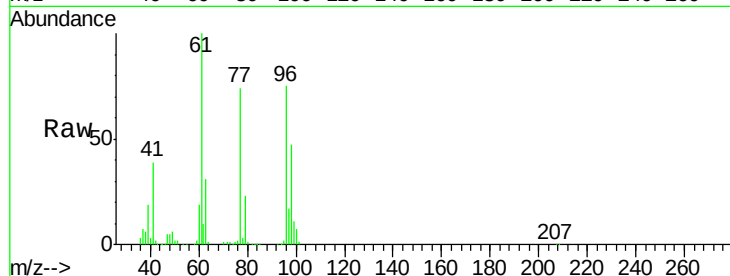
cis-1,2-Dichloroethene
Concen: 50.642 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.8
98	64.2	0.0	127.6

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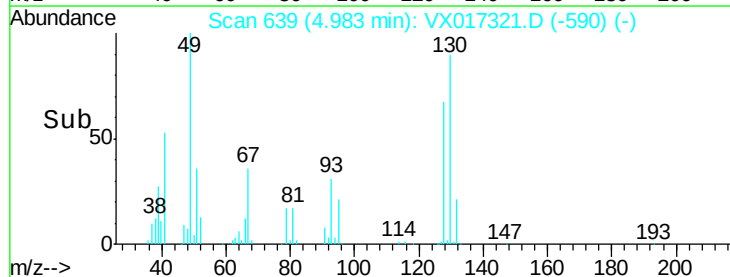
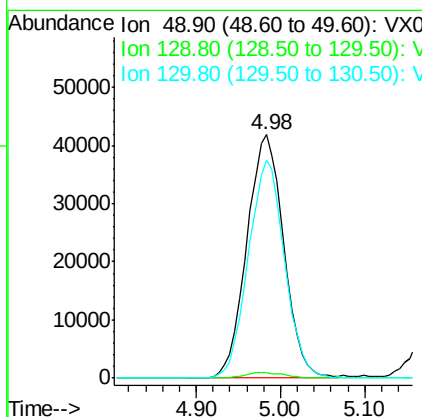
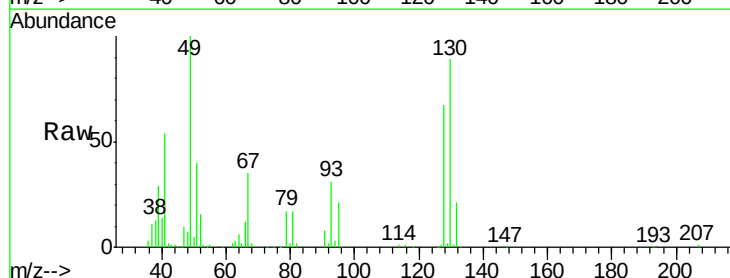
MMDadoda
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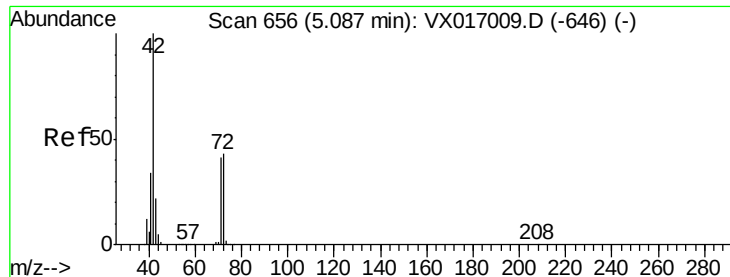


#28

Bromochloromethane
Concen: 47.841 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.8	66.6	100.0





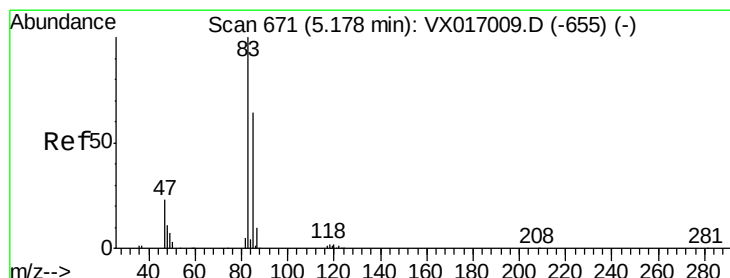
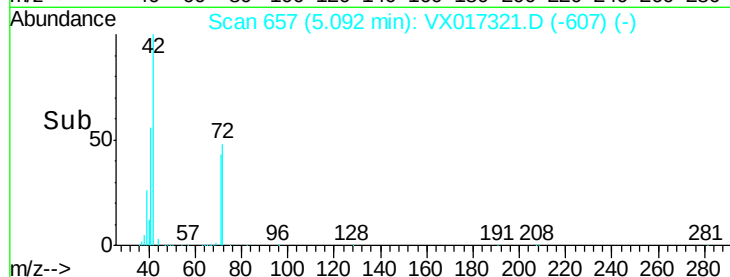
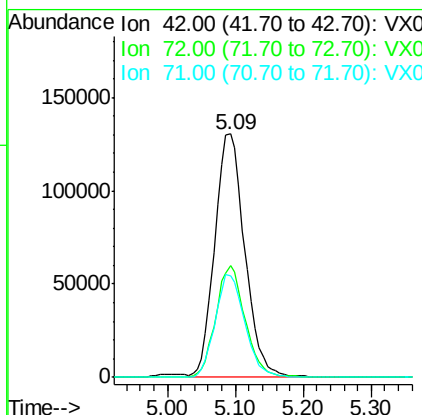
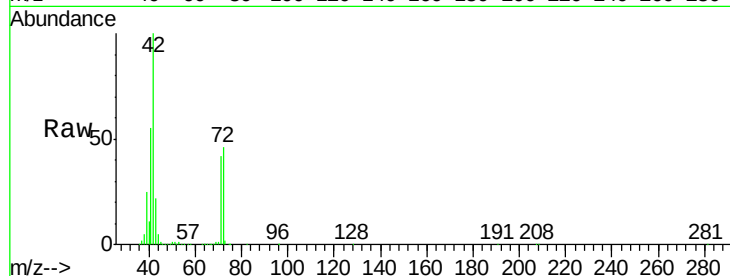
#29
Tetrahydrofuran
Concen: 281.159 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.3	52.9
71	41.8	33.1	49.7

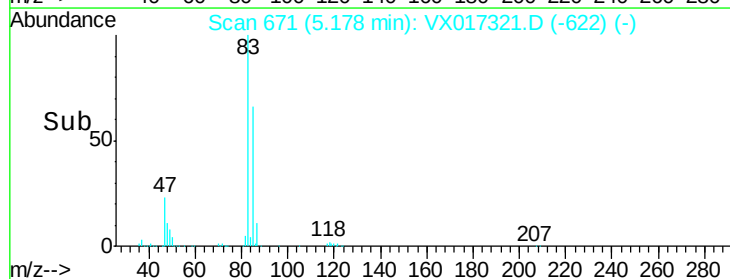
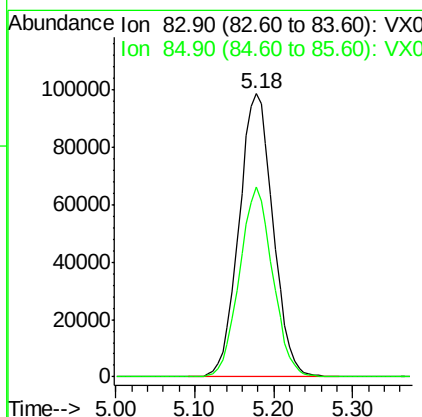
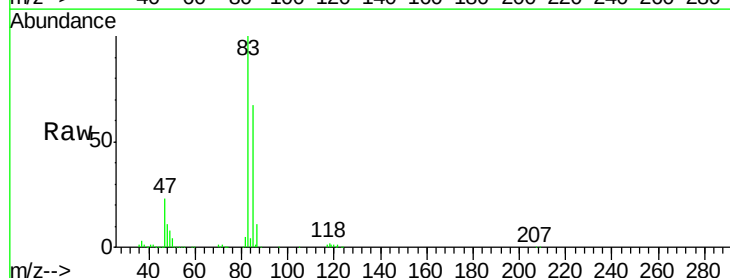
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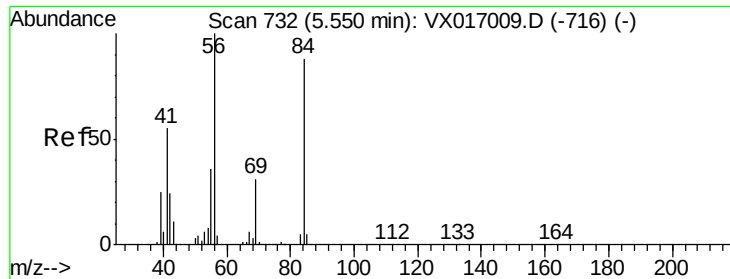
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#30
Chloroform
Concen: 53.735 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.4	77.2





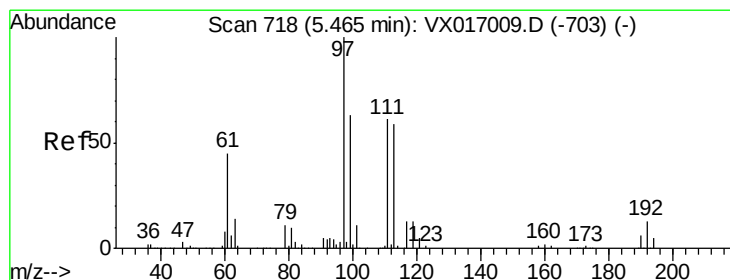
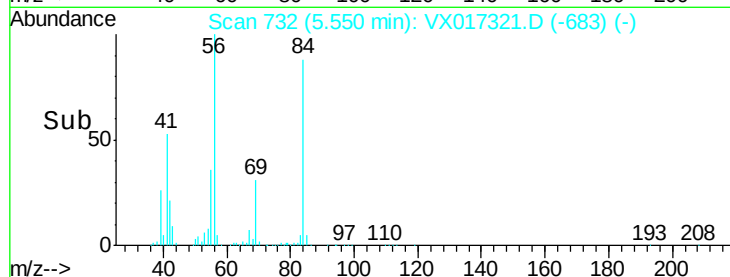
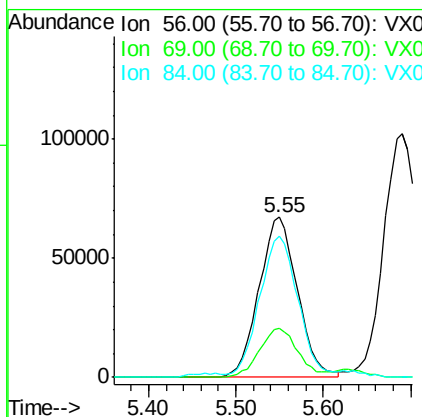
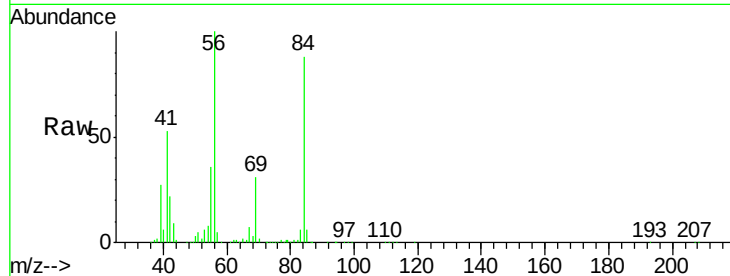
#31
Cyclohexane
Concen: 44.309 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.4
84	86.9	69.1	103.7

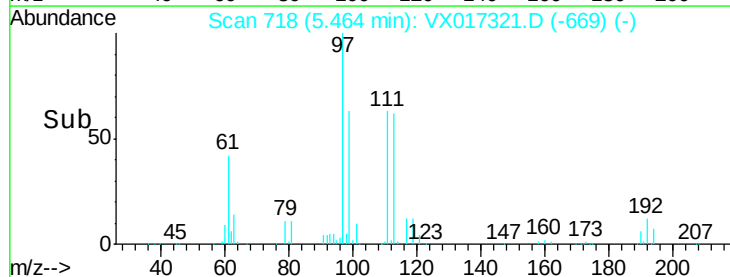
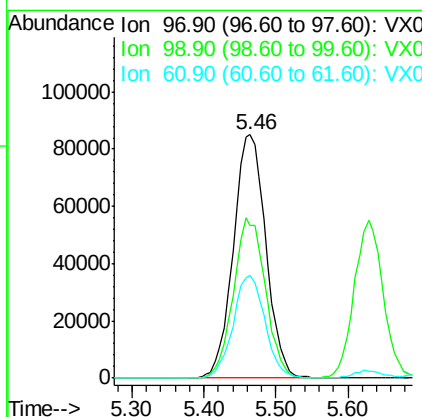
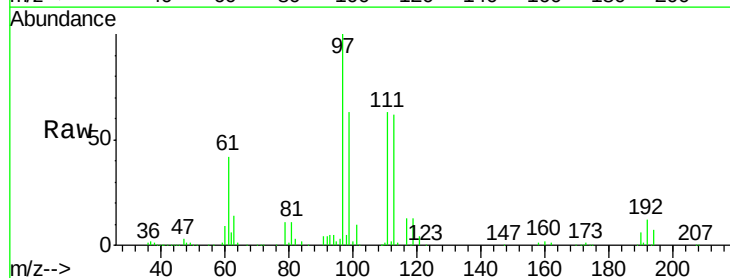
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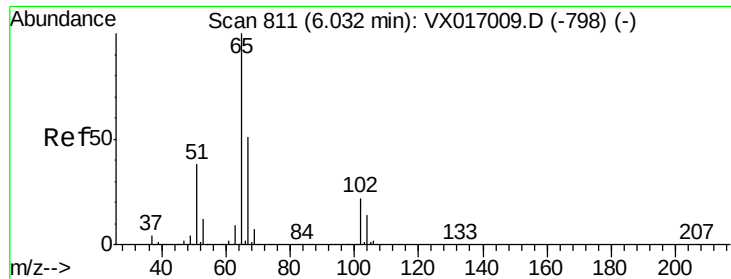
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#32
1,1,1-Trichloroethane
Concen: 52.652 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	41.4	33.7	50.5





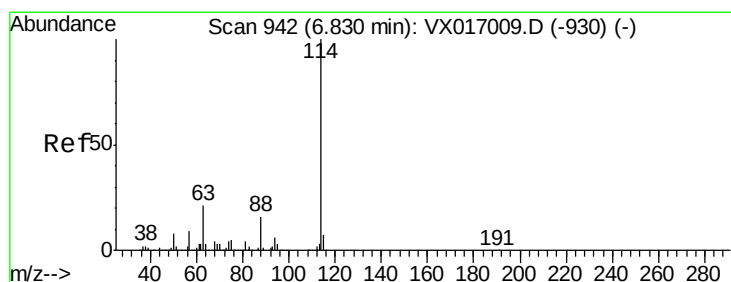
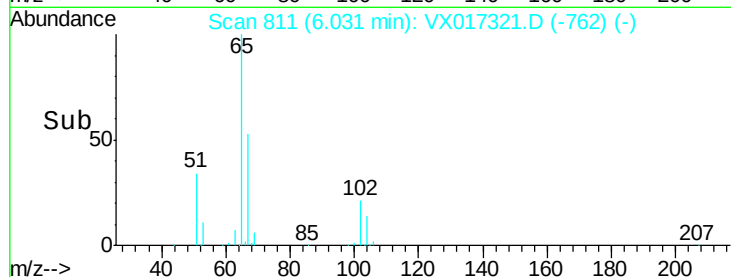
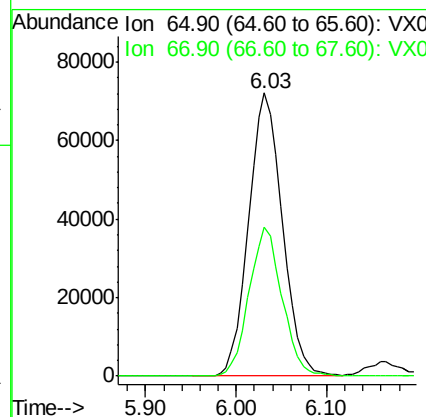
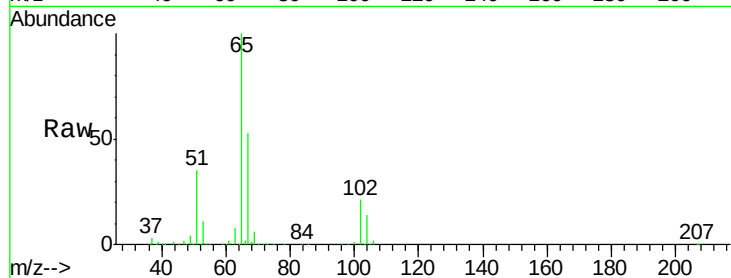
#33
 1,2-Dichloroethane-d4
 Concen: 54.146 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185990		
67	51.4	0.0	103.8	

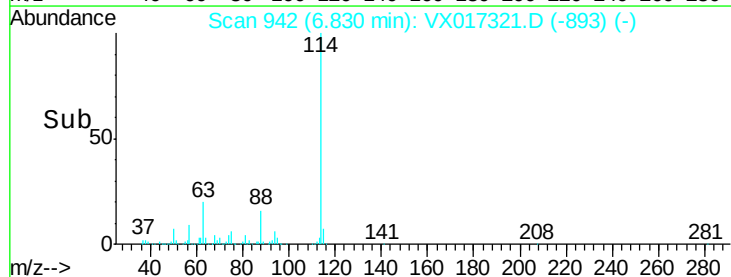
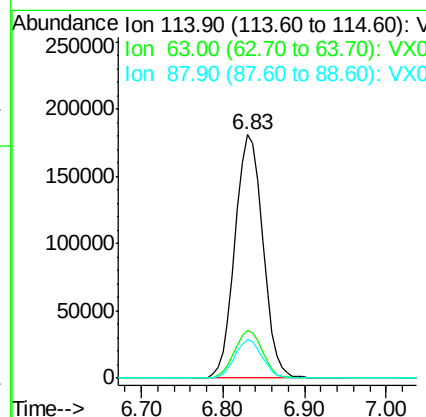
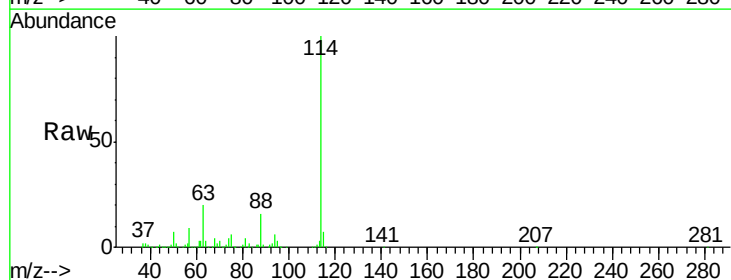
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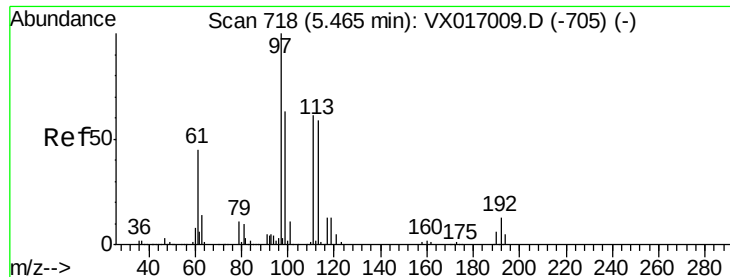
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	428762		
63	19.6	0.0	41.4	
88	15.7	0.0	32.4	





#35

Dibromofluoromethane

Concen: 56.204 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

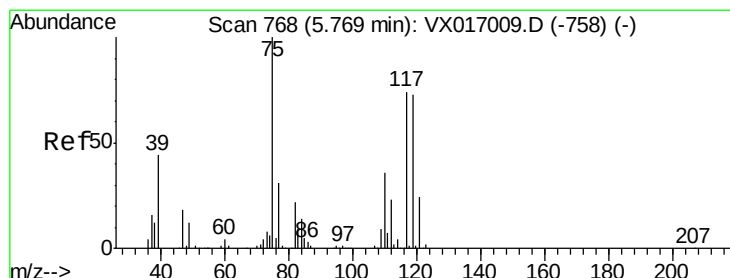
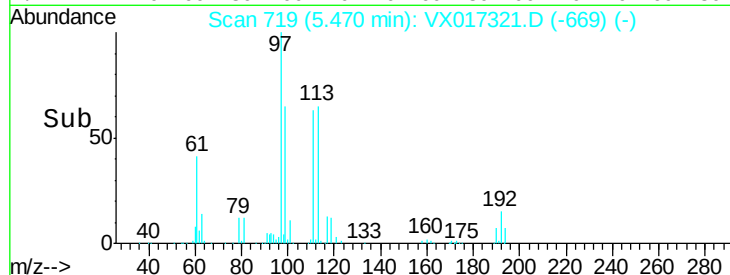
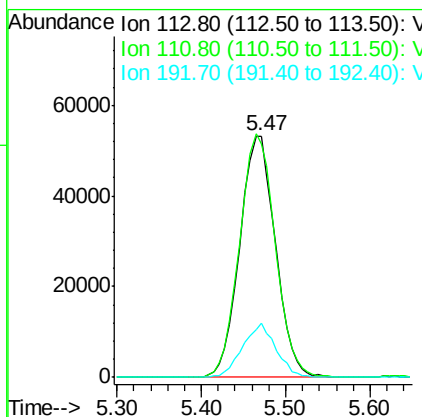
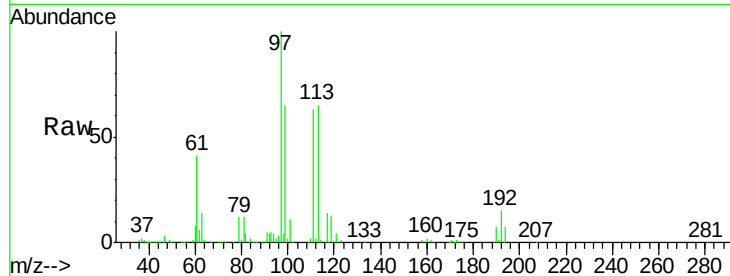
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	152438
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.9	122.9
192	21.0	16.7	25.1

Manual Integrations
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7/10/2020 12:37:10 PM



#36

1,1-Dichloropropene

Concen: 49.704 ug/l

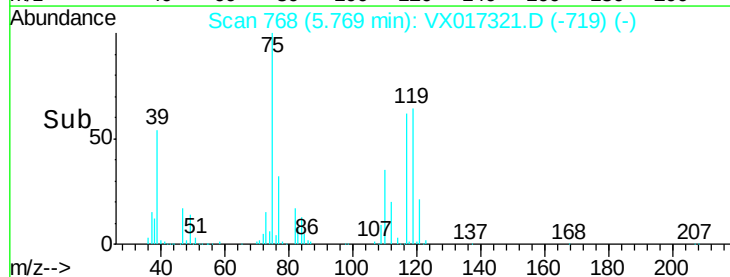
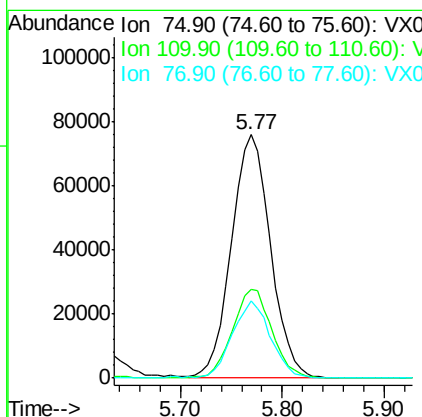
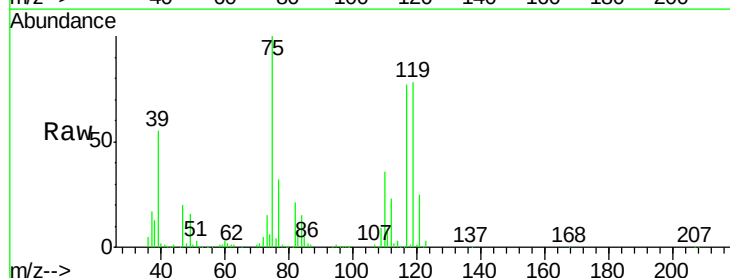
RT: 5.77 min Scan# 768

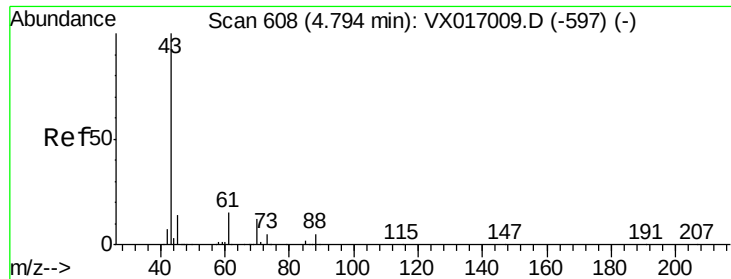
Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	75	Resp:	201415
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	31.2	24.6	37.0





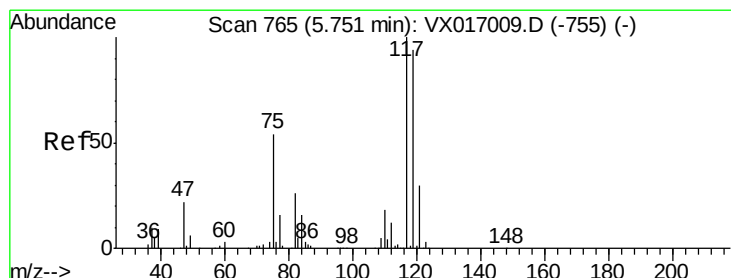
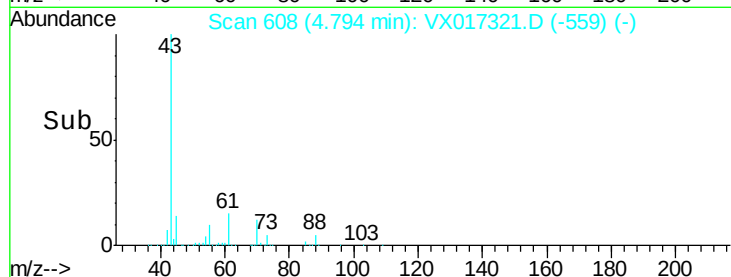
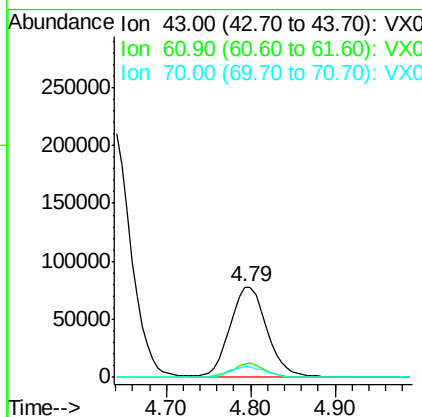
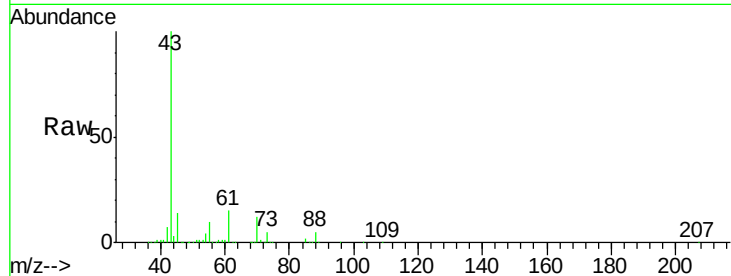
#37
Ethyl Acetate
Concen: 56.415 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.4	8.9	13.3

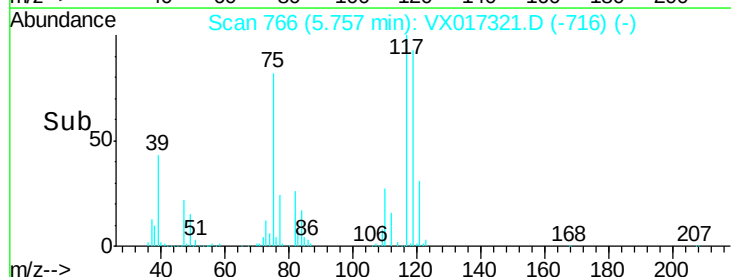
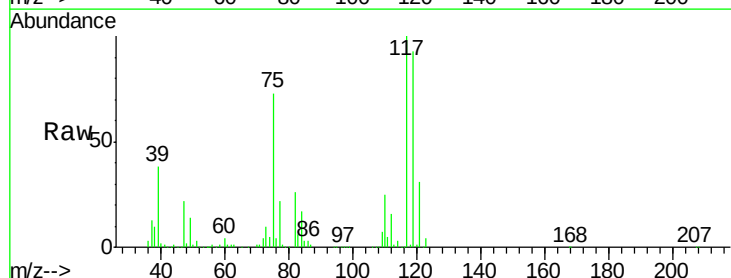
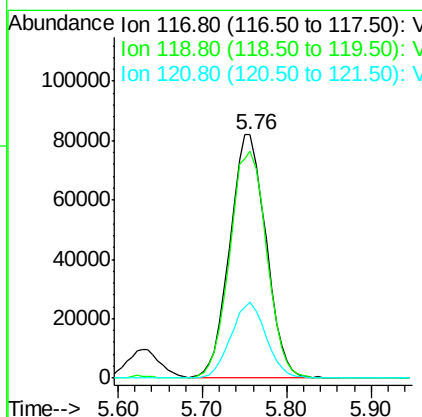
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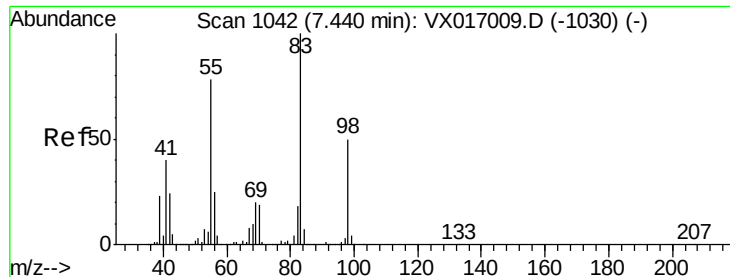
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#38
Carbon Tetrachloride
Concen: 53.739 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.4	113.0
121	31.3	23.8	35.6





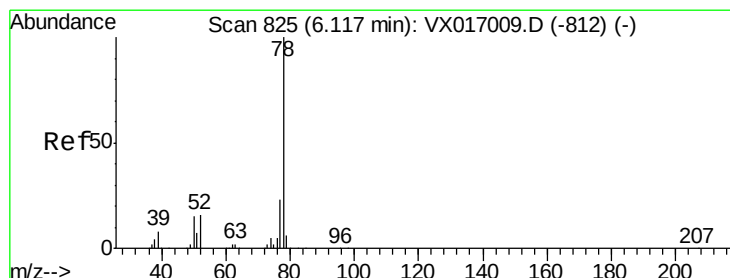
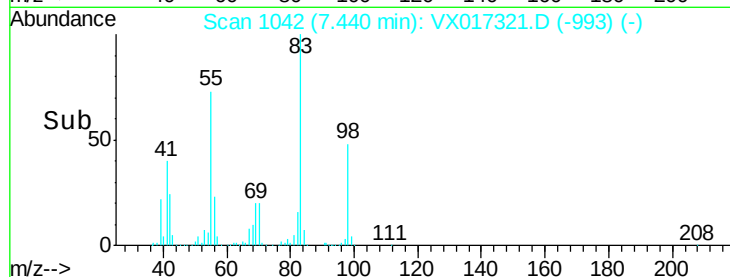
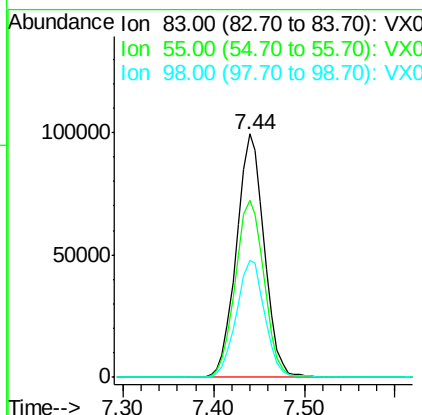
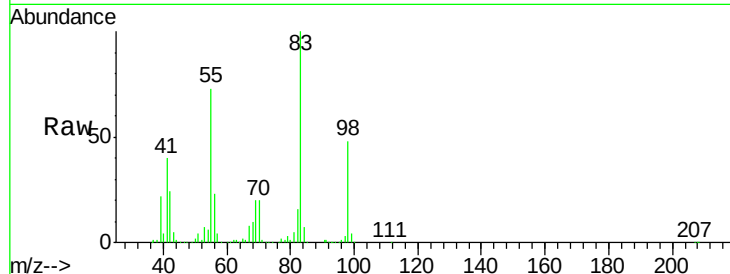
#39
Methylvlcyclohexane
Concen: 46.819 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	211094		
55	72.7	62.5	93.7	
98	47.8	40.1	60.1	

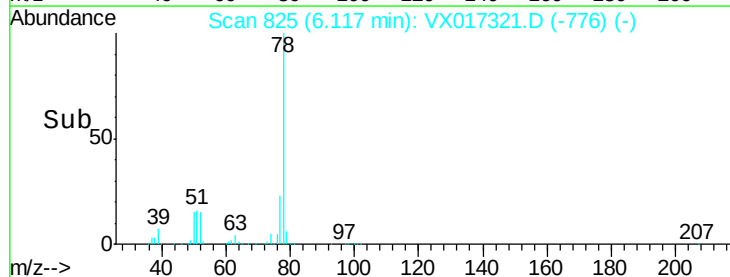
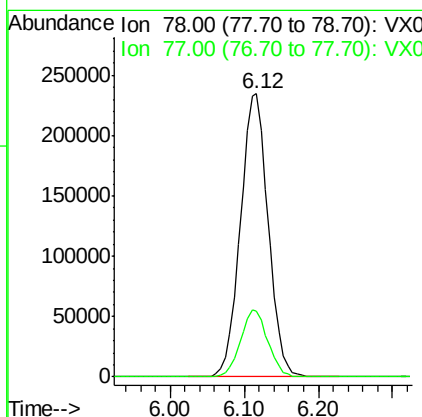
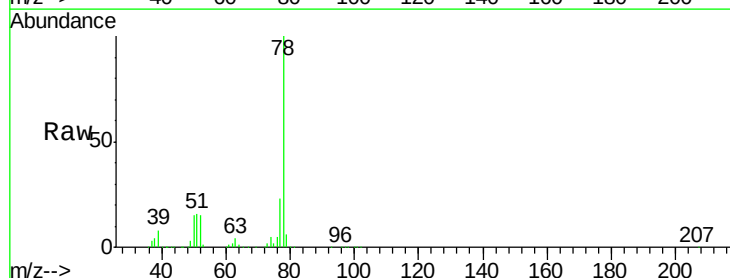
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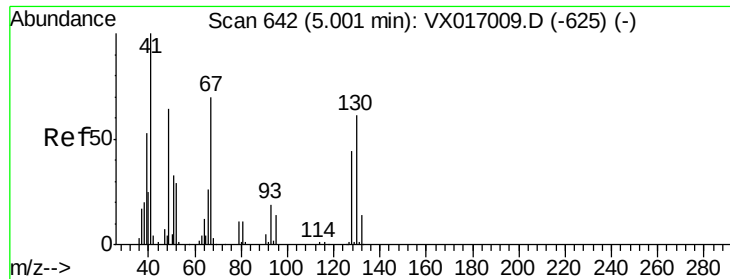
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#40
Benzene
Concen: 51.441 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	612472		
77	23.1	18.3	27.5	





#41

Methacrylonitrile

Concen: 57.284 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

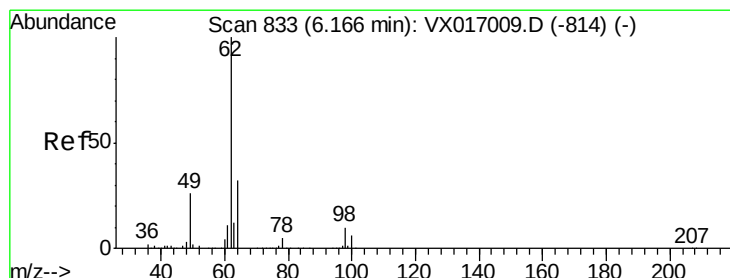
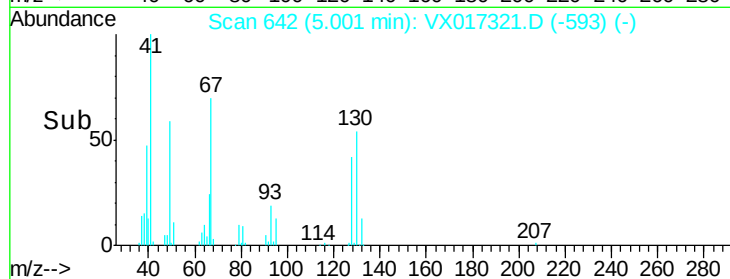
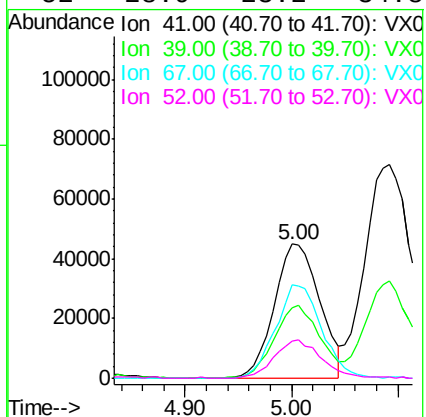
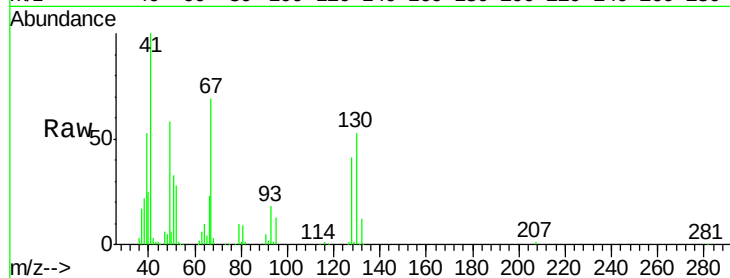
VSTDCCC050EC

Tot Ion: 41 Resp: 132560

Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.4	66.6
67	70.5	57.1	85.7
52	28.9	23.2	34.8

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#42

1,2-Dichloroethane

Concen: 56.031 ug/l

RT: 6.16 min Scan# 832

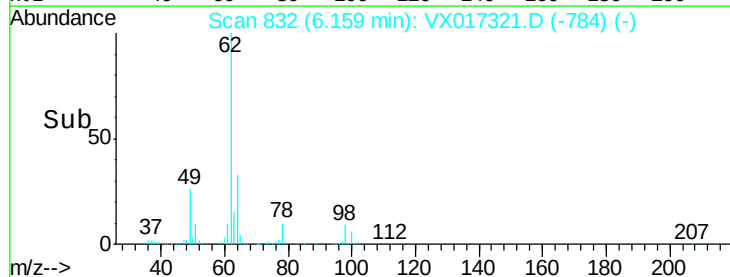
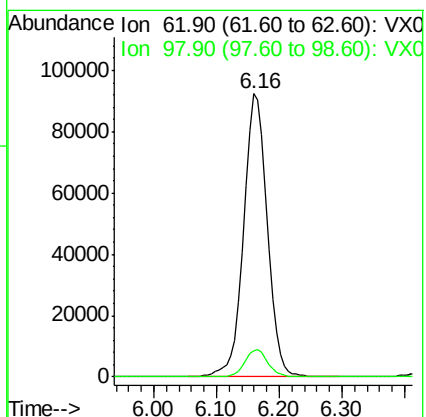
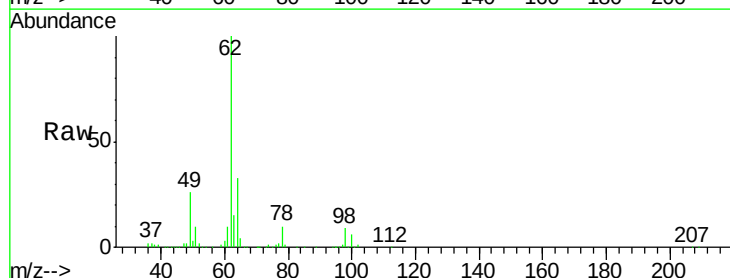
Delta R.T. -0.01 min

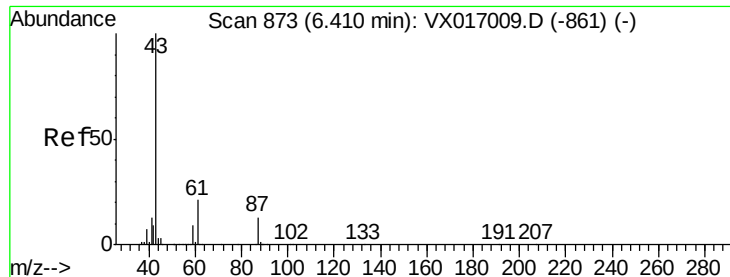
Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion: 62 Resp: 240970

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 55.871 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

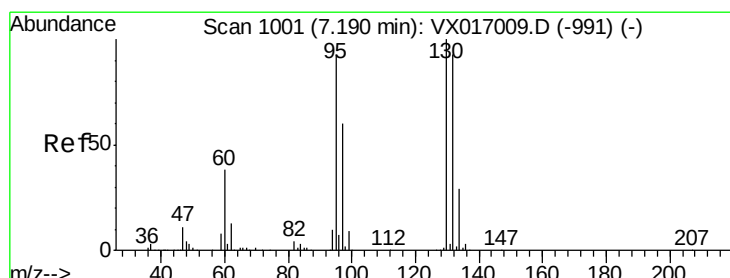
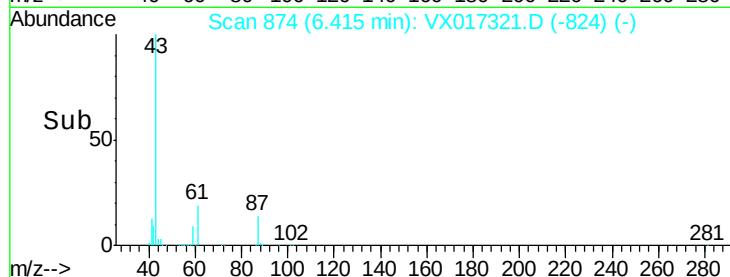
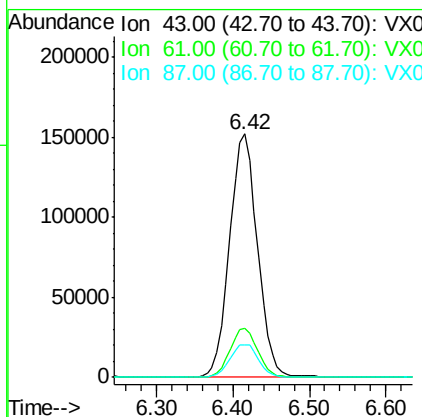
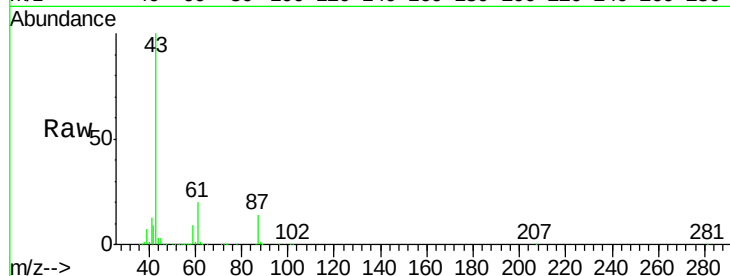
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	381718
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	14.0	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 54.805 ug/l

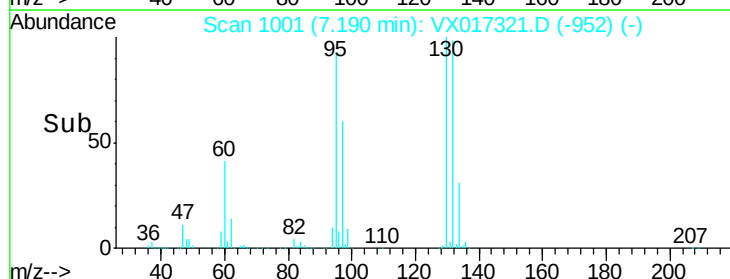
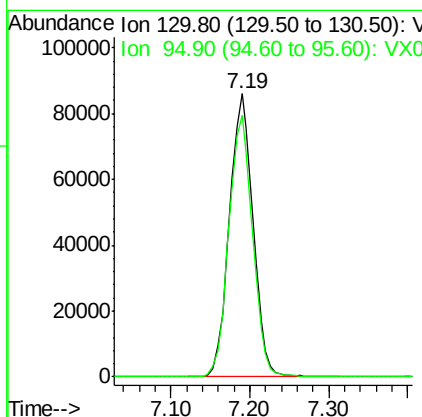
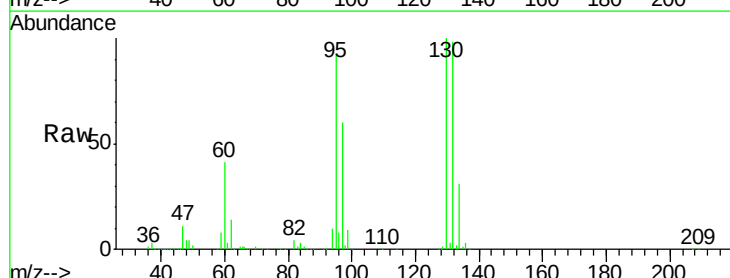
RT: 7.19 min Scan# 1001

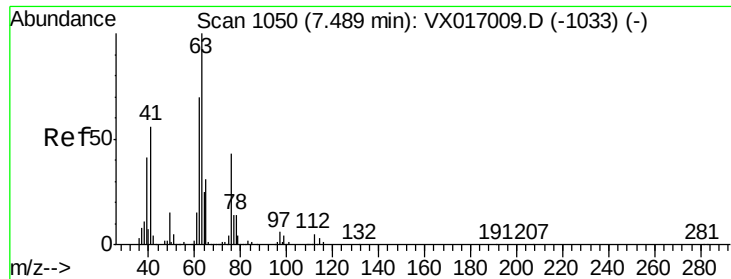
Delta R.T. 0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	130	Resp:	179968
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.0





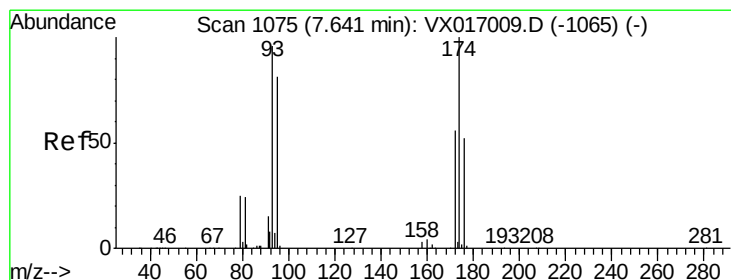
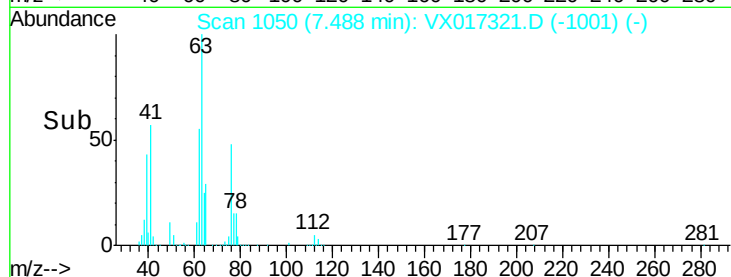
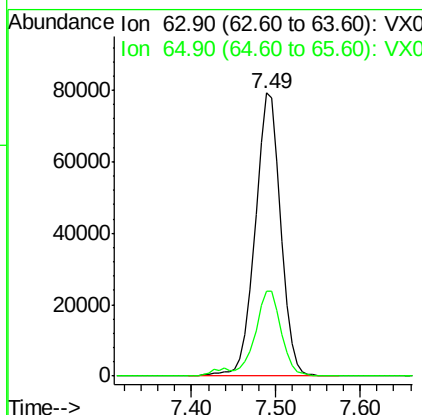
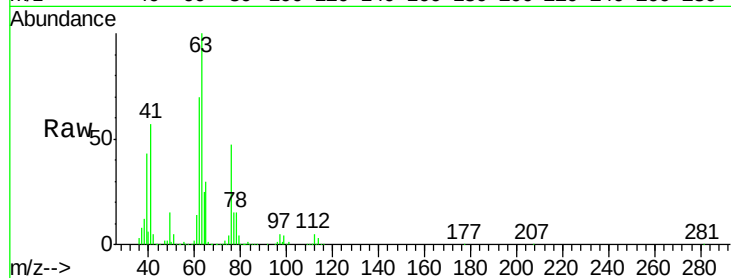
#45
 1,2-Dichloropropane
 Concen: 53.779 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.6	36.8

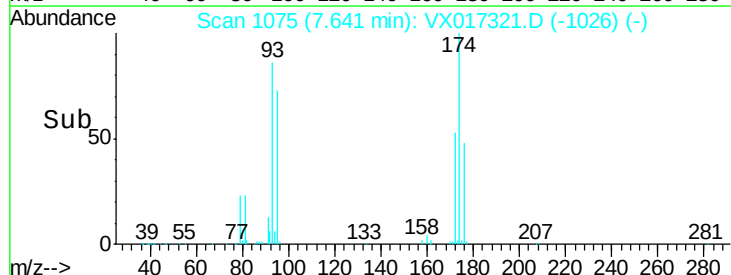
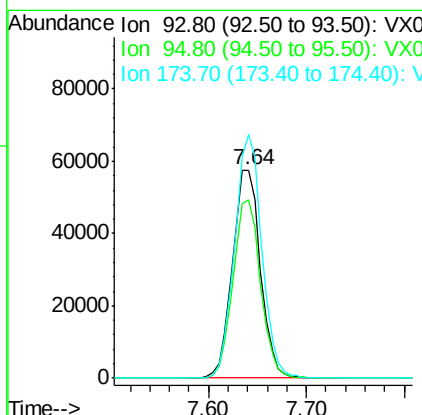
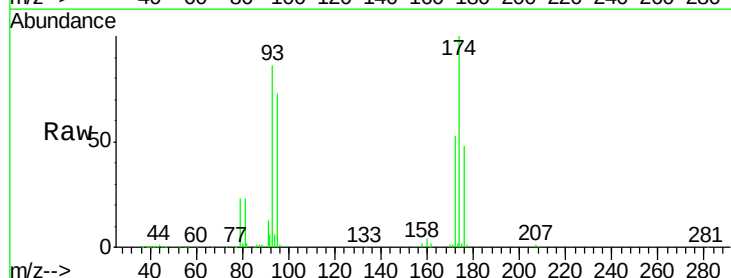
Manual Integrations
 APPROVED

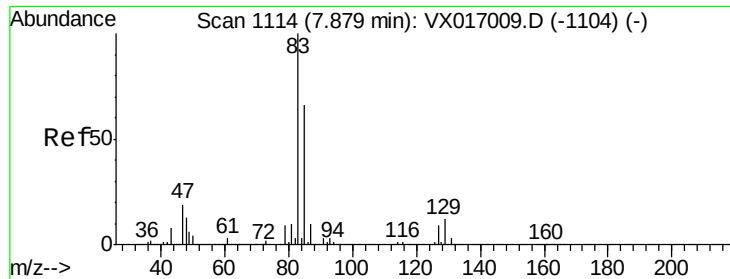
MMDadoda
 7/10/2020 12:37:10 PM



#46
 Dibromomethane
 Concen: 54.627 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.4	101.0
174	113.9	84.3	126.5





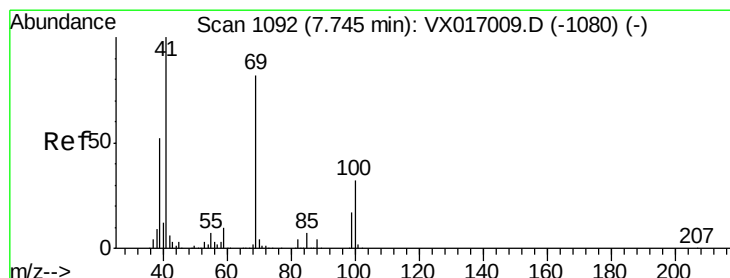
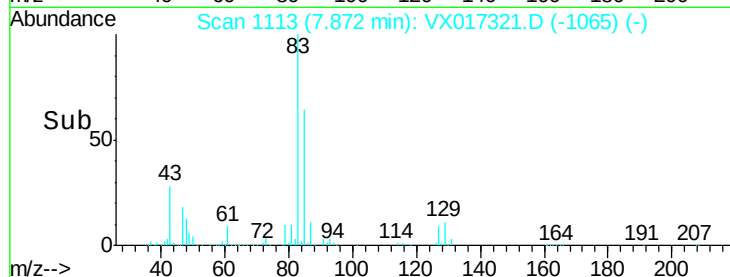
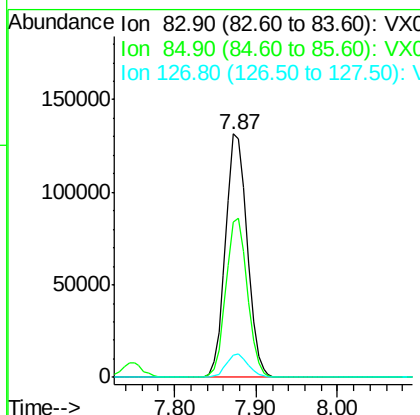
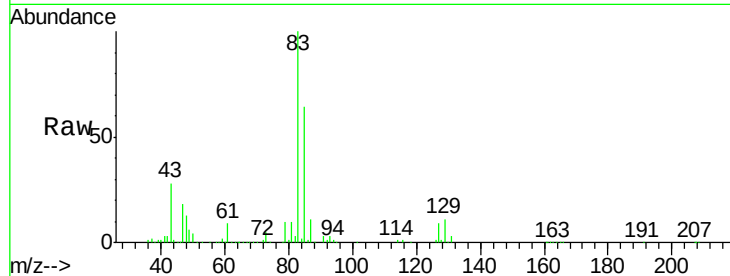
#47
Bromodichloromethane
Concen: 56.087 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	241318		
85	63.5	53.0	79.4	
127	9.1	7.5	11.3	

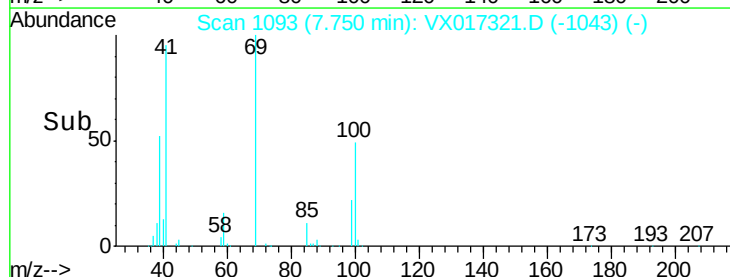
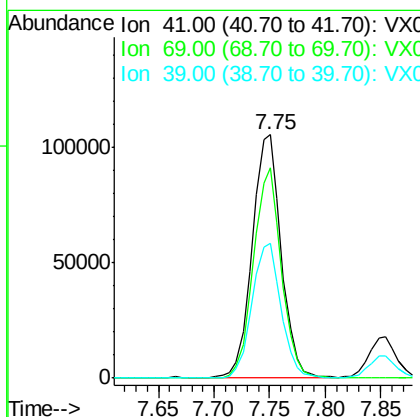
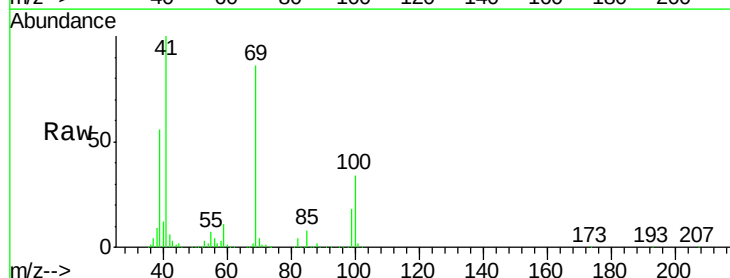
Manual Integrations
APPROVED

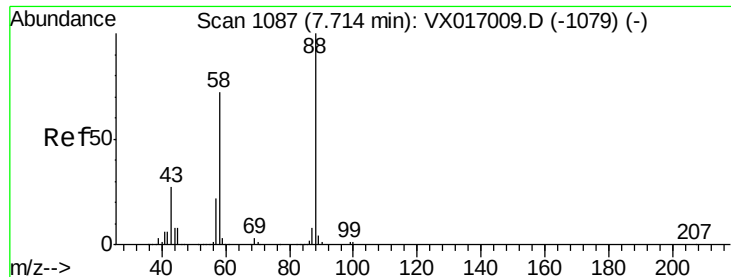
MMDadoda
7/10/2020 12:37:10 PM



#48
Methyl methacrylate
Concen: 58.787 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	190819		
69	83.6	65.8	98.8	
39	55.7	42.5	63.7	





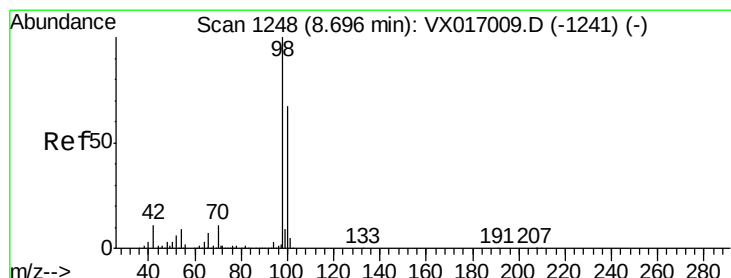
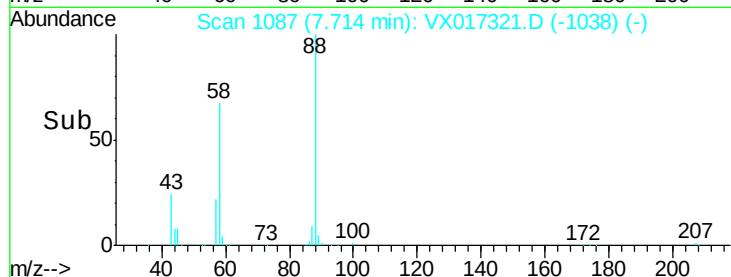
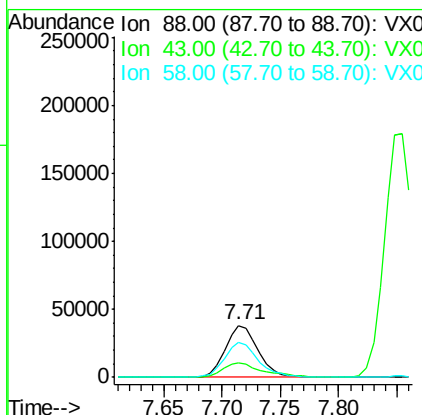
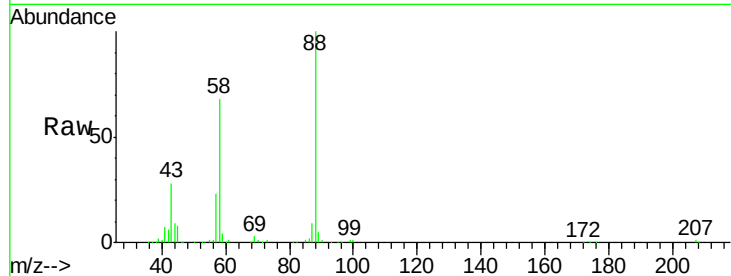
#49
1,4-Dioxane
Concen: 1004.113 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.8
58	71.0	54.8	82.2

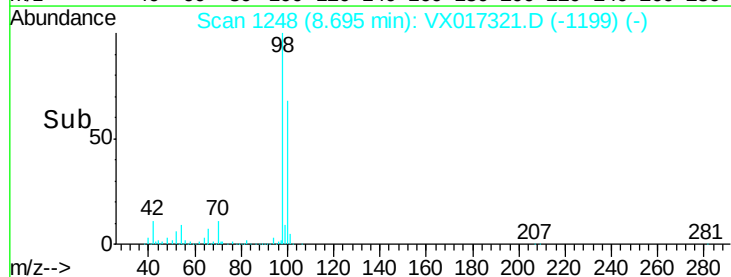
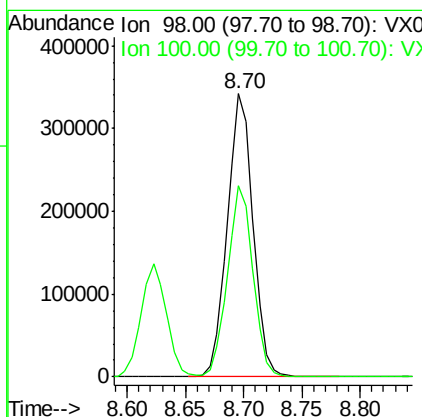
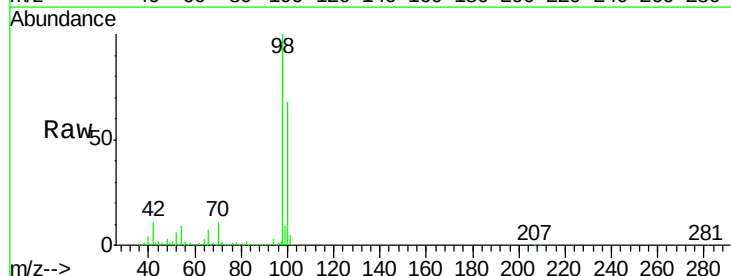
Manual Integrations
APPROVED

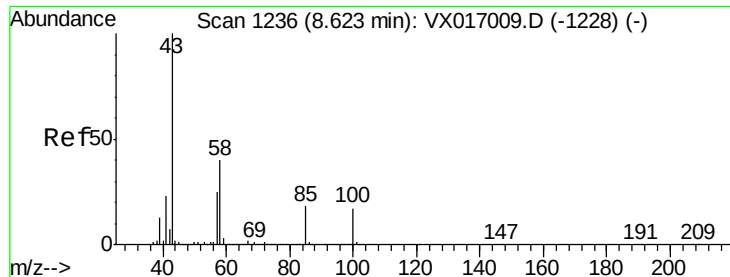
MMDadoda
7/10/2020 12:37:10 PM



#50
Toluene-d8
Concen: 52.403 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





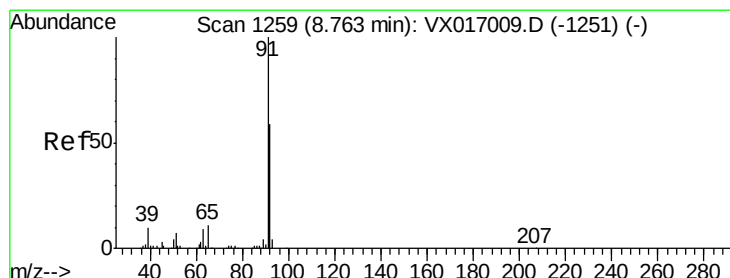
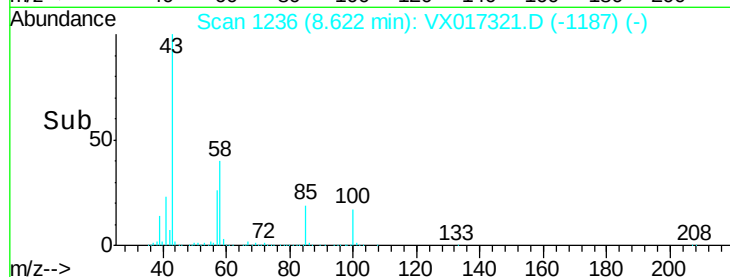
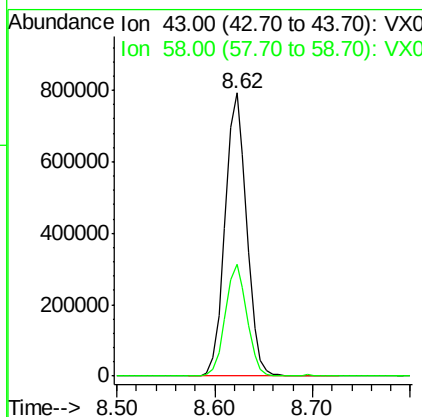
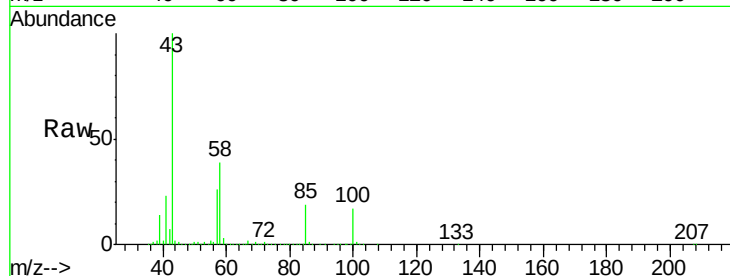
#51
4-Methyl-2-Pentanone
Concen: 298.449 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1215474
Ion Ratio Lower Upper
43 100
58 39.1 31.9 47.9

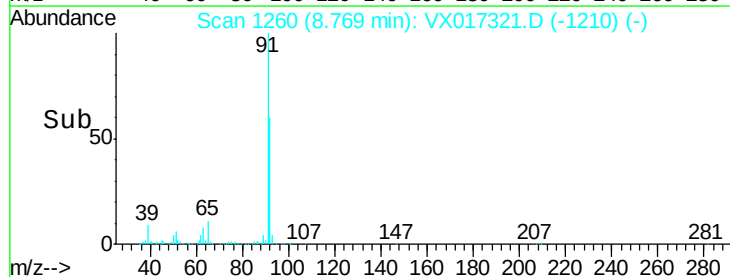
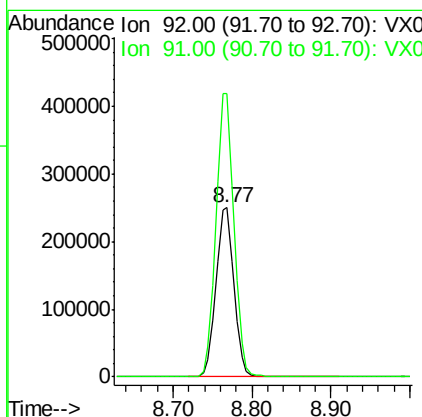
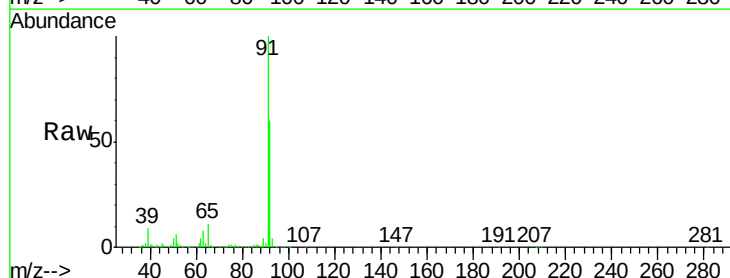
Manual Integrations
APPROVED

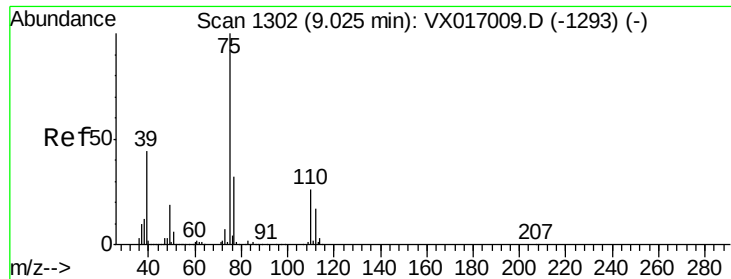
MMDadoda
7/10/2020 12:37:10 PM



#52
Toluene
Concen: 53.262 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion: 92 Resp: 395933
Ion Ratio Lower Upper
92 100
91 168.1 136.9 205.3





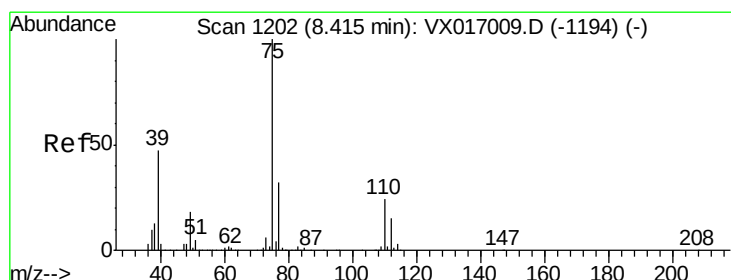
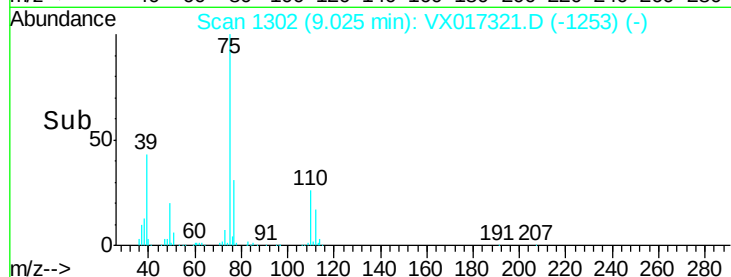
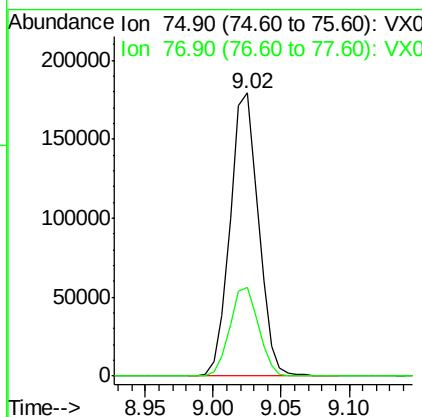
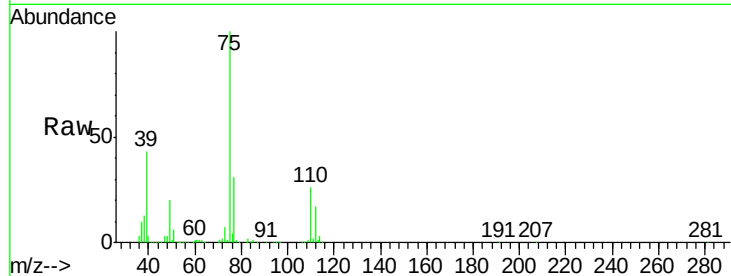
#53
t-1,3-Dichloropropene
Concen: 54.938 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4

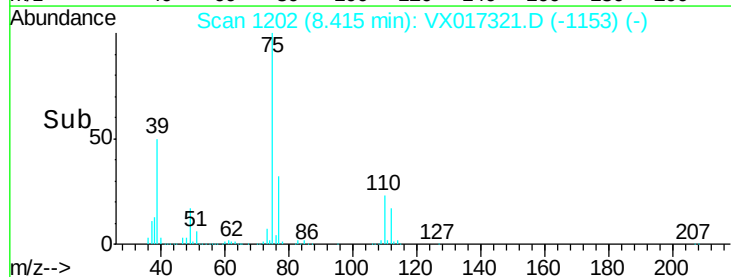
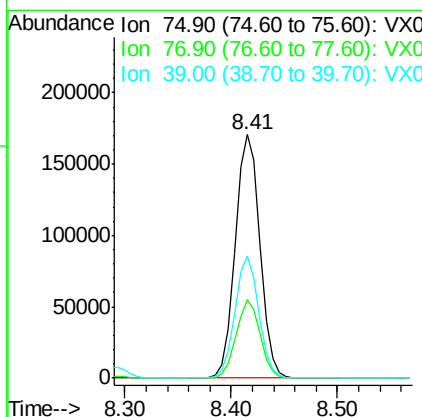
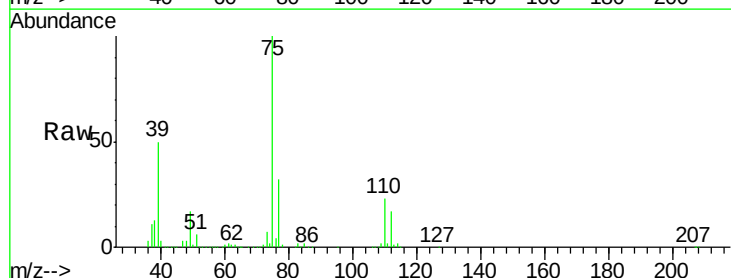
Manual Integrations
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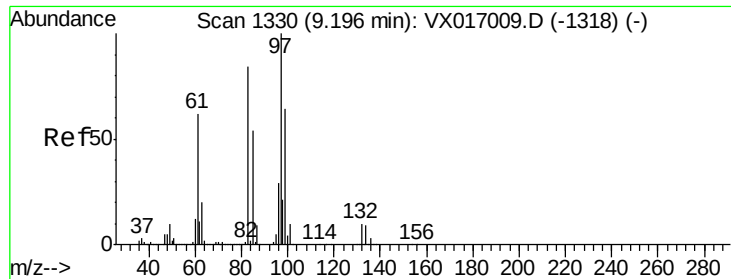
MMDadoda
7/10/2020 12:37:10 PM



#54
cis-1,3-Dichloropropene
Concen: 54.407 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.2	37.8
39	50.3	37.4	56.2





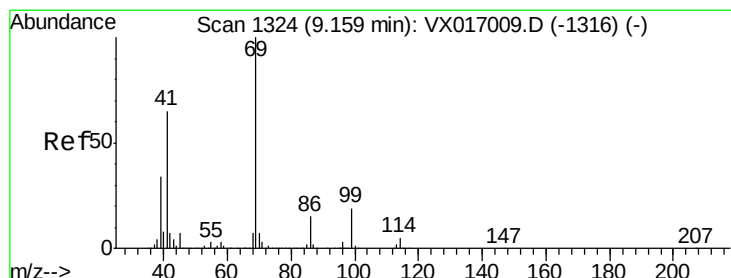
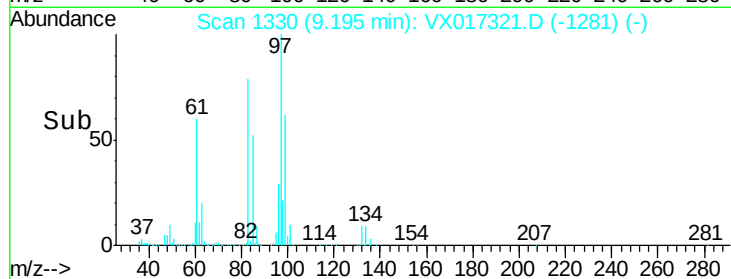
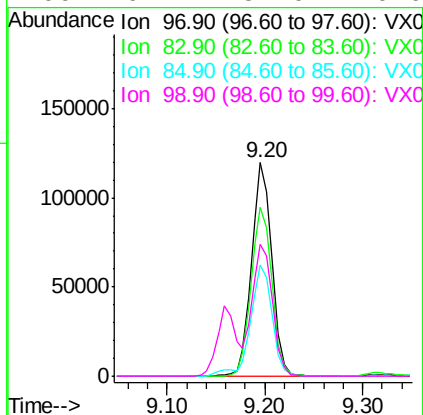
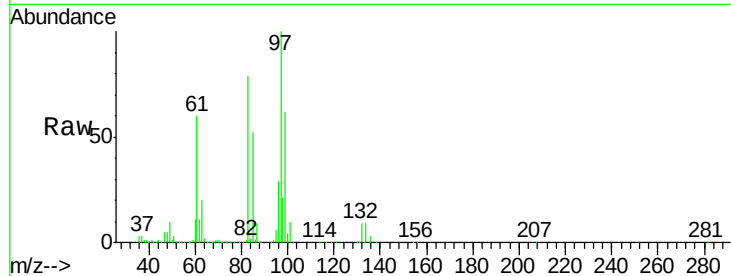
#55
 1,1,2-Trichloroethane
 Concen: 56.383 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		171247		
83	78.9	67.0	100.6		
85	52.1	43.5	65.3		
99	61.7	51.0	76.6		

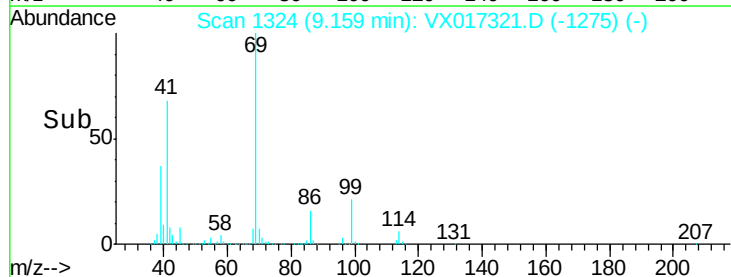
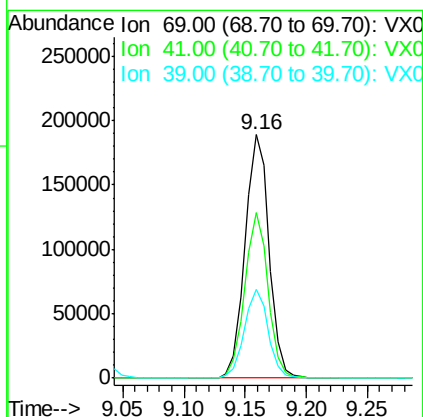
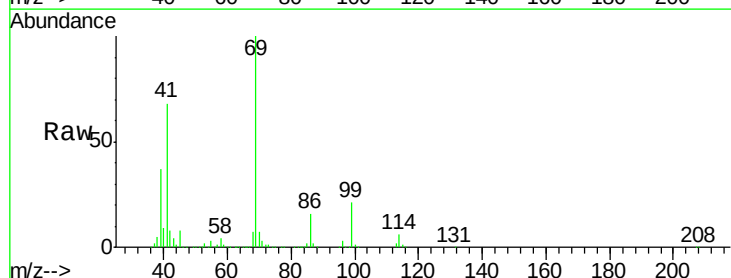
Manual Integrations
 APPROVED

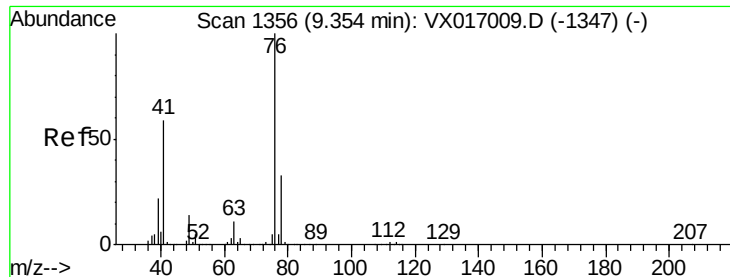
MMDadoda
 7/10/2020 12:37:10 PM



#56
 Ethyl methacrylate
 Concen: 59.556 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		257458		
41	65.9	53.6	80.4		
39	36.0	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 54.096 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 278013

Ion Ratio Lower Upper

76 100

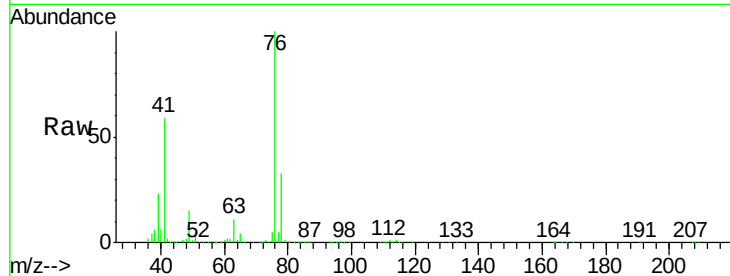
78 32.7 25.9 38.9

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

9.35

200000

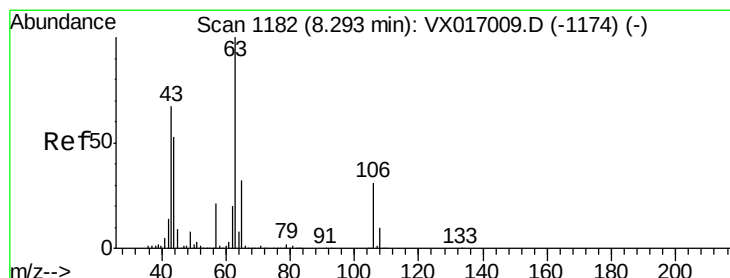
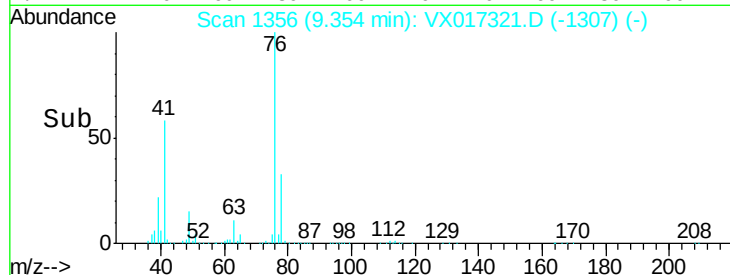
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.456 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017321.D

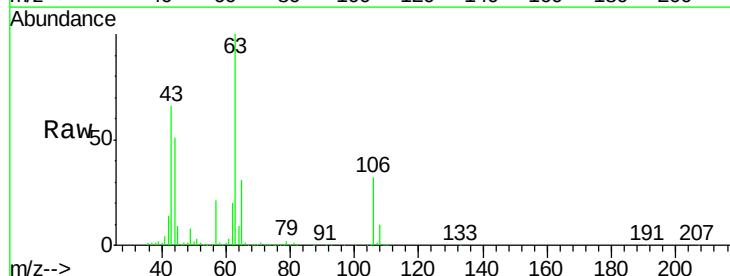
Acq: 09 Jul 2020 20:21

Tgt Ion: 63 Resp: 590485

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

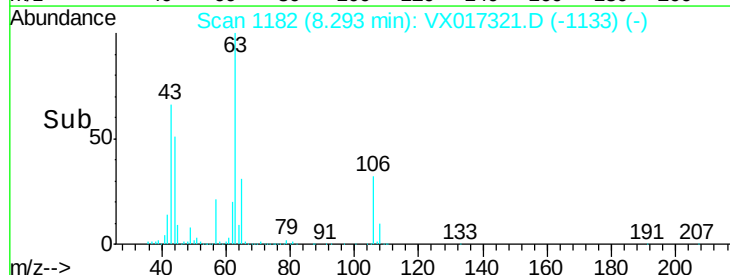
300000

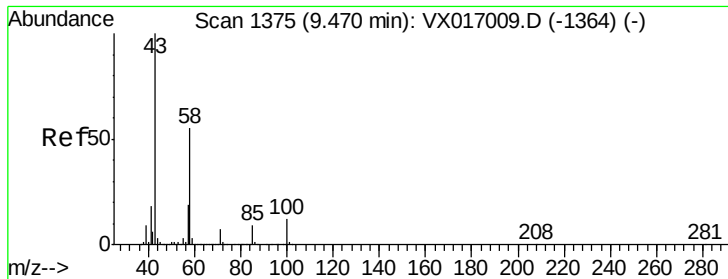
200000

100000

0

Time-->





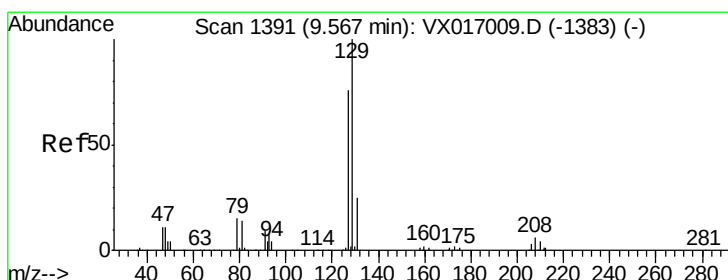
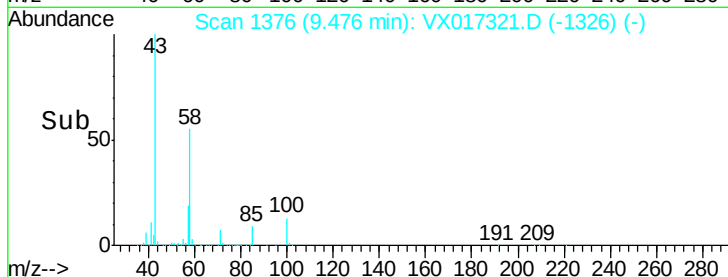
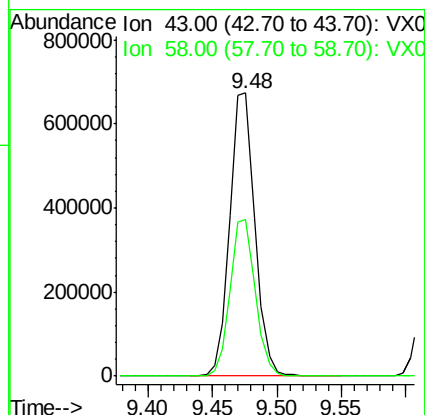
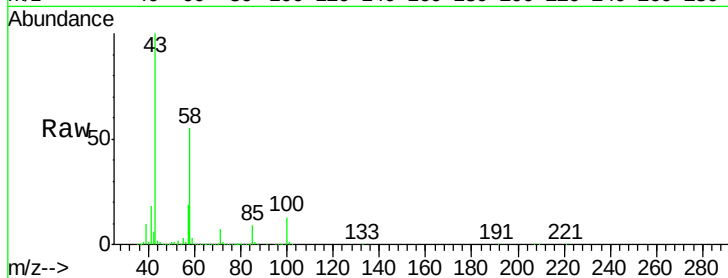
#59
2-Hexanone
Concen: 311.854 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.9	83.6

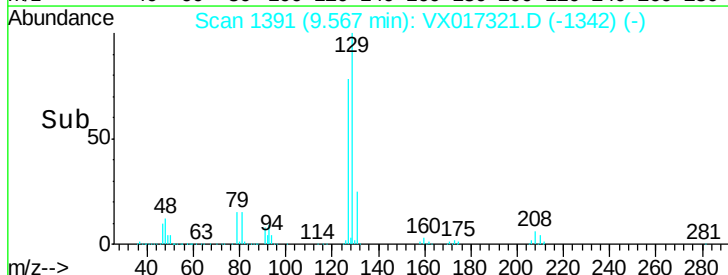
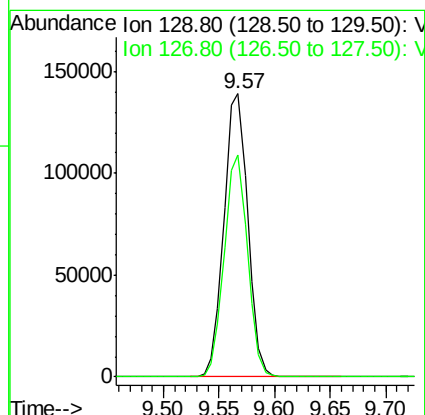
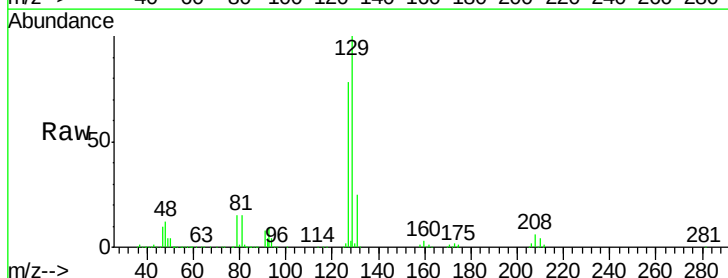
Manual Integrations
APPROVED

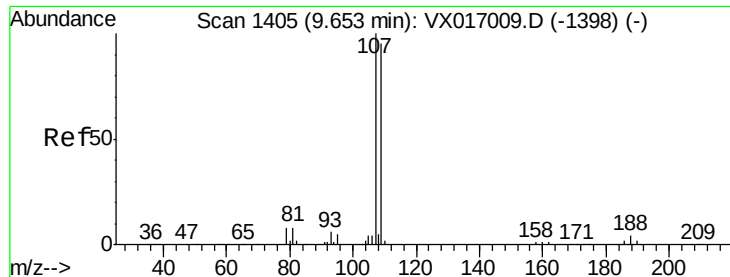
MMDadoda
7/10/2020 12:37:10 PM



#60
Dibromochloromethane
Concen: 58.566 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.9	116.7





#61

1,2-Dibromoethane

Concen: 56.013 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 182864

Ion Ratio Lower Upper

107 100

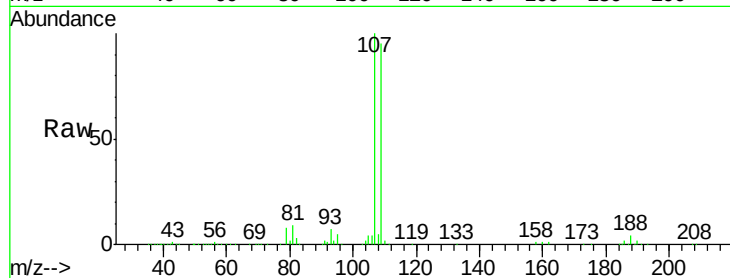
109 95.1 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

150000 Ion 108.80 (108.50 to 109.50): V

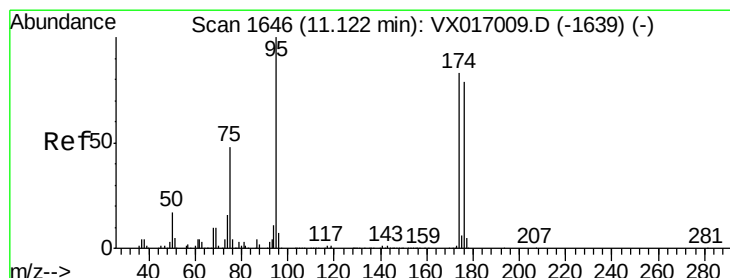
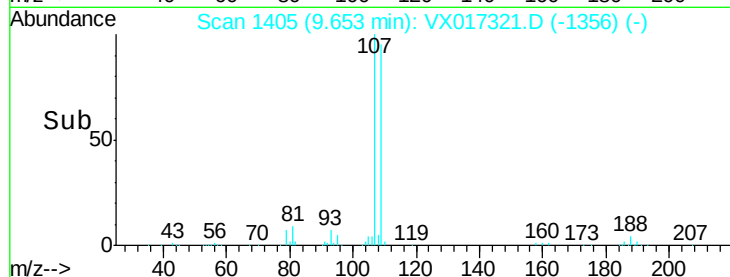
9.65

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.993 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

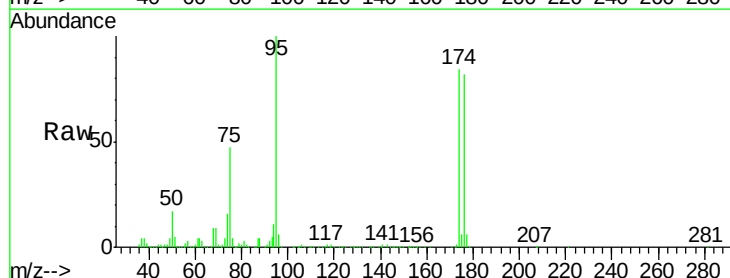
Tgt Ion: 95 Resp: 219522

Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.0

176 81.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

250000 Ion 173.80 (173.50 to 174.50): V

200000 Ion 175.80 (175.50 to 176.50): V

11.12

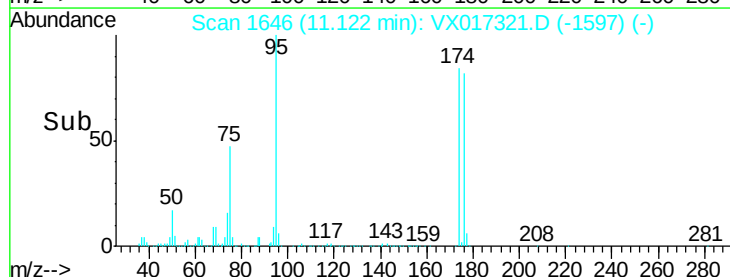
150000

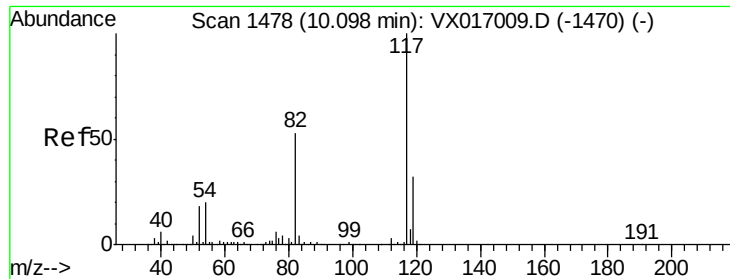
100000

50000

0

Time-->





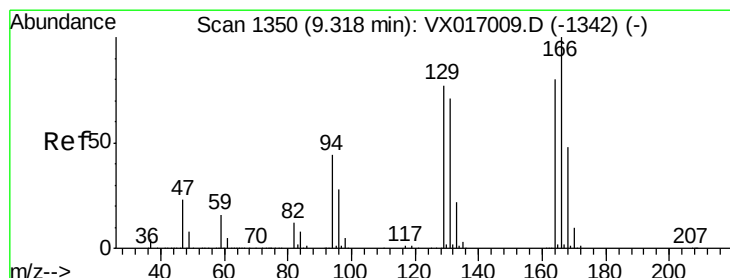
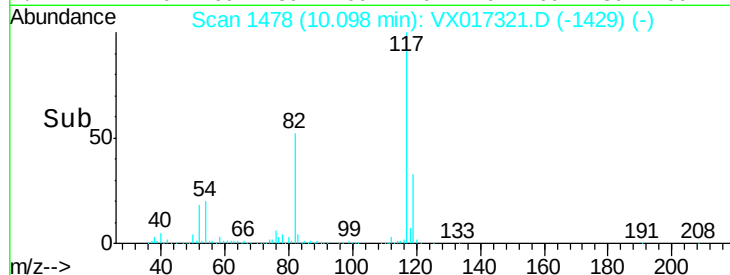
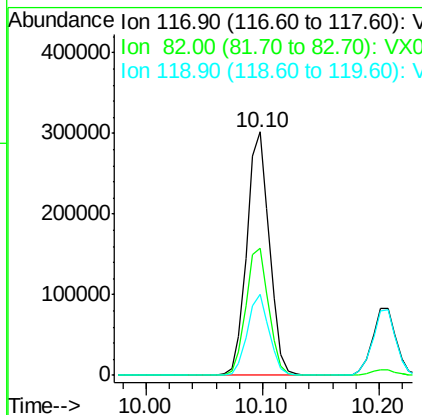
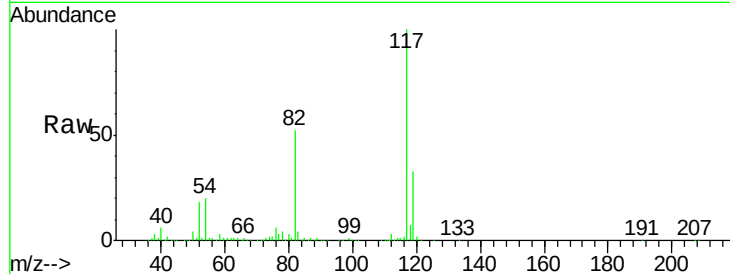
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.6	63.8
119	33.2	25.4	38.2

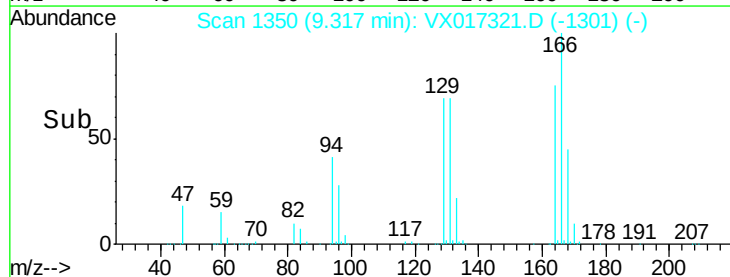
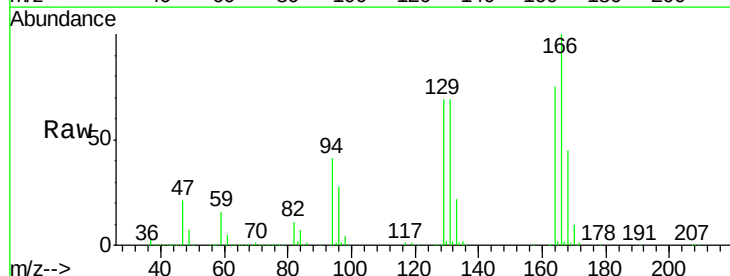
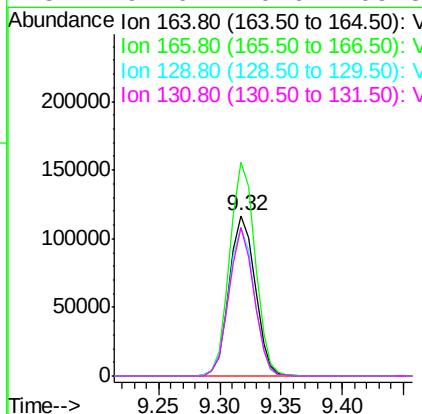
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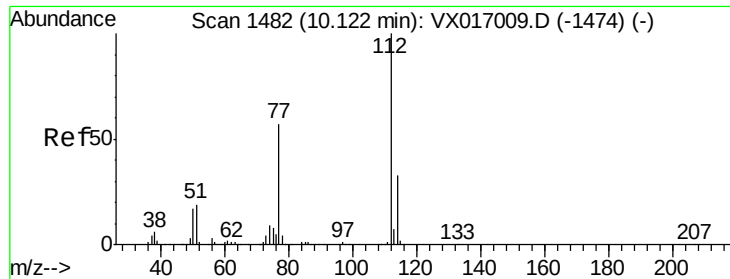
MMDadoda
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#64
Tetrachloroethene
Concen: 51.820 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	99.4	149.0
129	92.5	76.3	114.5
131	92.6	70.6	105.8





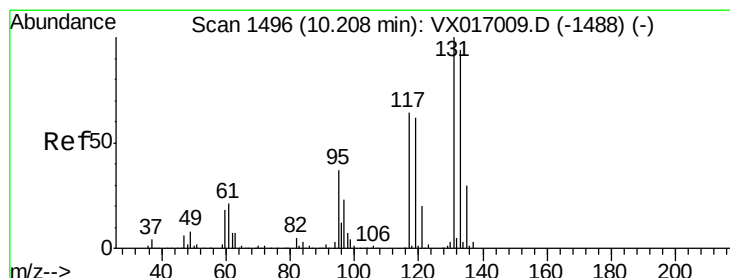
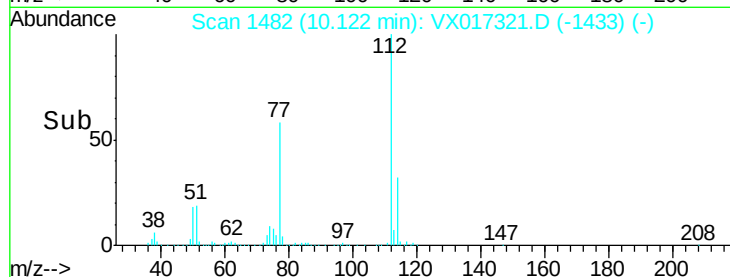
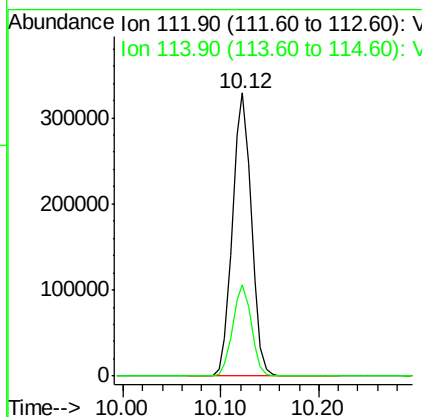
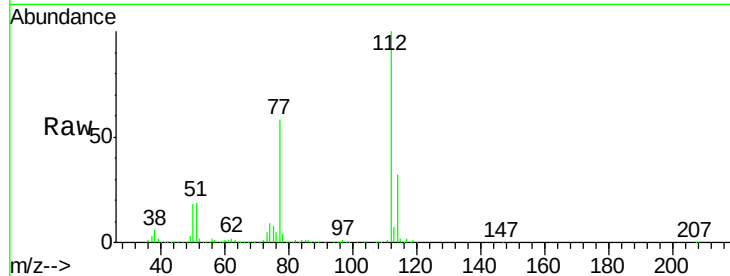
#65
Chlorobenzene
Concen: 52.346 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.2	39.4

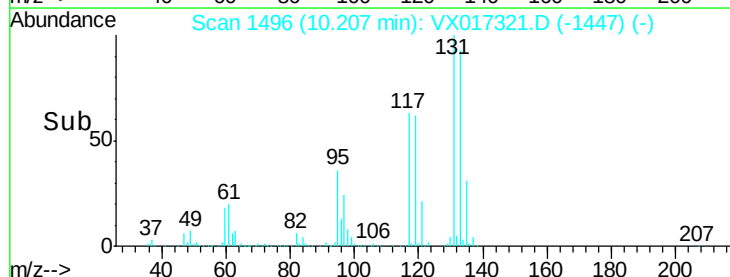
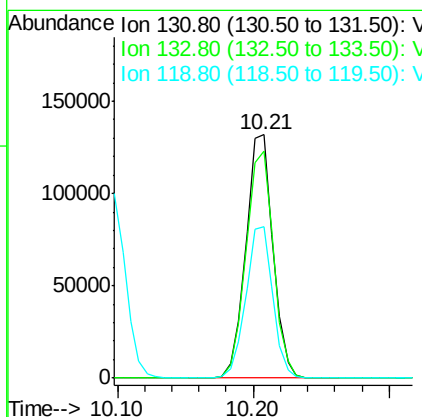
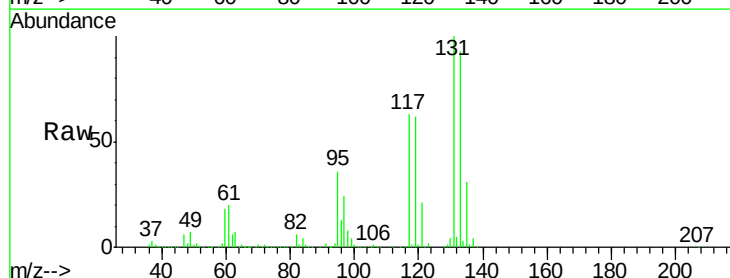
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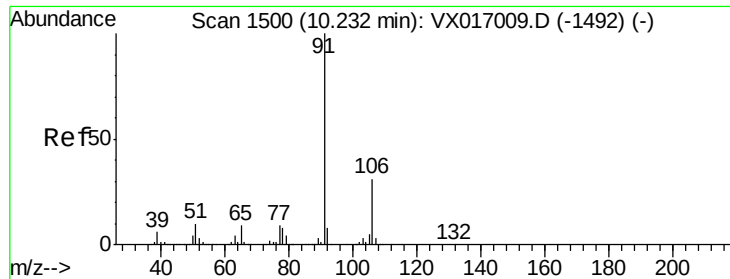
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.562 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	141.9
119	61.8	31.9	95.5





#67

Ethyl Benzene

Concen: 53.378 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 752400

Ion Ratio Lower Upper

91 100

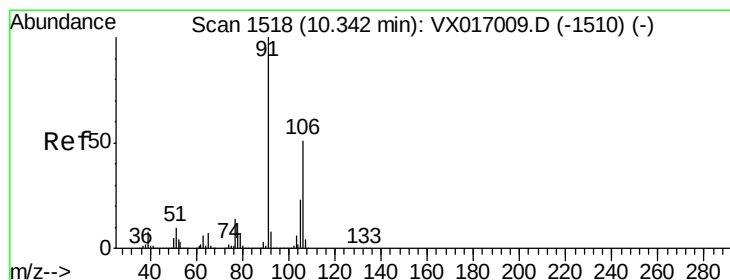
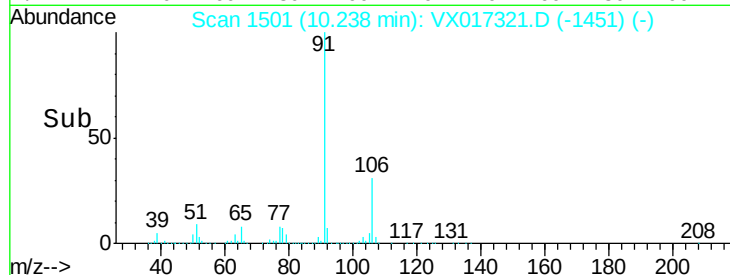
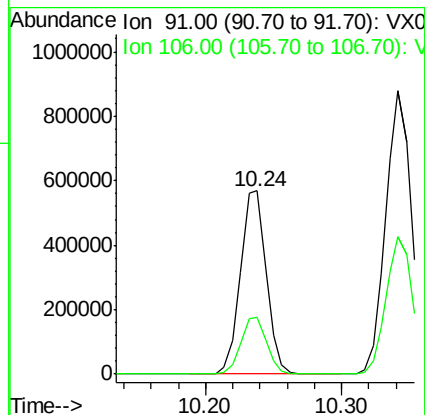
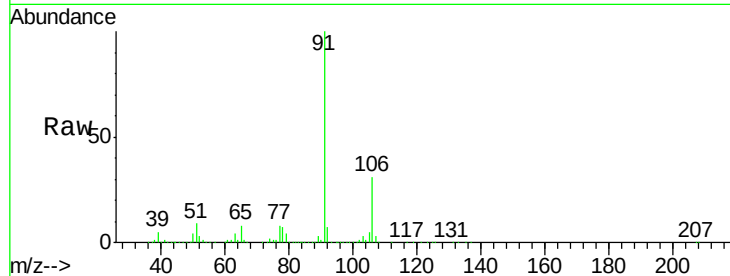
106 31.3 24.7 37.1

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#68

m/p-Xylenes

Concen: 106.275 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017321.D

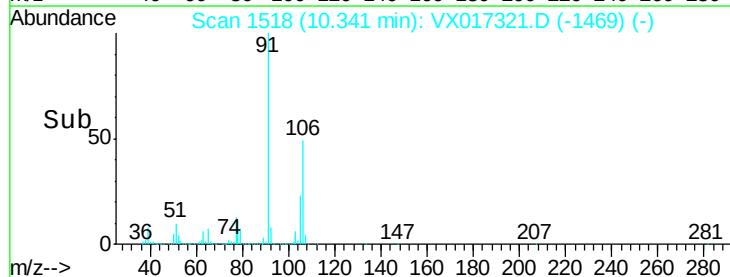
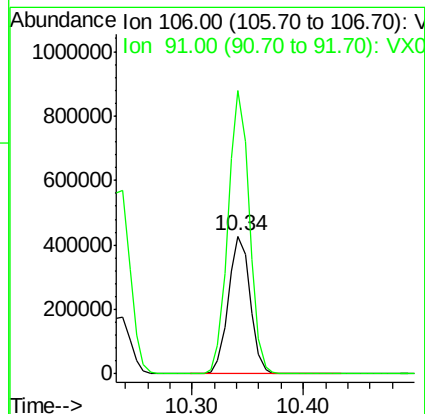
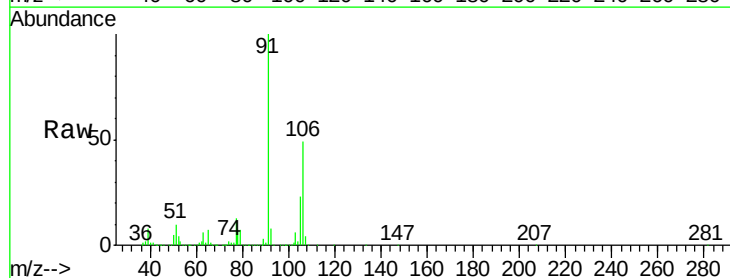
Acq: 09 Jul 2020 20:21

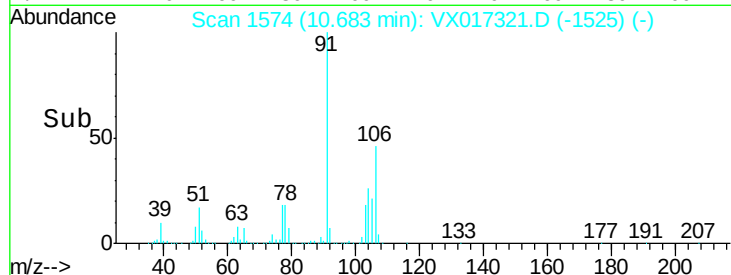
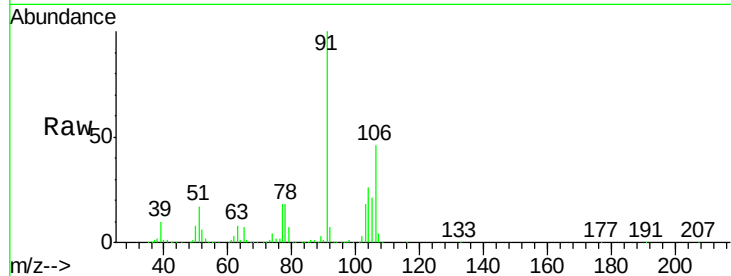
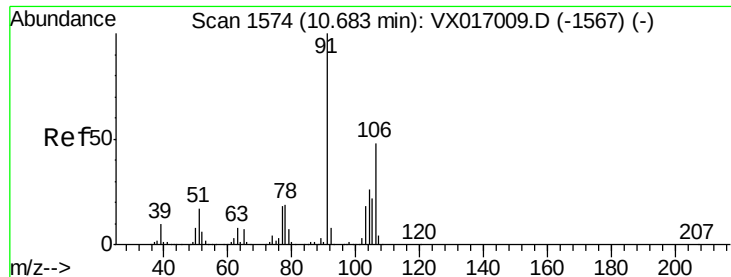
Tgt Ion: 106 Resp: 575186

Ion Ratio Lower Upper

106 100

91 202.5 158.6 238.0





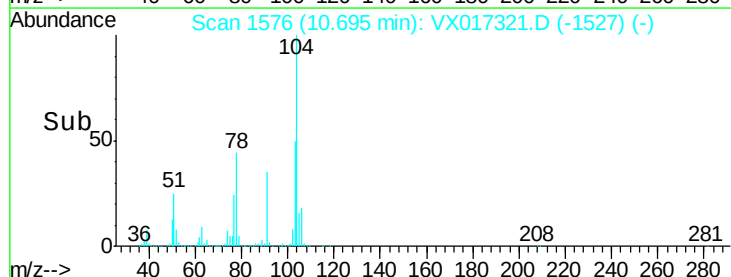
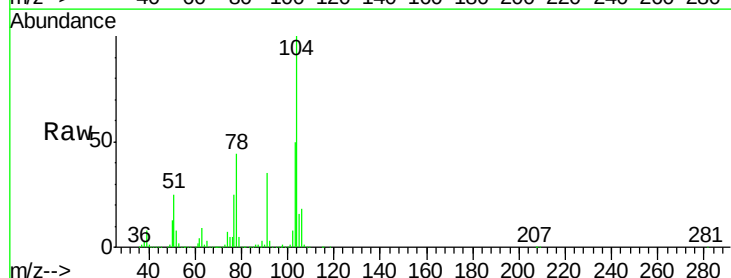
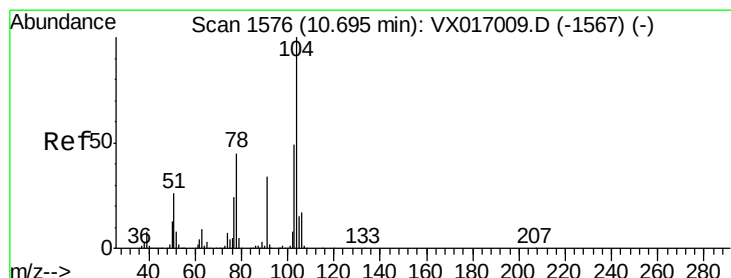
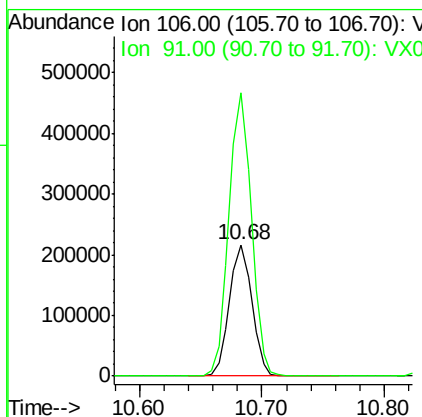
#69
o-Xylene
Concen: 53.392 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tot Ion:106 Resp: 274898
Ion Ratio Lower Upper
106 100
91 215.5 105.6 316.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

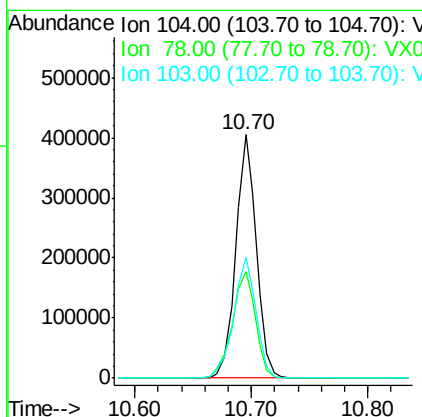
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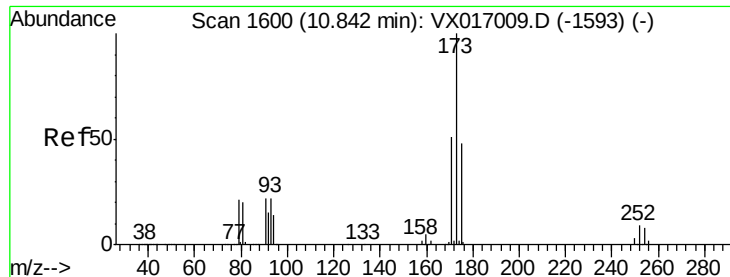
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#70
Styrene
Concen: 56.592 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion:104 Resp: 496180
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 53.9 43.0 64.6





#71

Bromoform

Concen: 64.557 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

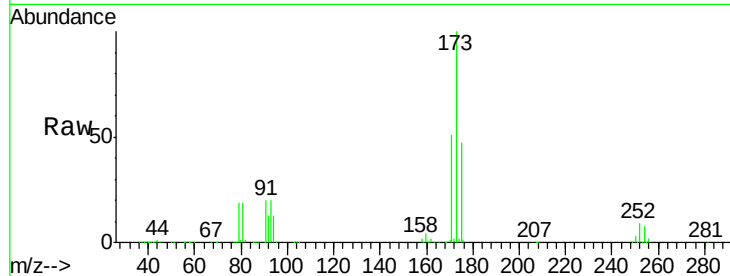
ClientSampleId :

VSTDCCC050EC

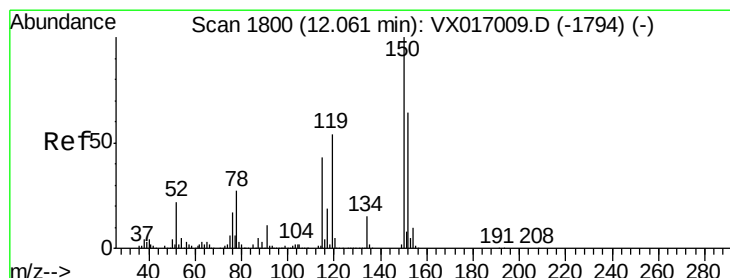
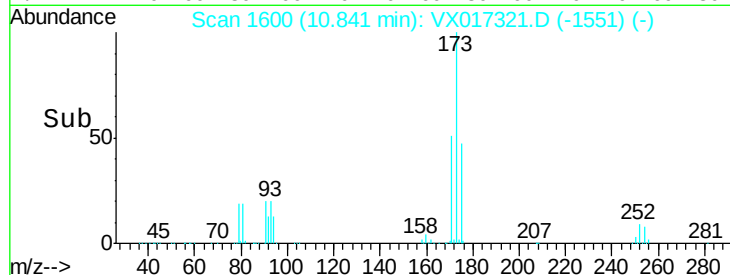
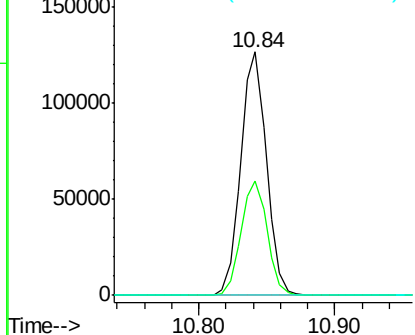
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.5	73.5
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

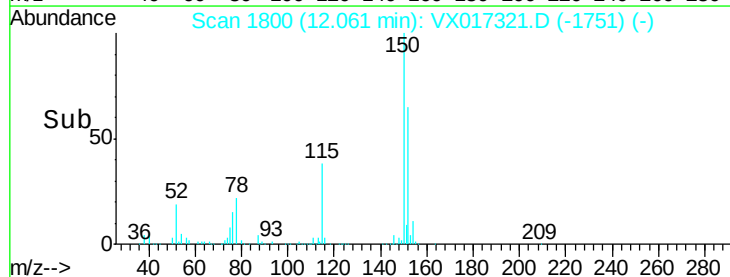
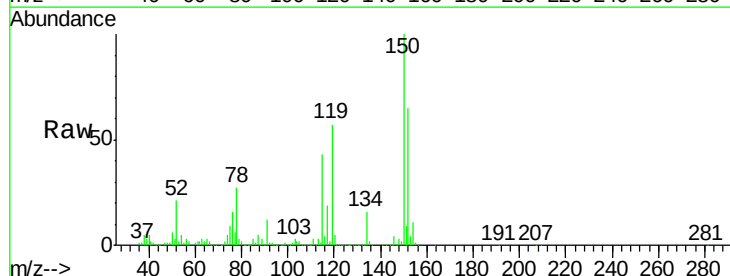
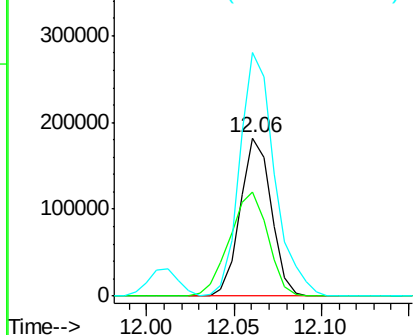
Delta R.T. -0.00 min

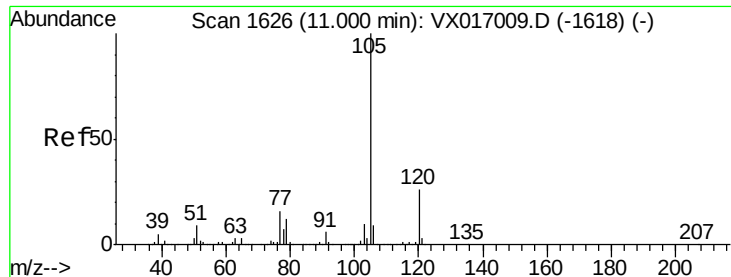
Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.1	40.9	122.7
150	173.1	0.0	351.6

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.862 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 746891

Ion Ratio Lower Upper

105 100

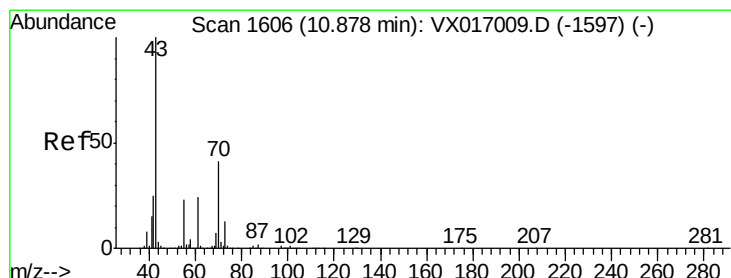
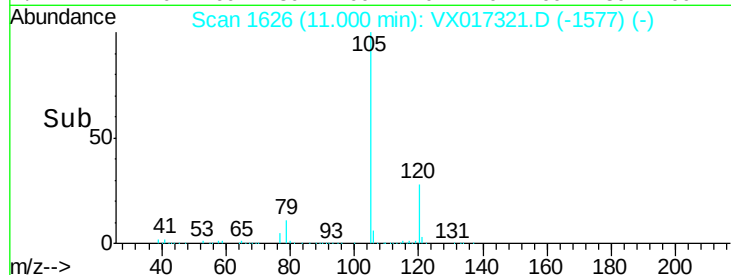
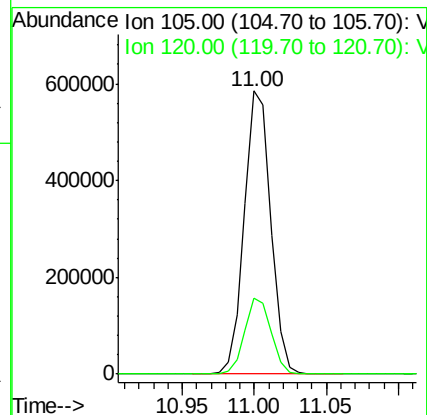
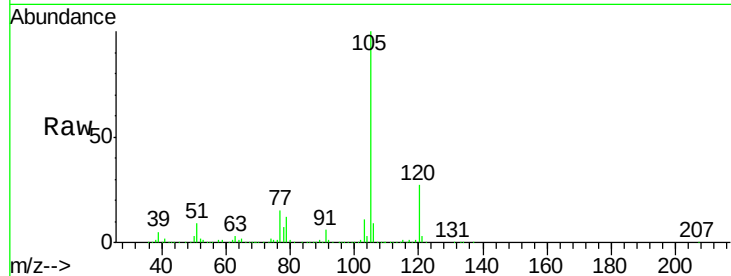
120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 55.754 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion: 43 Resp: 349349

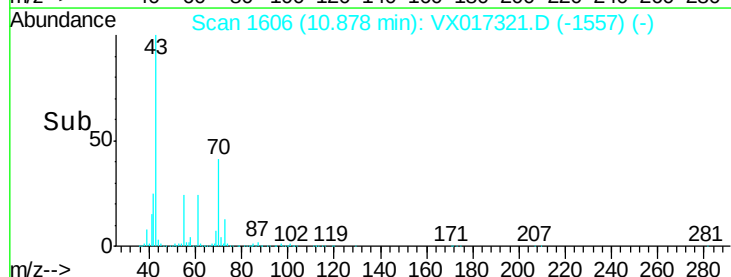
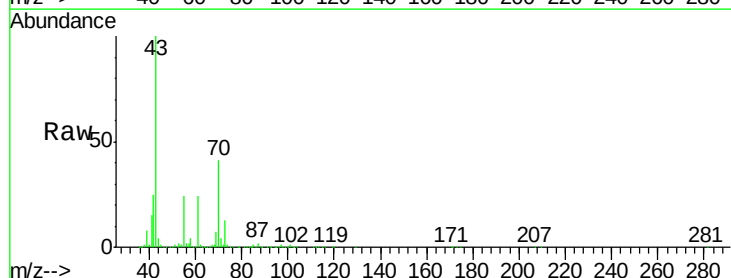
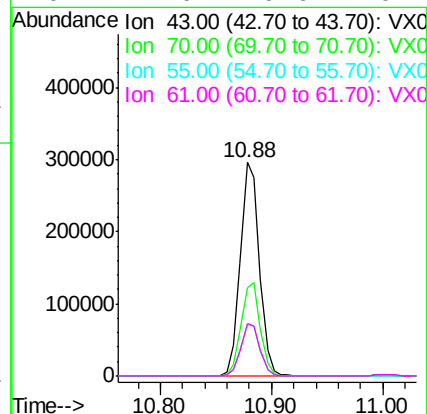
Ion Ratio Lower Upper

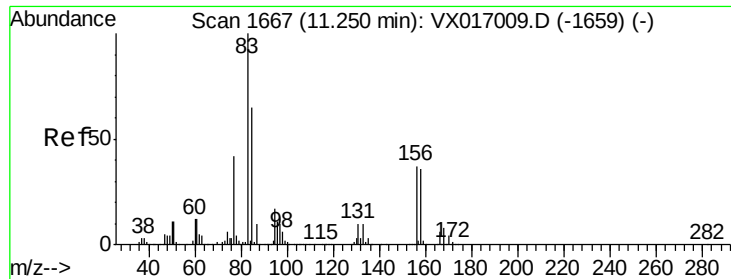
43 100

70 43.9 34.2 51.2

55 24.5 19.2 28.8

61 24.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.106 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

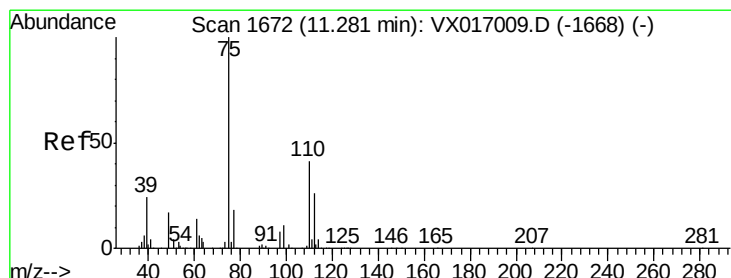
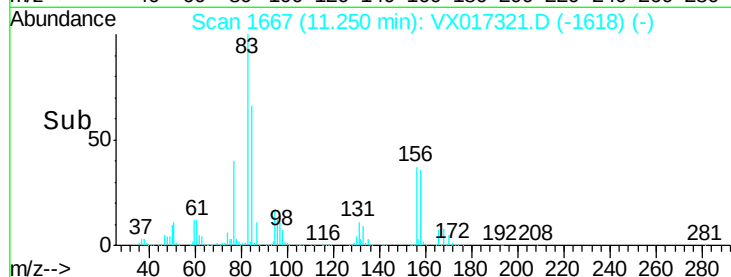
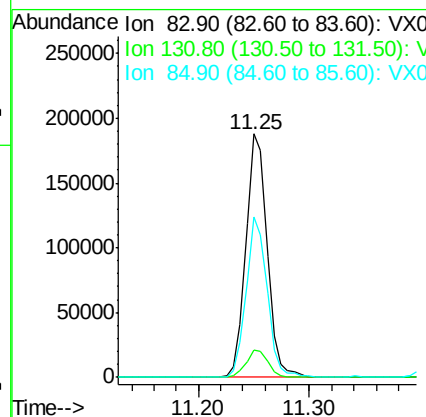
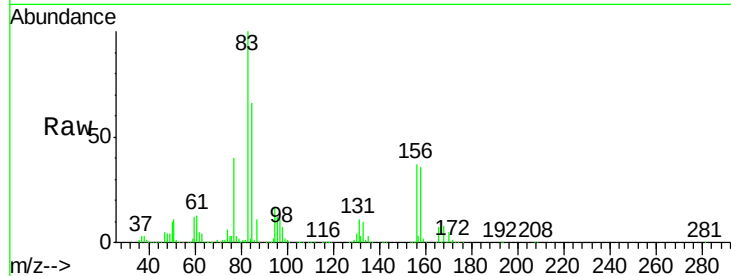
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	249927
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	65.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 55.230 ug/l m

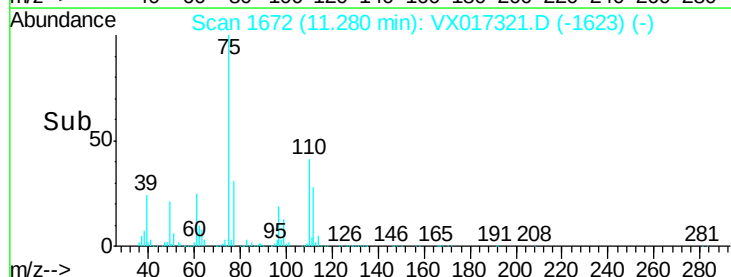
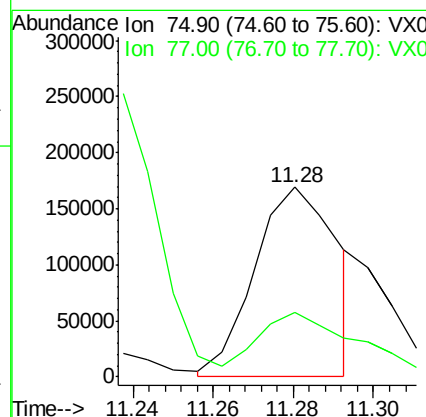
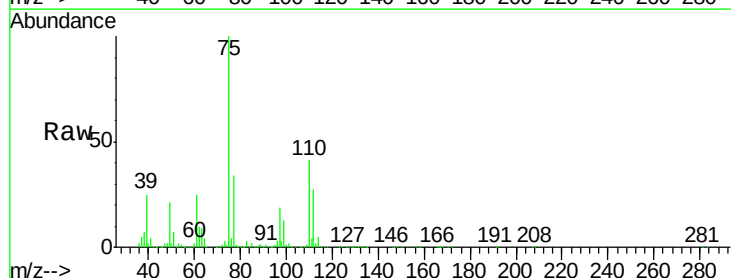
RT: 11.28 min Scan# 1672

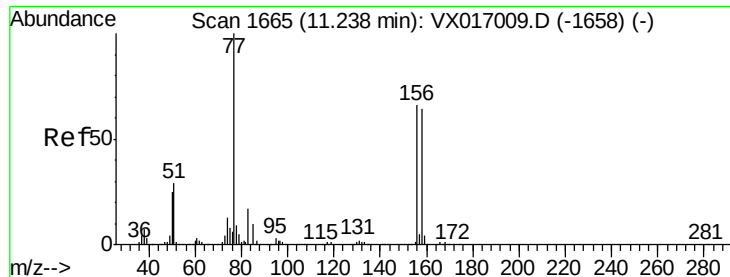
Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	75	Resp:	243487
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.2	60.6





#77

Bromobenzene

Concen: 52.806 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

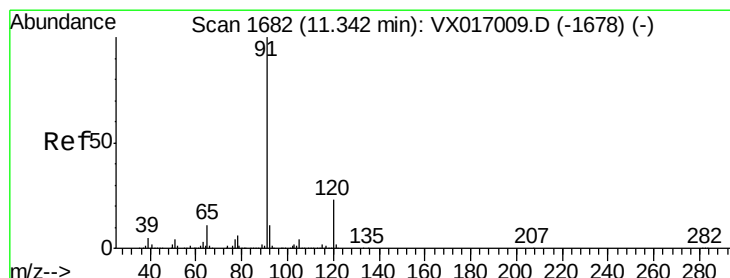
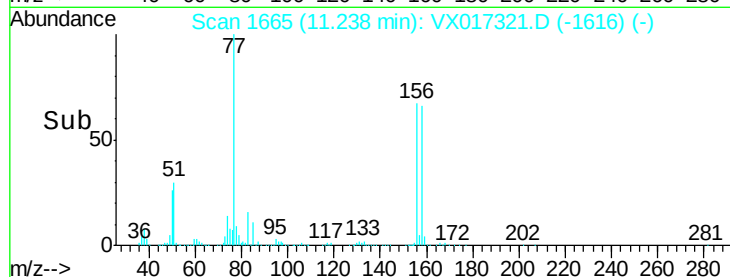
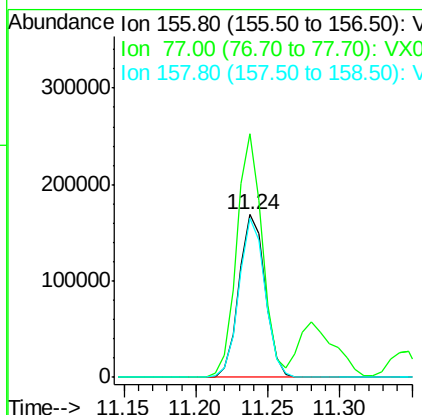
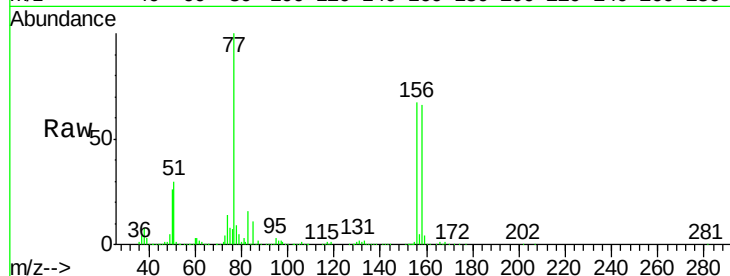
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	213119
Ion Ratio	Lower	Upper	
156	100		
77	147.2	76.9	230.7
158	97.1	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.162 ug/l

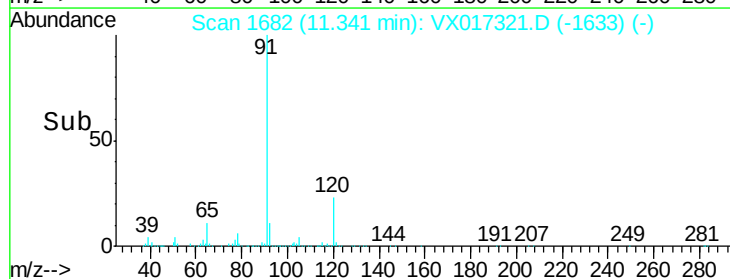
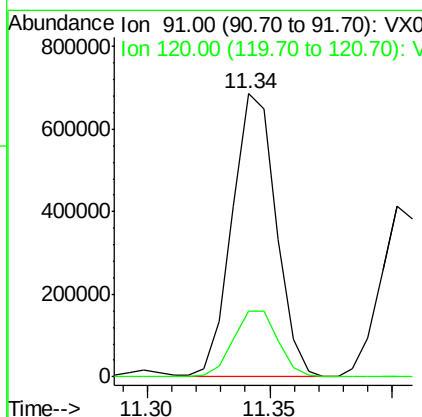
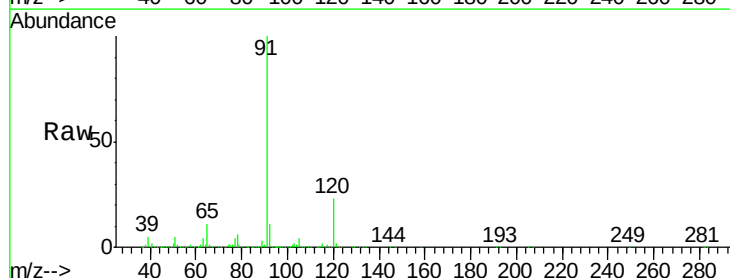
RT: 11.34 min Scan# 1682

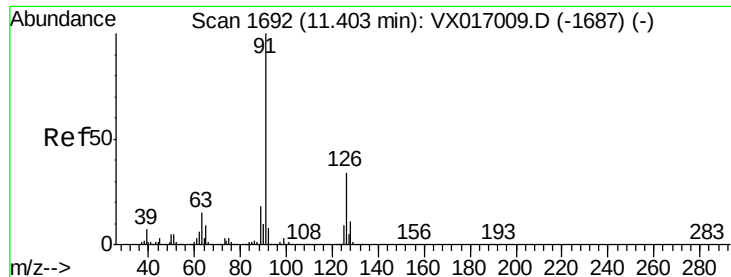
Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	91	Resp:	849592
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 52.084 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 523449

Ion Ratio Lower Upper

91 100

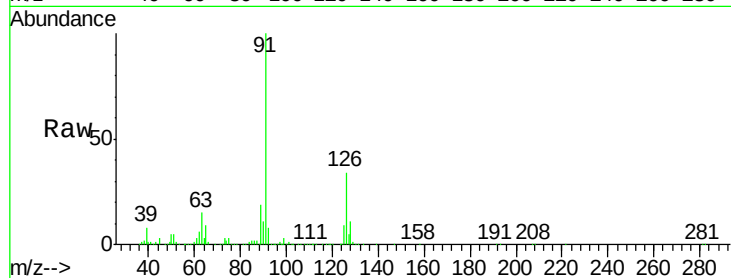
126 35.1 17.4 52.3

Manual Integrations

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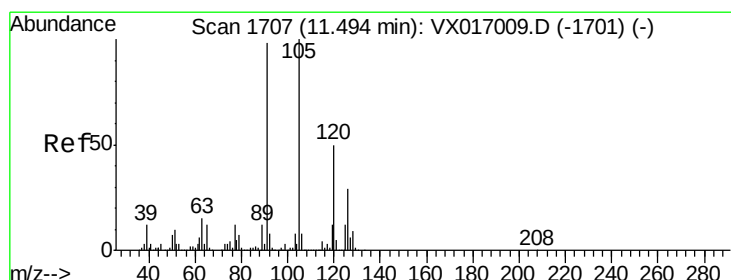
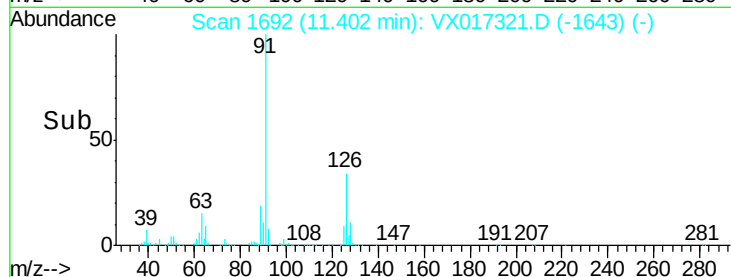
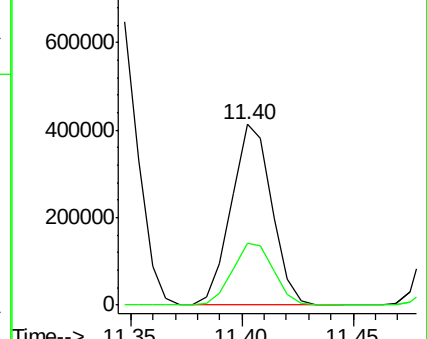
MMDadoda

7/10/2020 12:37:10 PM



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.503 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017321.D

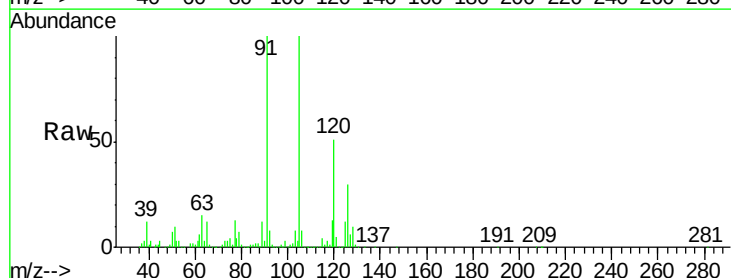
Acq: 09 Jul 2020 20:21

Tgt Ion: 105 Resp: 639513

Ion Ratio Lower Upper

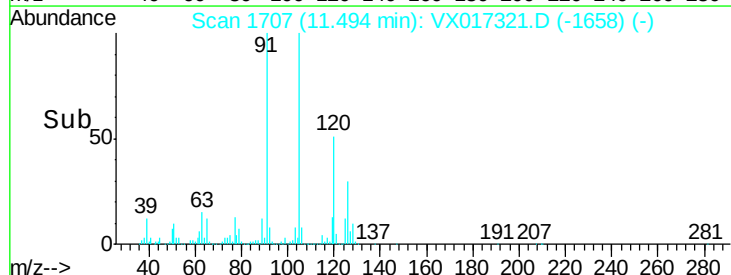
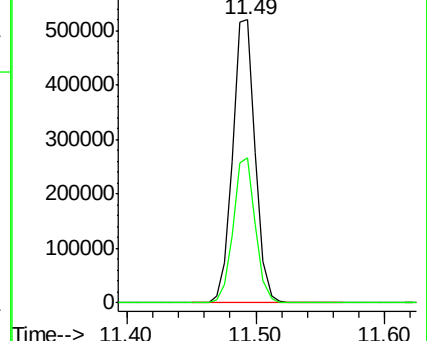
105 100

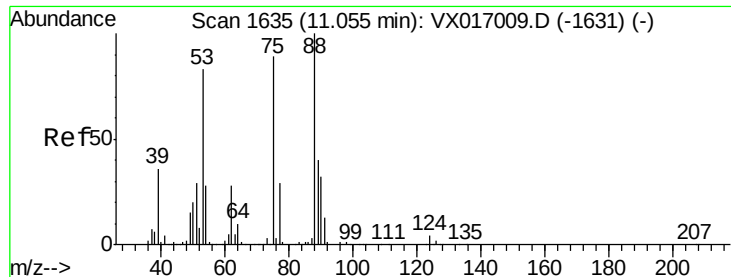
120 50.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)





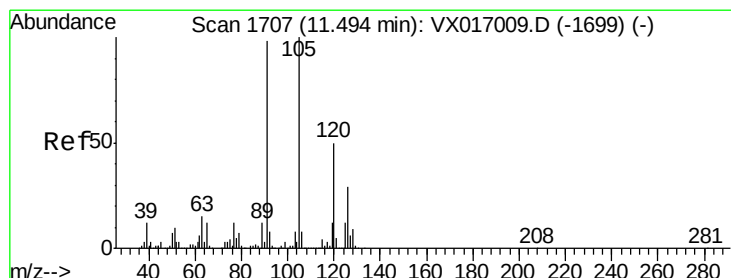
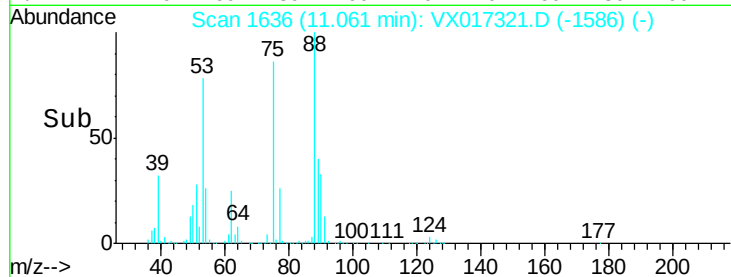
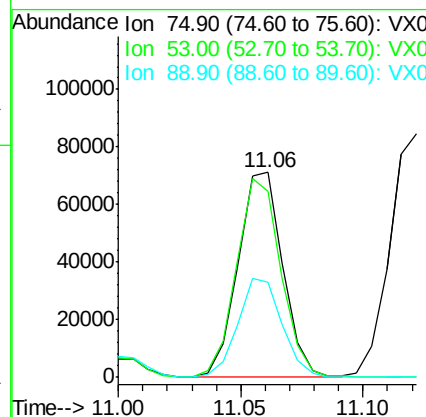
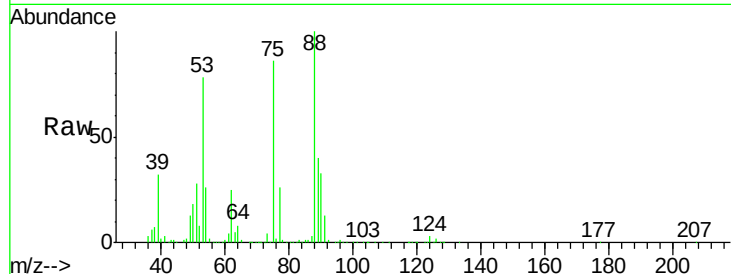
#81
trans-1,4-Dichloro-2-butene
Concen: 52.942 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.1	72.4	108.6
89	48.0	37.0	55.4

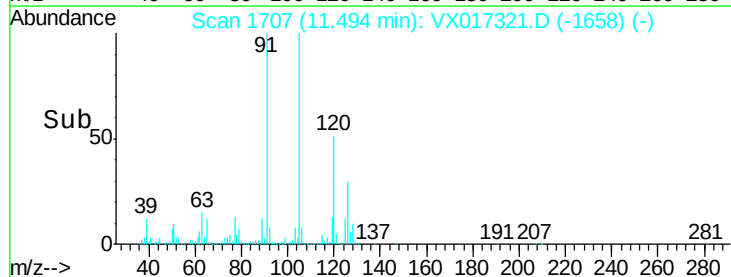
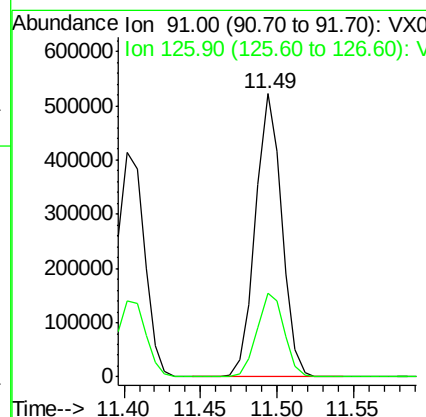
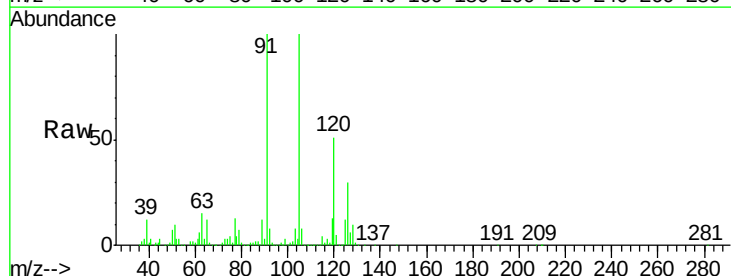
Manual Integrations
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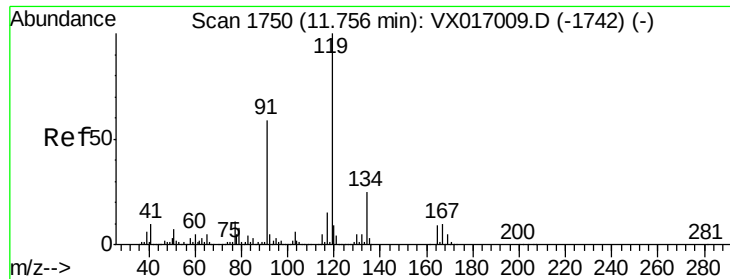
MMDadoda
7/10/2020 12:37:10 PM



#82
4-Chlorotoluene
Concen: 52.163 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.5





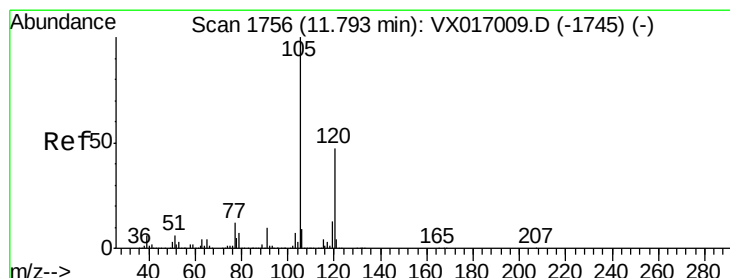
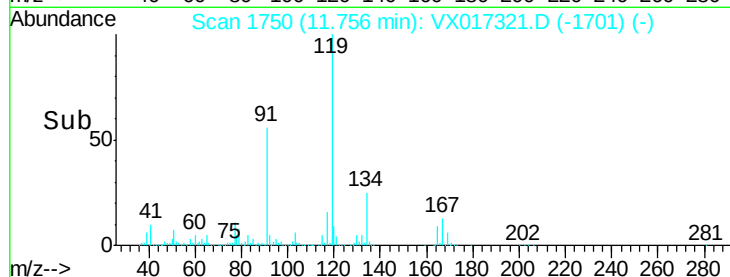
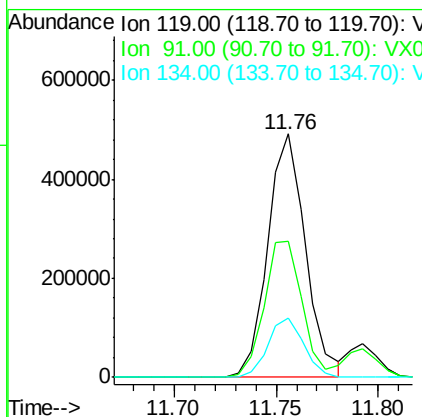
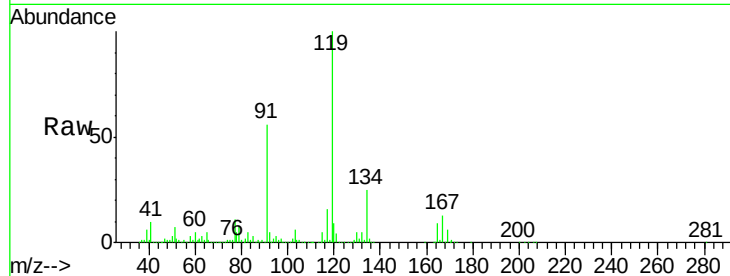
#83
 tert-Butylbenzene
 Concen: 53.051 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	634333		
91	55.8	28.3	84.9	
134	23.3	11.7	35.1	

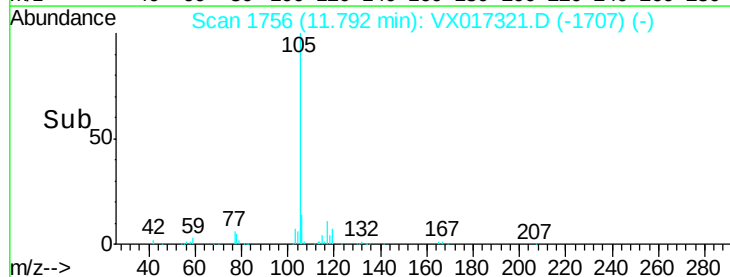
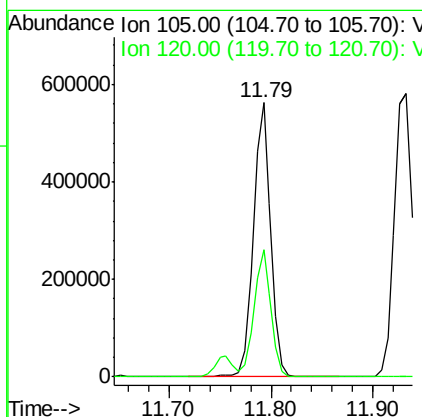
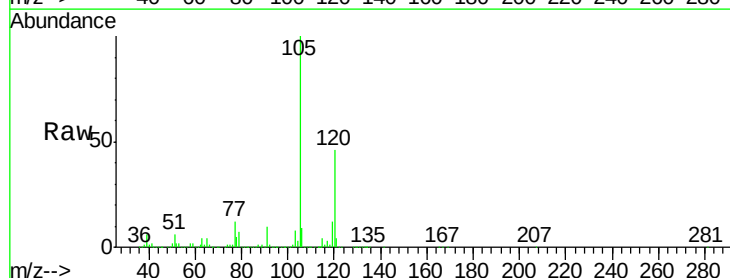
Manual Integrations
 APPROVED

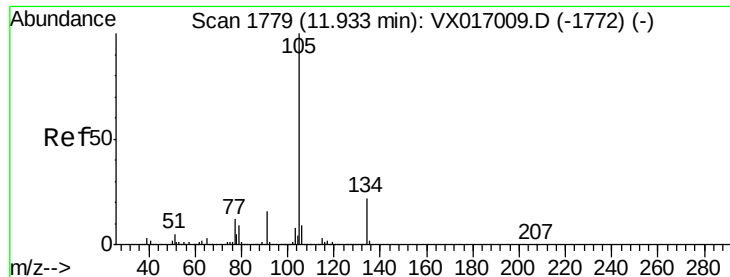
MMDadoda
 7/10/2020 12:37:10 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.833 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	665223		
120	45.5	22.9	68.5	





#85

sec-Butylbenzene

Concen: 51.468 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 723392

Ion Ratio Lower Upper

105 100

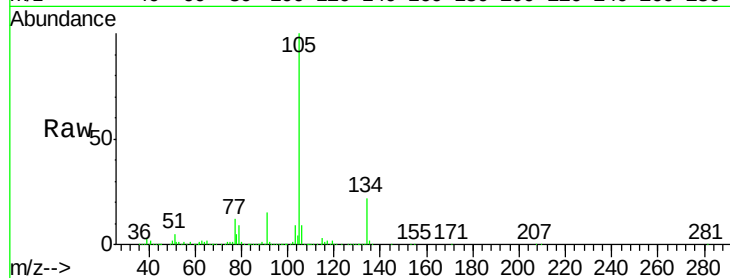
134 21.1 10.5 31.6

Manual Integrations

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7/10/2020 12:37:10 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

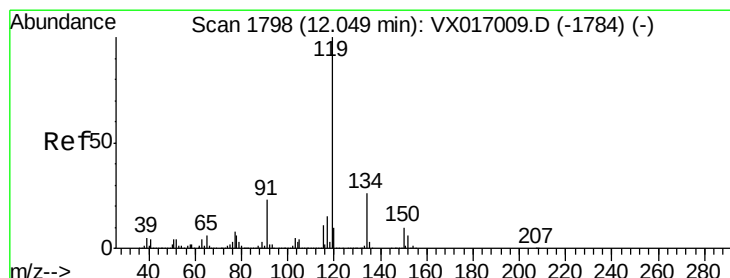
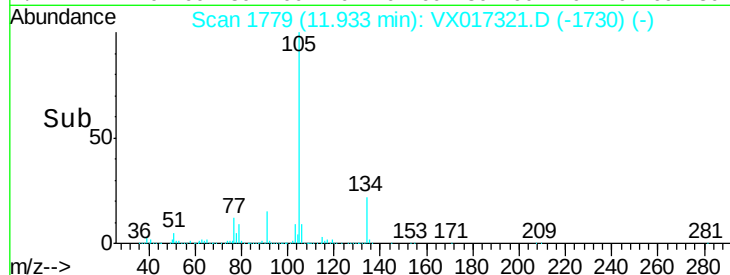
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.847 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

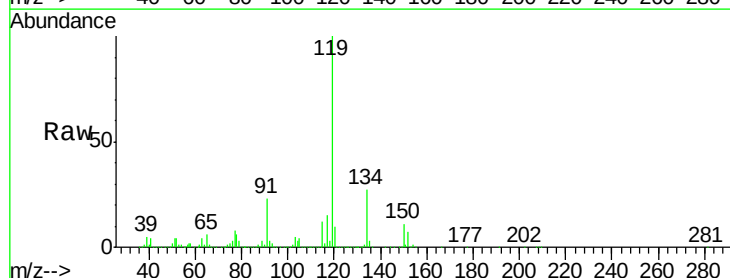
Tgt Ion:119 Resp: 691464

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

800000

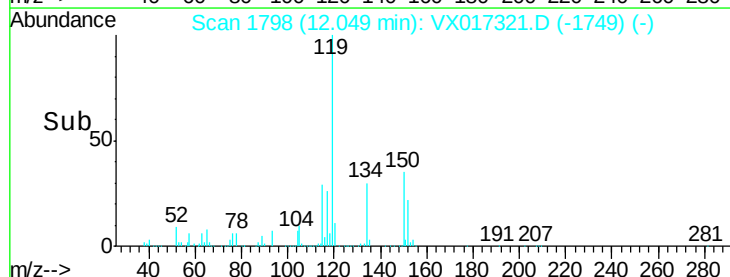
600000

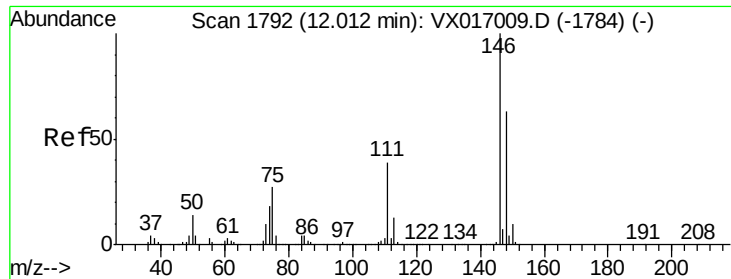
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200000

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Time-->





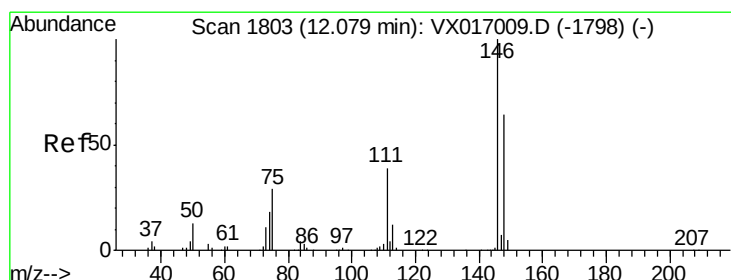
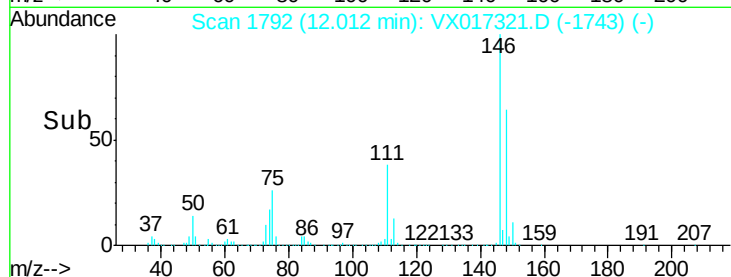
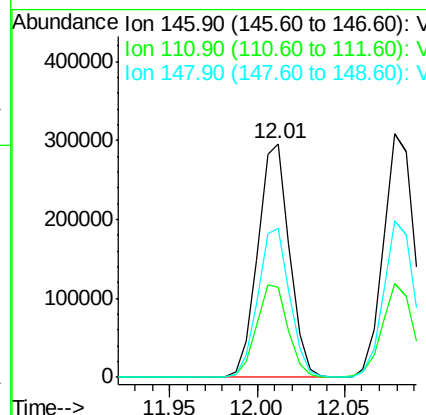
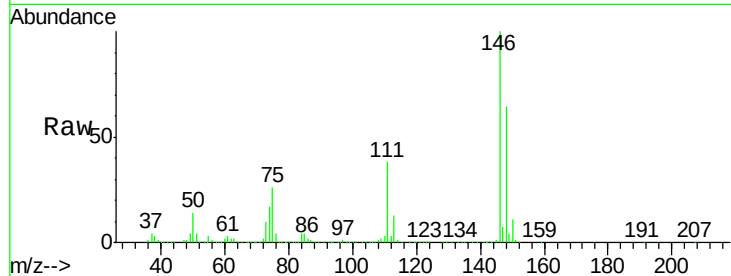
#87
 1,3-Dichlorobenzene
 Concen: 50.715 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	64.2	32.5	97.5

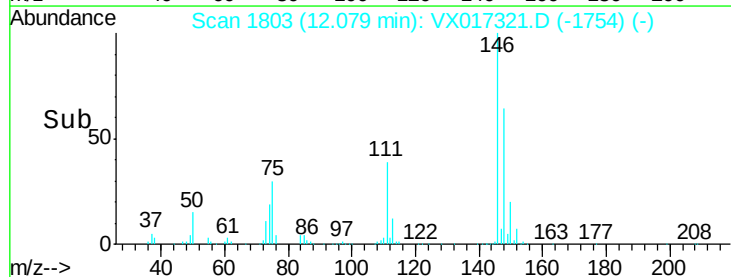
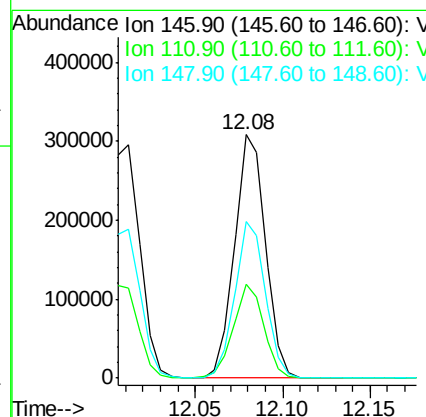
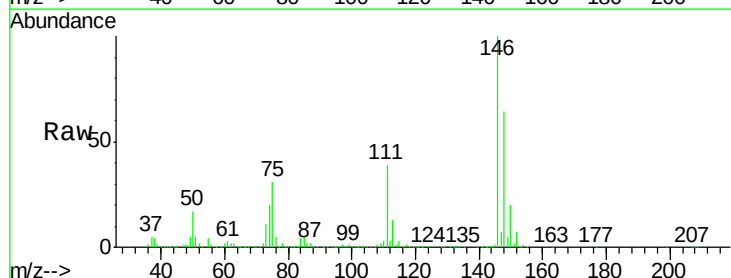
Manual Integrations
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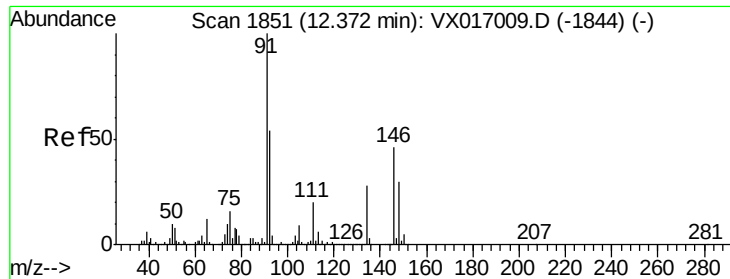
MMDadoda
 7/10/2020 12:37:10 PM



#88
 1,4-Dichlorobenzene
 Concen: 55.008 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.5	58.5
148	63.2	31.9	95.7





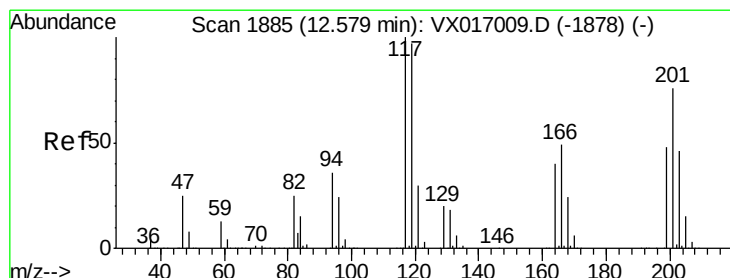
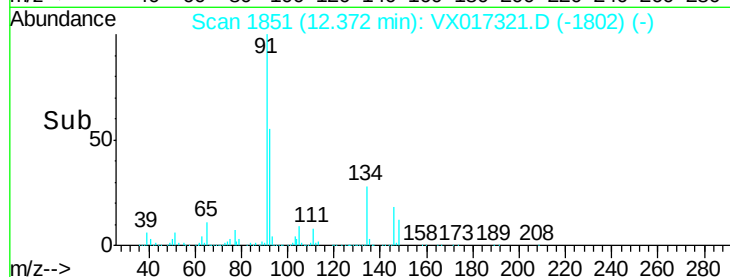
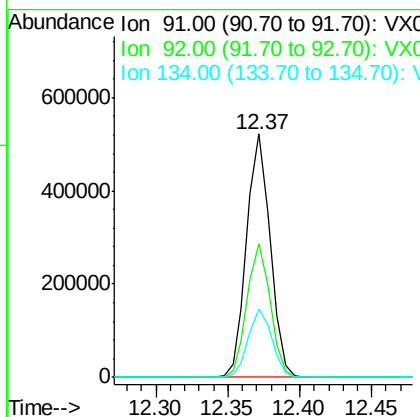
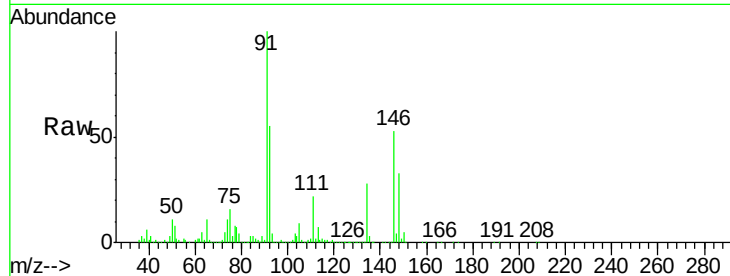
#89
n-Butylbenzene
Concen: 50.526 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	28.2	13.6	40.7

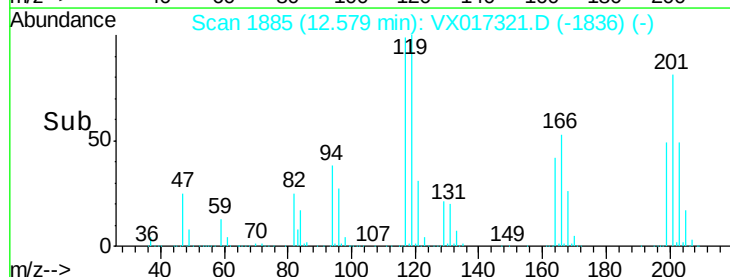
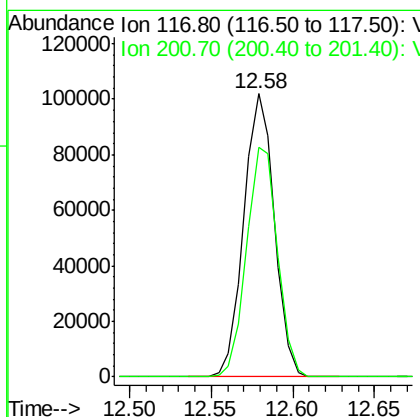
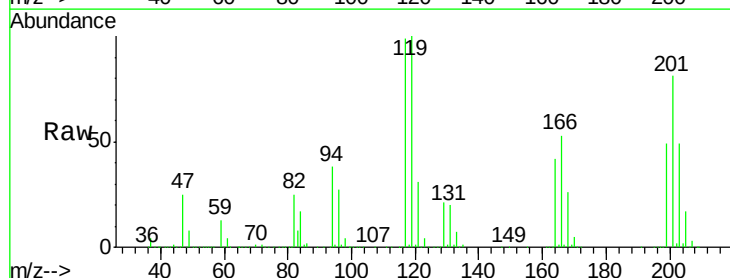
Manual Integrations
APPROVED

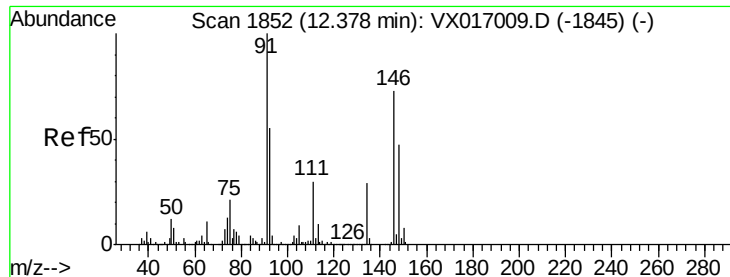
MMDadoda
7/10/2020 12:37:10 PM



#90
Hexachloroethane
Concen: 51.708 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017321.D
Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.4	39.4	118.2





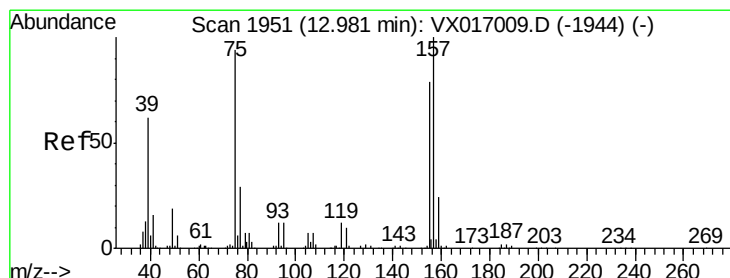
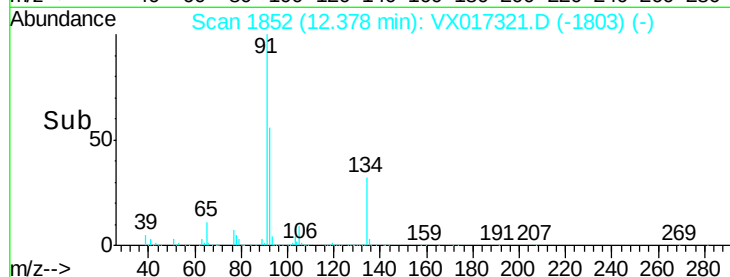
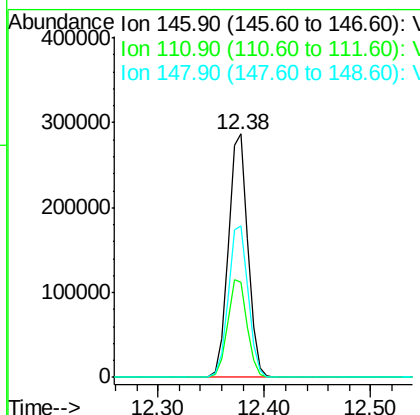
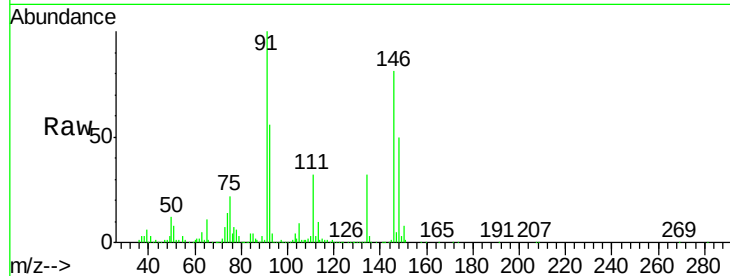
#91
 1,2-Dichlorobenzene
 Concen: 53.557 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.9
148	63.3	32.4	97.2

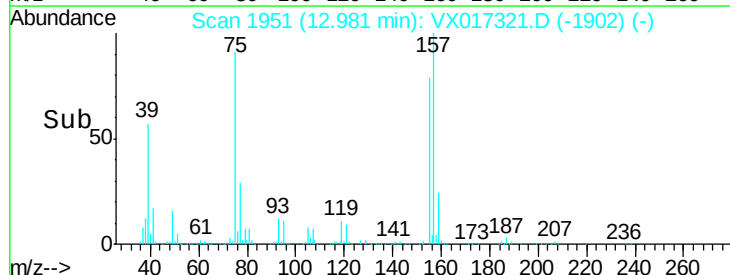
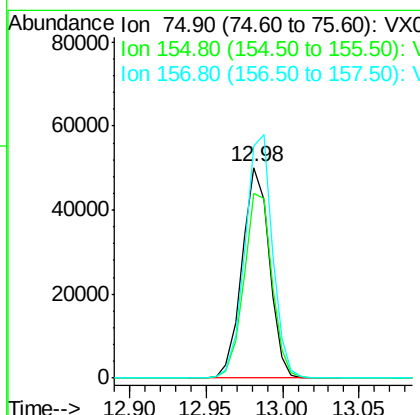
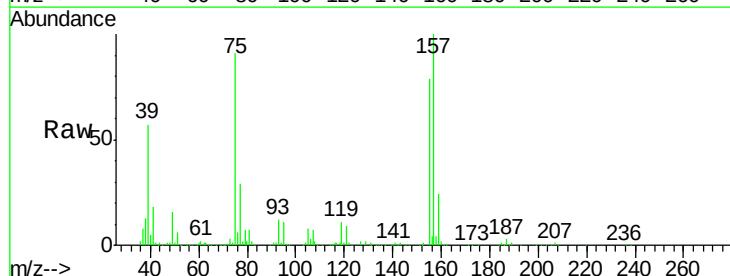
Manual Integrations
 APPROVED

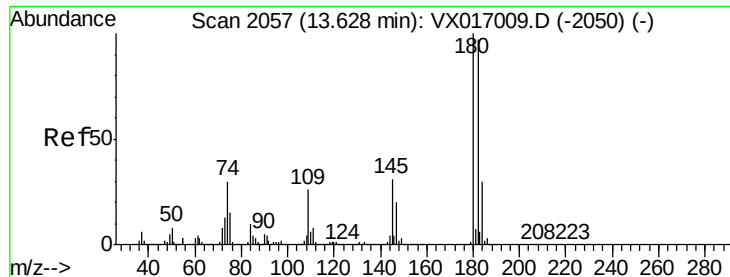
MMDadoda
 7/10/2020 12:37:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.061 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.1	135.2
157	117.2	56.5	169.3





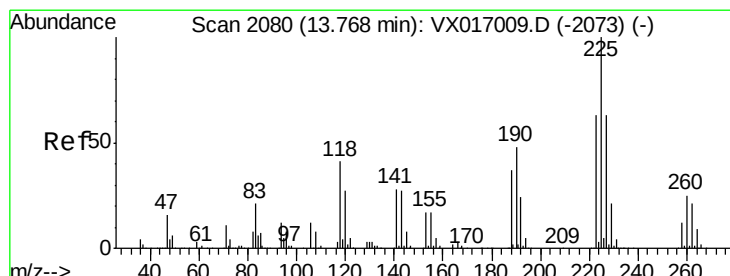
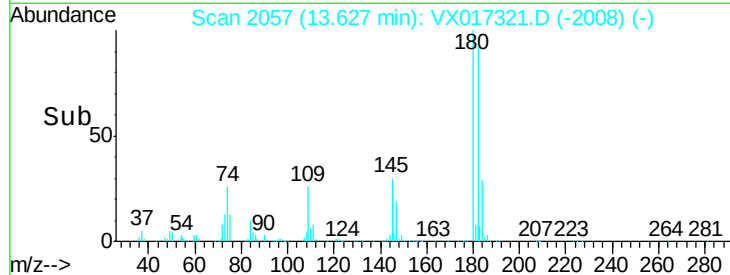
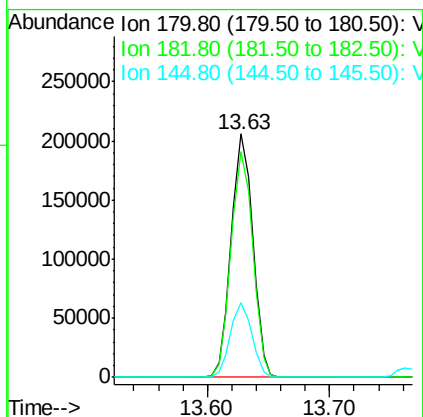
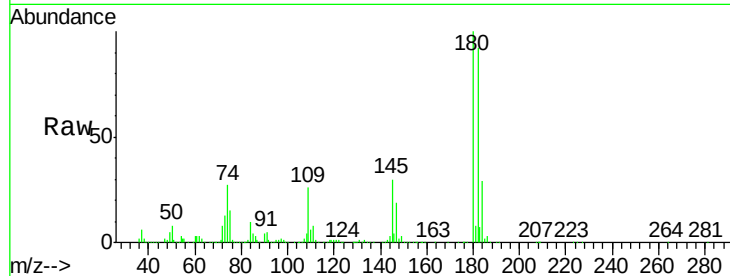
#93
 1,2,4-Trichlorobenzene
 Concen: 53.676 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251021		
182	93.3	47.3	141.9	
145	30.4	15.4	46.2	

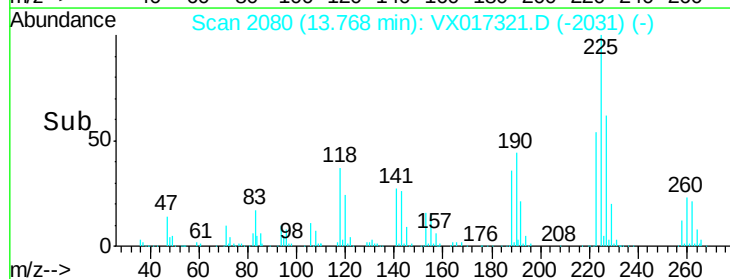
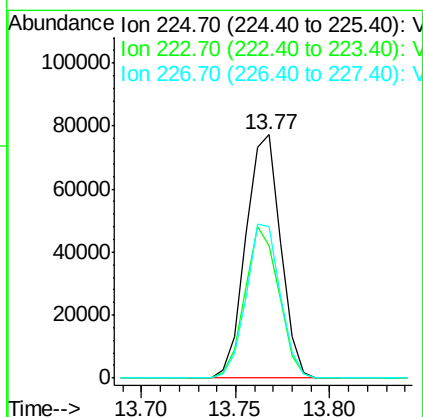
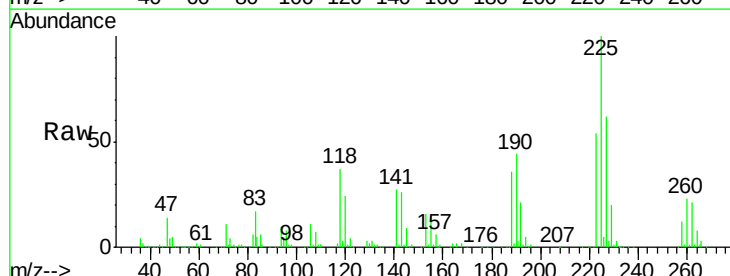
Manual Integrations
 APPROVED

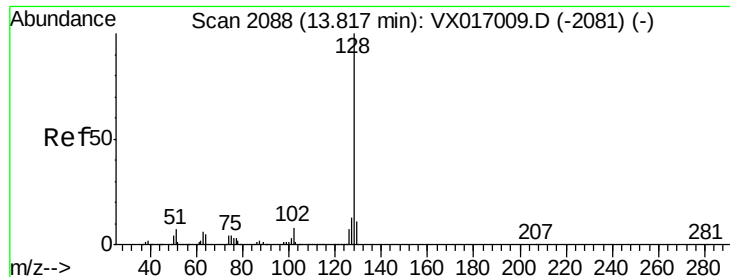
MMDadoda
 7/10/2020 12:37:10 PM



#94
 Hexachlorobutadiene
 Concen: 55.668 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017321.D
 Acq: 09 Jul 2020 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98975		
223	60.3	32.5	97.5	
227	62.2	33.1	99.2	





#95

Naphthalene

Concen: 58.335 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Instrument :

MSVOA_X

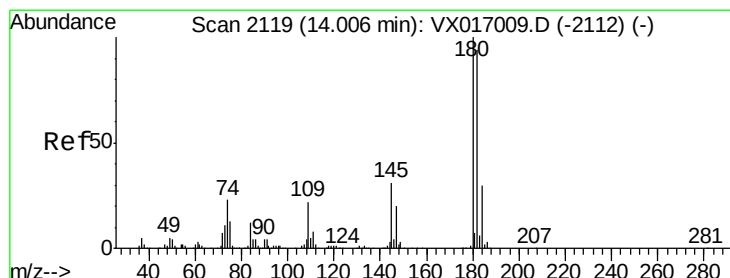
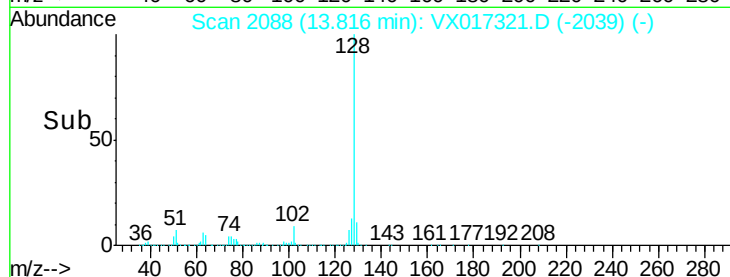
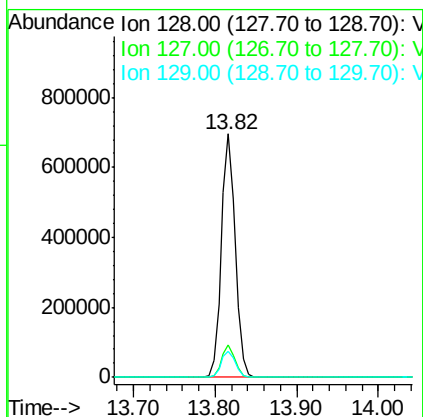
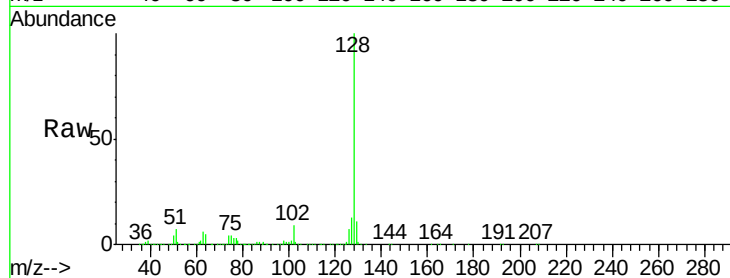
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	829386
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:37:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 56.114 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017321.D

Acq: 09 Jul 2020 20:21

Tgt Ion:	180	Resp:	253963
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.1	141.4
145	32.3	16.6	49.7

