

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016794.D
 Acq On : 16 Jun 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:53 AM

Quant Time: Jun 17 06:38:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	299072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155539	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.46	113	130435	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	8.70	98	504356	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	190625	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	161161	47.705	ug/l	99
3) Chloromethane	1.31	50	153305	46.958	ug/l	99
4) Vinyl Chloride	1.39	62	175421	50.356	ug/l	98
5) Bromomethane	1.62	94	91961	42.506	ug/l	99
6) Chloroethane	1.71	64	107083	49.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	246727	49.176	ug/l	99
8) Diethyl Ether	2.17	74	96336	47.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133254	52.203	ug/l	98
10) Methyl Iodide	2.49	142	135056	42.331	ug/l	96
11) Tert butyl alcohol	3.01	59	200269	236.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	143045	48.936	ug/l	98
13) Acrolein	2.27	56	85042	236.462	ug/l	97
14) Allyl chloride	2.70	41	220734	48.282	ug/l	96
15) Acrylonitrile	3.12	53	416732	243.014	ug/l	99
16) Acetone	2.42	43	365593	239.588	ug/l	97
17) Carbon Disulfide	2.55	76	392550	46.891	ug/l	99
18) Methyl Acetate	2.75	43	208515	51.195	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	473482	47.526	ug/l	99
20) Methylene Chloride	2.83	84	153149	46.595	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	154827	49.290	ug/l	99
22) Diisopropyl ether	3.82	45	417298	48.595	ug/l	99
23) Vinyl Acetate	3.78	43	1819592	245.154	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256239	47.708	ug/l	99
25) 2-Butanone	4.64	43	566908	246.512	ug/l	98
26) 2,2-Dichloropropane	4.55	77	212424	42.713	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	170392	47.460	ug/l	99
28) Bromochloromethane	4.98	49	104893	45.782	ug/l #	4
29) Tetrahydrofuran	5.09	42	368006	247.019	ug/l	100
30) Chloroform	5.18	83	264177	46.492	ug/l	98
31) Cyclohexane	5.55	56	216695	50.103	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	245681	47.649	ug/l	100
36) 1,1-Dichloropropene	5.78	75	198270	49.077	ug/l	99
37) Ethyl Acetate	4.79	43	218143	49.306	ug/l	99
38) Carbon Tetrachloride	5.76	117	222113	48.410	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227153	48.517	ug/l	99
40) Benzene	6.12	78	600312	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	115921	49.140	ug/l	99
42) 1,2-Dichloroethane	6.16	62	207151	46.142	ug/l	99
43) Isopropyl Acetate	6.42	43	345377	49.809	ug/l	100
44) Trichloroethene	7.19	130	233430	61.351	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149252	49.499	ug/l	99
46) Dibromomethane	7.64	93	103433	47.065	ug/l	98
47) Bromodichloromethane	7.88	83	216058	47.157	ug/l	97
48) Methyl methacrylate	7.74	41	166263	50.590	ug/l	98
49) 1,4-Dioxane	7.71	88	79317	975.240	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1088195	254.679	ug/l	99
52) Toluene	8.76	92	392261	49.095	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	248203	47.963	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	260215	48.207	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	158065	49.193	ug/l	95
56) Ethyl methacrylate	9.16	69	250025	51.971	ug/l	99
57) 1,3-Dichloropropane	9.35	76	260669	48.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	618466	261.460	ug/l	99
59) 2-Hexanone	9.48	43	844301	255.968	ug/l	99
60) Dibromochloromethane	9.57	129	188779	49.711	ug/l	99
61) 1,2-Dibromoethane	9.65	107	171969	49.109	ug/l	99
64) Tetrachloroethene	9.32	164	201289	49.252	ug/l	97
65) Chlorobenzene	10.12	112	425820	49.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	168176	48.816	ug/l	99
67) Ethyl Benzene	10.24	91	739334	50.642	ug/l	99
68) m/p-Xylenes	10.34	106	567502	102.522	ug/l	100
69) o-Xylene	10.68	106	269414	50.521	ug/l	99
70) Styrene	10.70	104	481162	52.194	ug/l	99
71) Bromoform	10.84	173	152757	51.968	ug/l #	97
73) Isopropylbenzene	11.00	105	729211	49.941	ug/l	100
74) N-amyl acetate	10.88	43	293712	51.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	205199	47.774	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223779m	47.820	ug/l	
77) Bromobenzene	11.24	156	197421	47.886	ug/l	99
78) n-propylbenzene	11.34	91	803480	50.670	ug/l	100
79) 2-Chlorotoluene	11.40	91	488587	48.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	614063	50.168	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86739	46.662	ug/l	95
82) 4-Chlorotoluene	11.49	91	575144	49.003	ug/l	99
83) tert-Butylbenzene	11.76	119	560712	50.064	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	630614	50.930	ug/l	99
85) sec-Butylbenzene	11.93	105	674495	51.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	644899	51.304	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341444	48.988	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345225	47.762	ug/l	100
89) n-Butylbenzene	12.37	91	535334	51.590	ug/l	99
90) Hexachloroethane	12.58	117	110902	47.844	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	328368	47.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57093	47.533	ug/l	95

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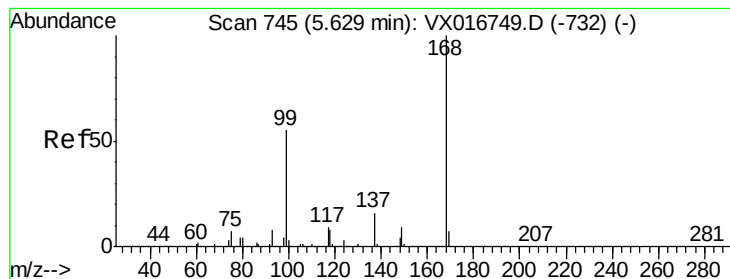
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	235026	48.149	ug/l	97
94) Hexachlorobutadiene	13.77	225	101747	47.392	ug/l	97
95) Naphthalene	13.82	128	783092	51.210	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	230855	48.051	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 299072

Ion Ratio Lower Upper

168 100

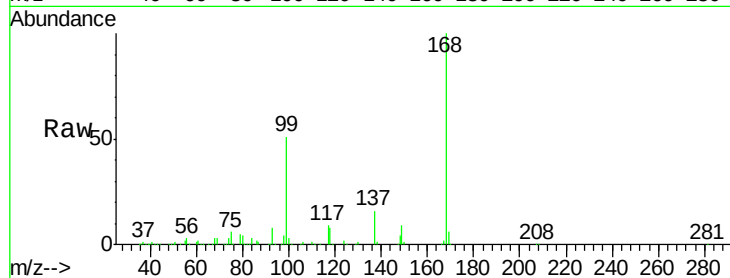
99 50.8 43.8 65.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

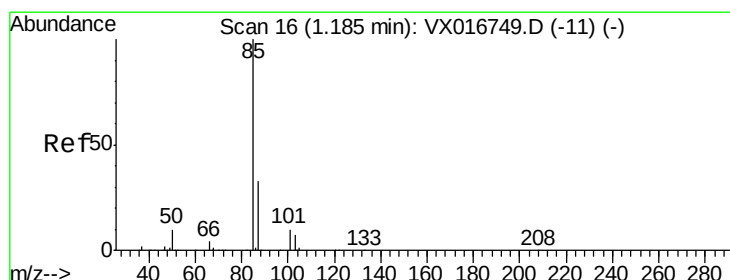
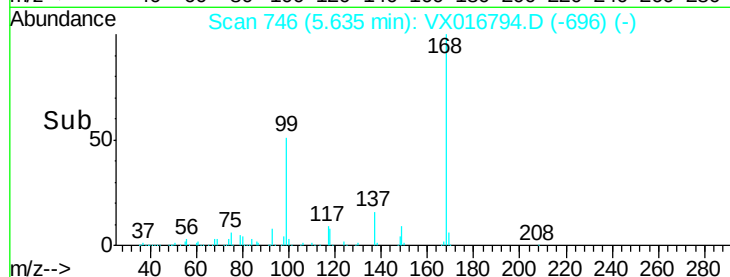
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.705 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016794.D

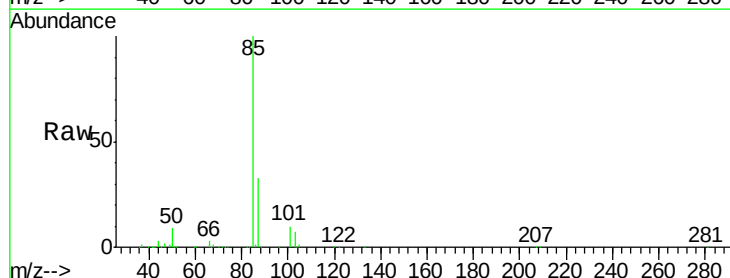
Acq: 16 Jun 2020 20:47

Tgt Ion: 85 Resp: 161161

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

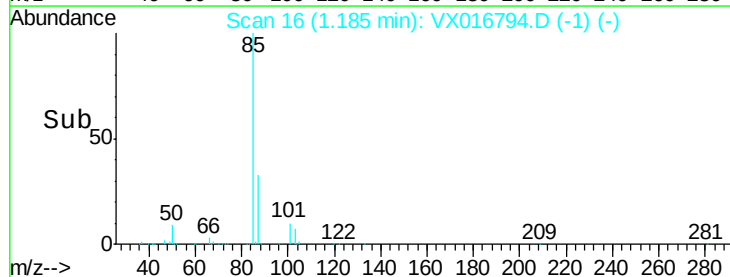
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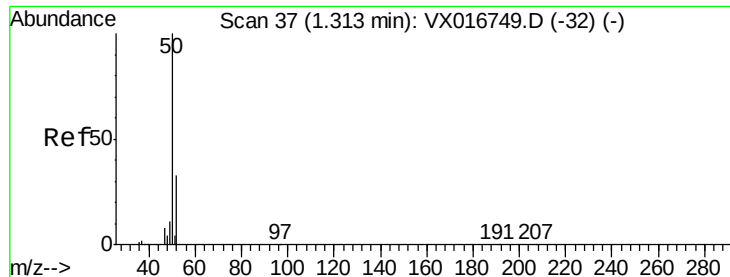
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.958 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 153305

Ion Ratio Lower Upper

50 100

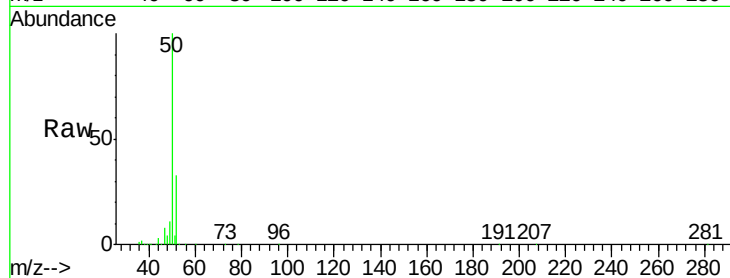
52 33.4 26.5 39.7

Manual Integrations

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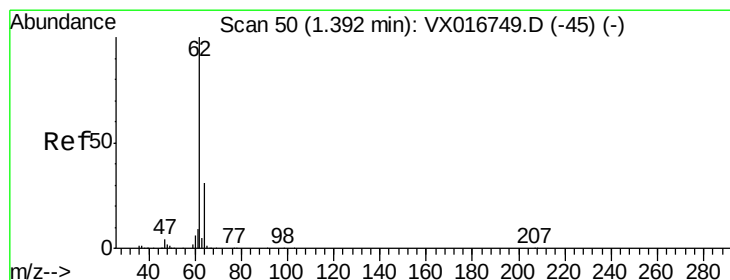
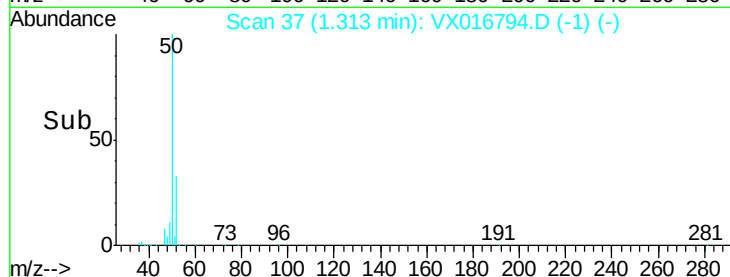
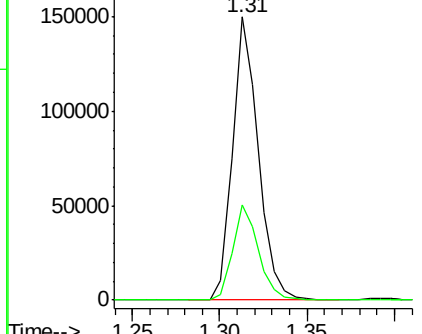
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6/17/2020 9:34:53 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.356 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016794.D

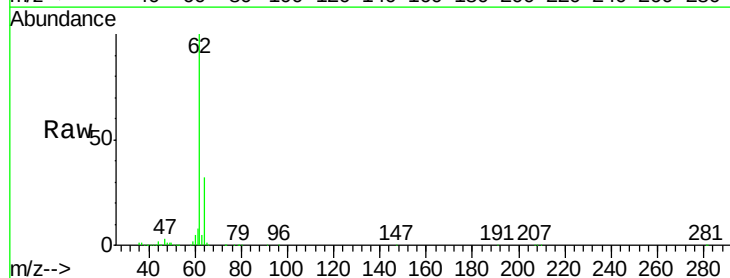
Acq: 16 Jun 2020 20:47

Tgt Ion: 62 Resp: 175421

Ion Ratio Lower Upper

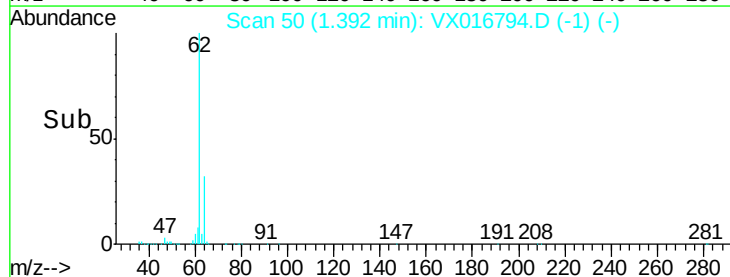
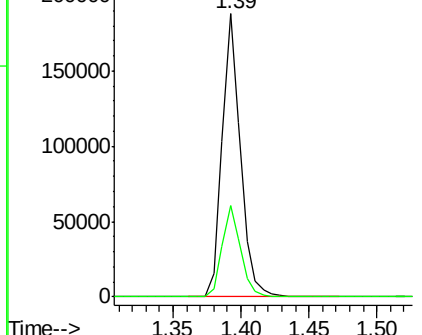
62 100

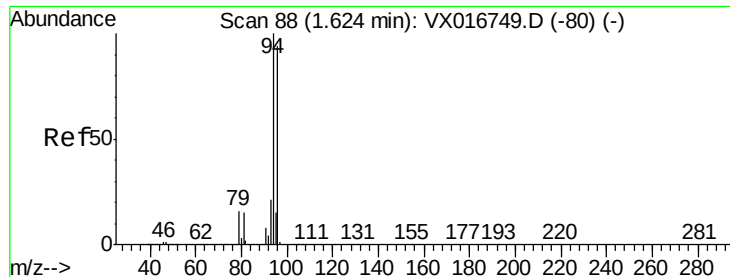
64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.506 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 91961

Ion Ratio Lower Upper

94 100

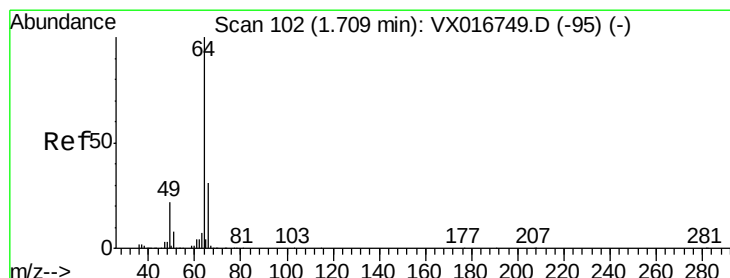
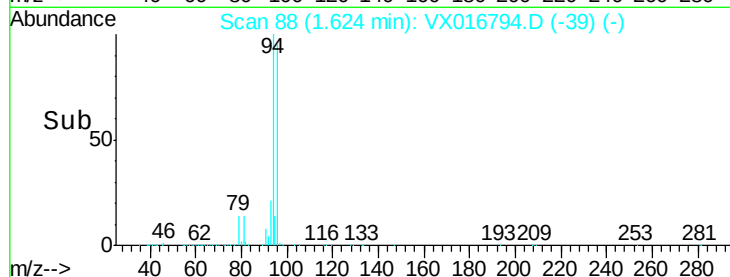
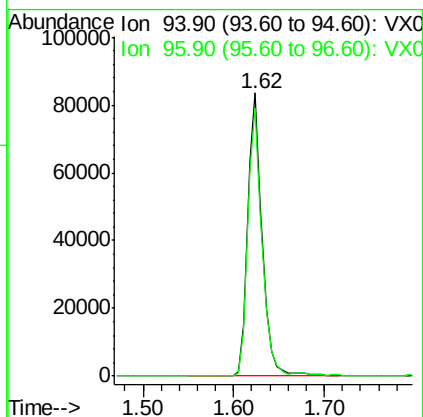
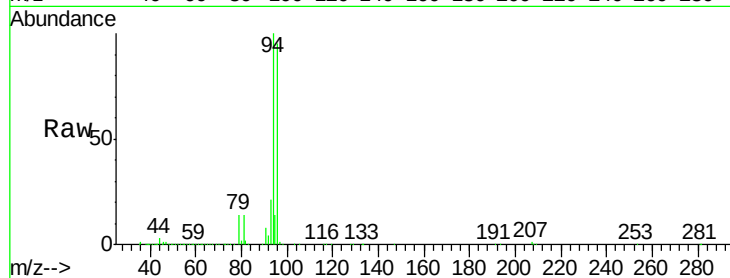
96 94.7 75.4 113.0

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#6

Chloroethane

Concen: 49.902 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016794.D

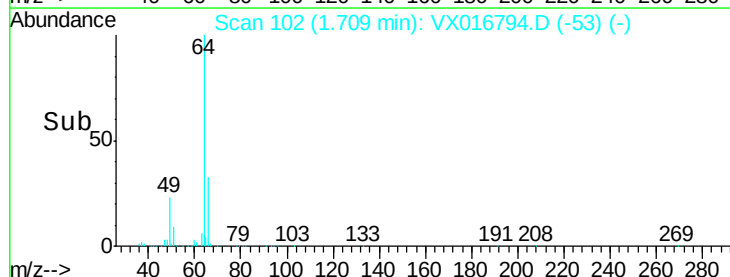
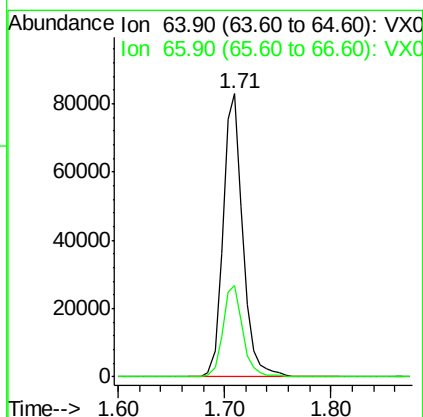
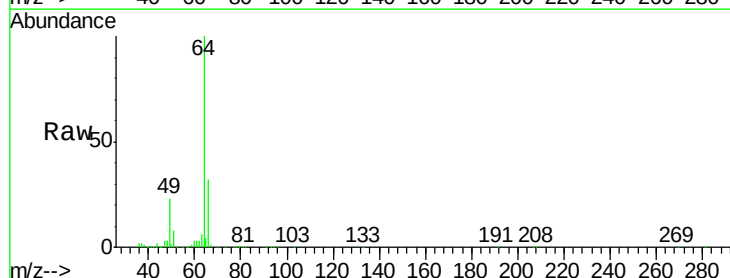
Acq: 16 Jun 2020 20:47

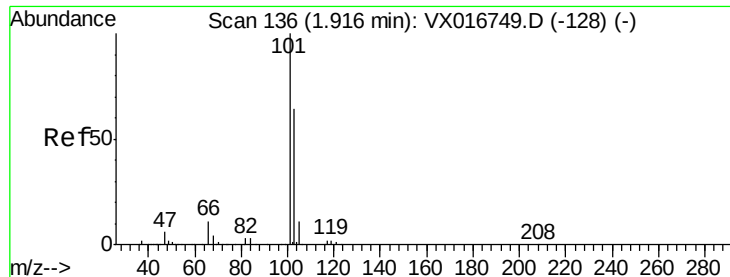
Tgt Ion: 64 Resp: 107083

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.6





#7

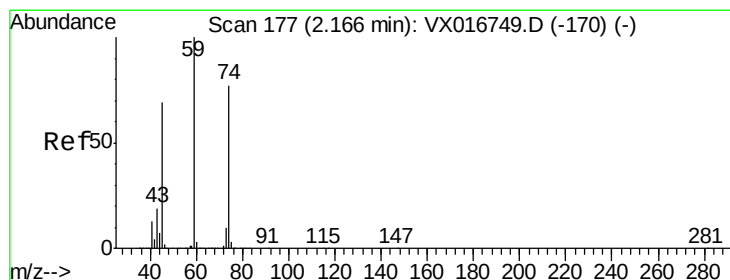
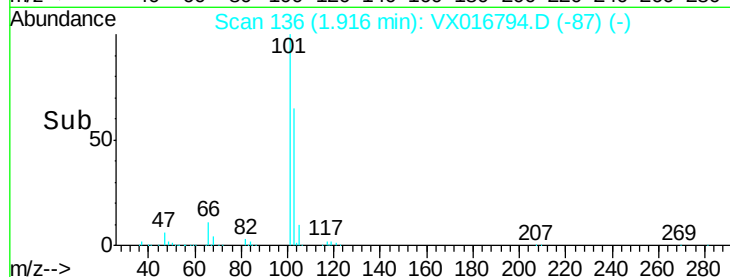
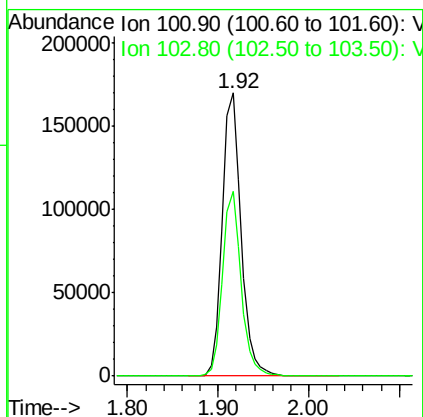
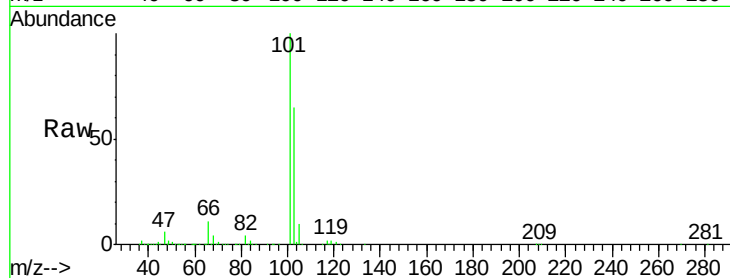
Trichlorofluoromethane
Concen: 49.176 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9

Manual Integrations
APPROVED

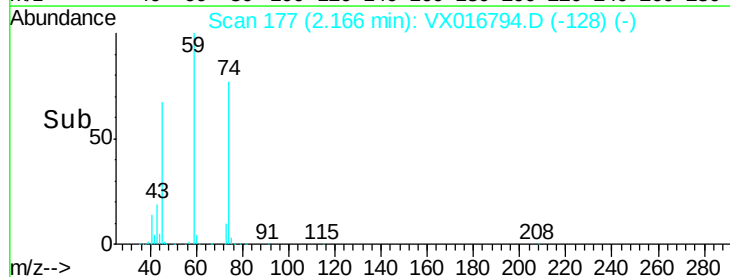
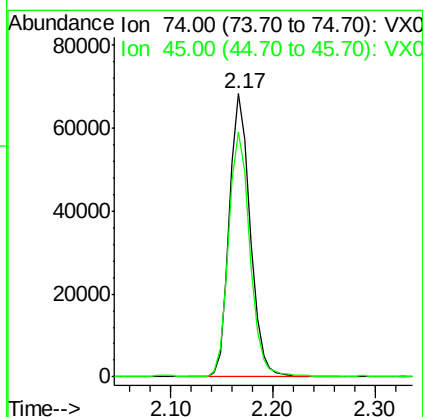
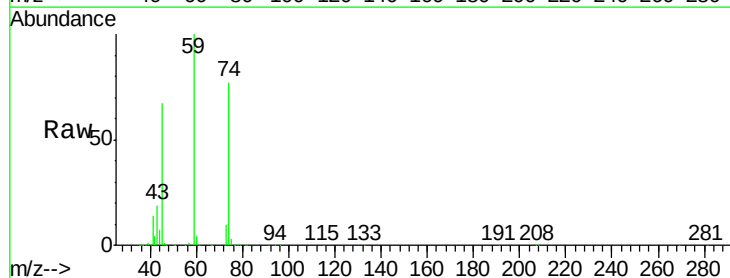
MMDadoda
6/17/2020 9:34:53 AM

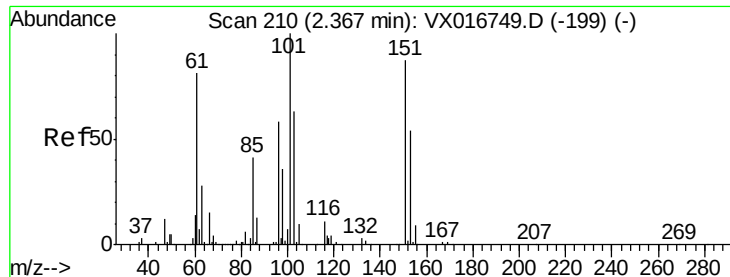


#8

Diethyl Ether
Concen: 47.019 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	43.5	130.7





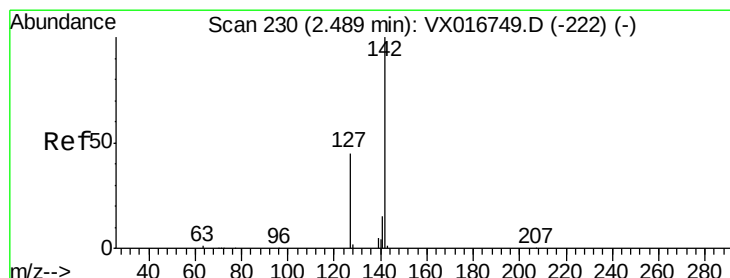
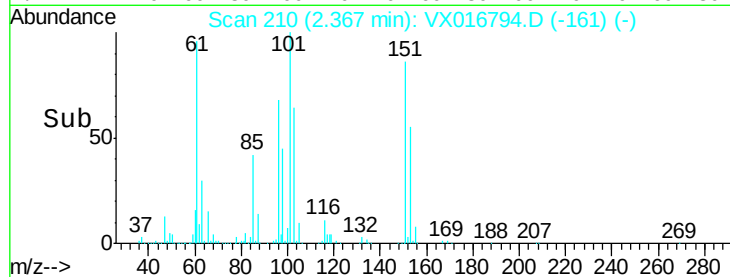
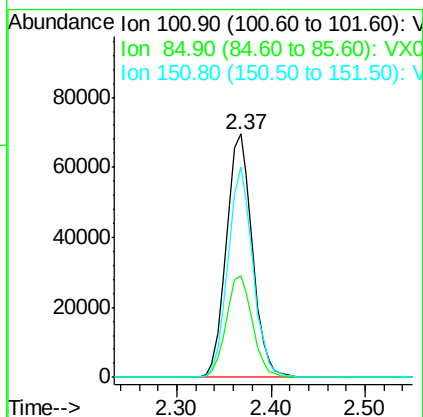
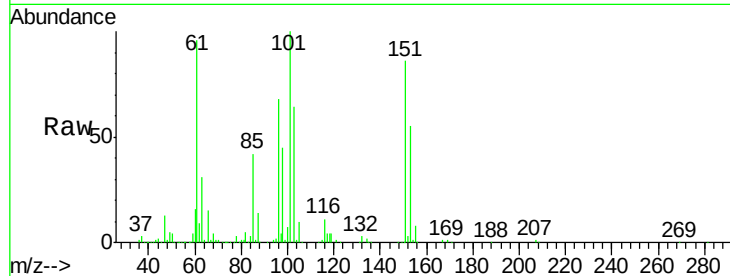
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.203 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.0	51.0
151	83.1	68.7	103.1

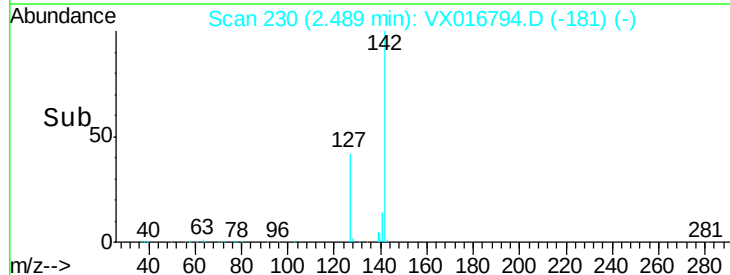
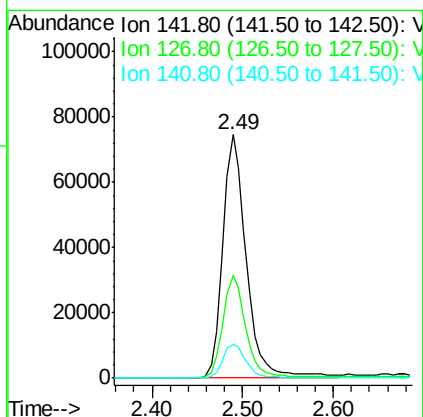
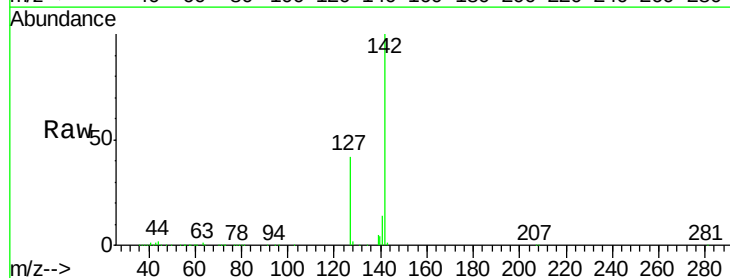
Manual Integrations
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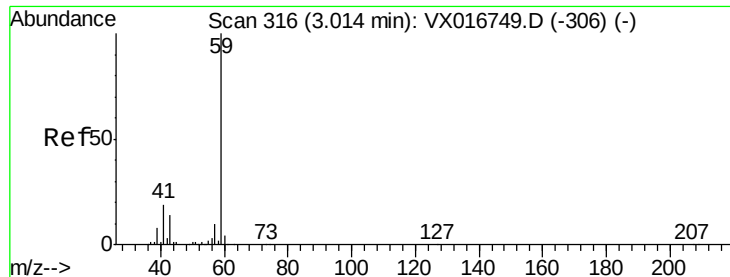
MMDadoda
6/17/2020 9:34:53 AM



#10
Methyl Iodide
Concen: 42.331 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.0	35.4	53.2
141	14.0	11.7	17.5





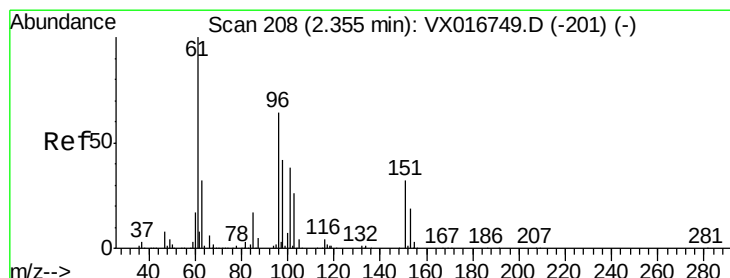
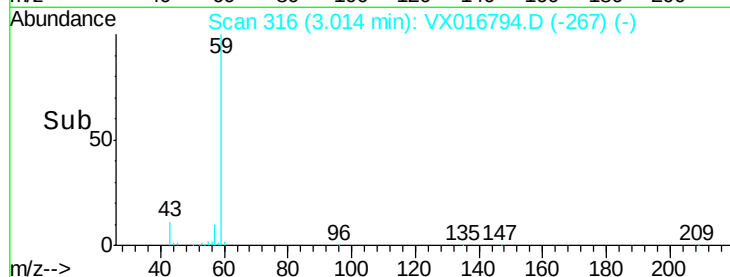
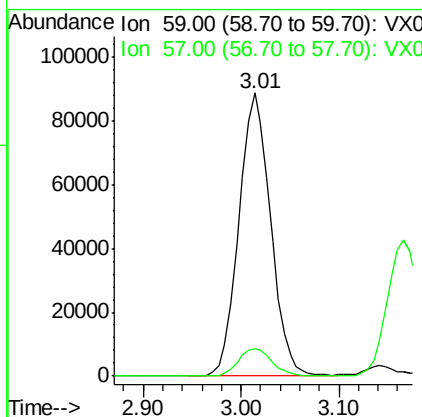
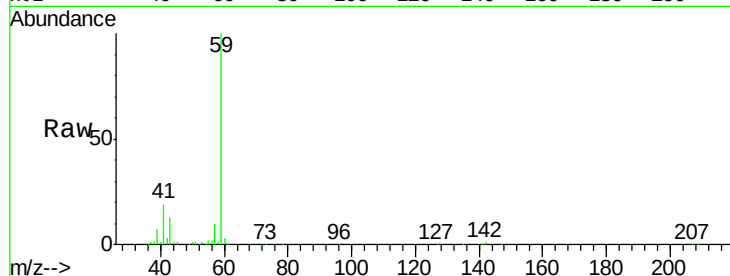
#11
Tert butyl alcohol
Concen: 236.977 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

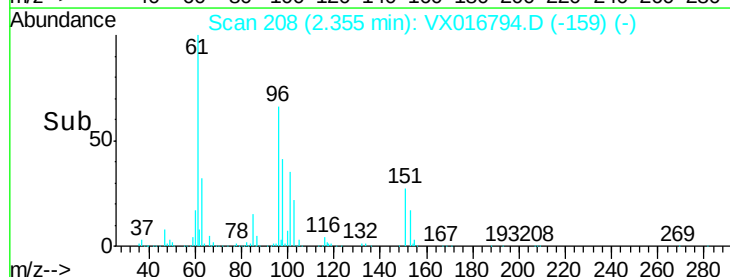
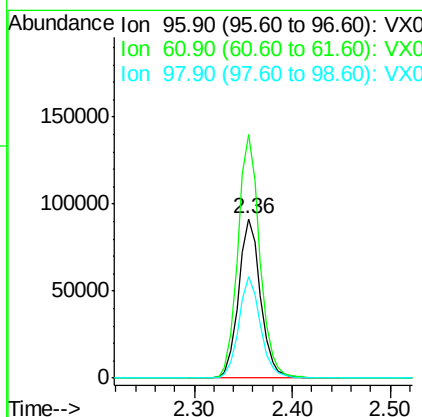
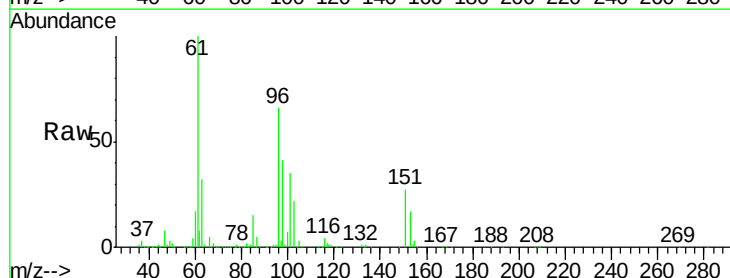
Manual Integrations
APPROVED

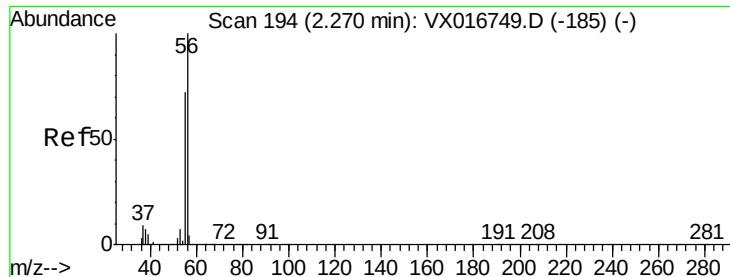
MMDadoda
6/17/2020 9:34:53 AM



#12
1,1-Dichloroethene
Concen: 48.936 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	124.1	186.1
98	63.2	52.7	79.1





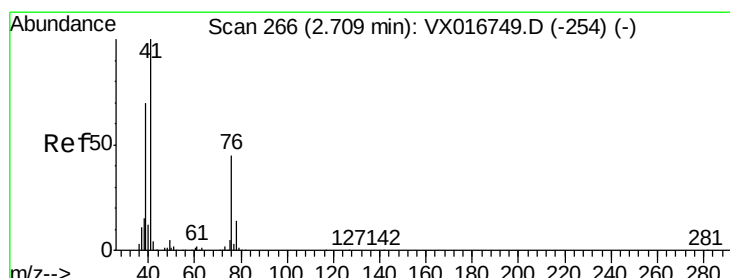
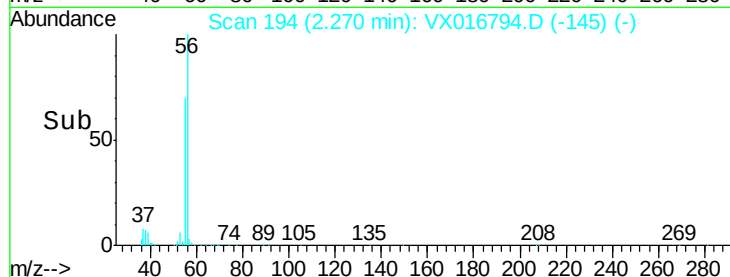
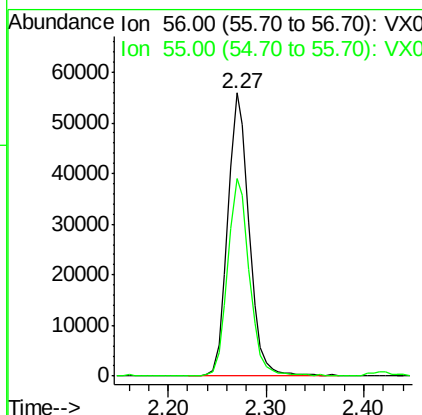
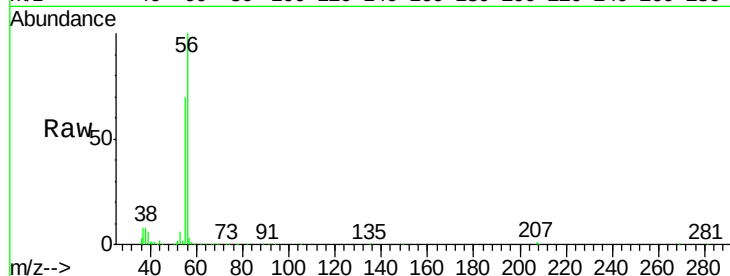
#13
Acrolein
Concen: 236.462 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	85042
Ion Ratio	100	Lower	Upper
55	70.3	58.2	87.4

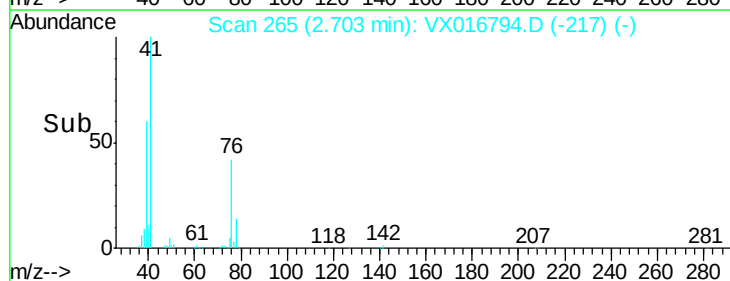
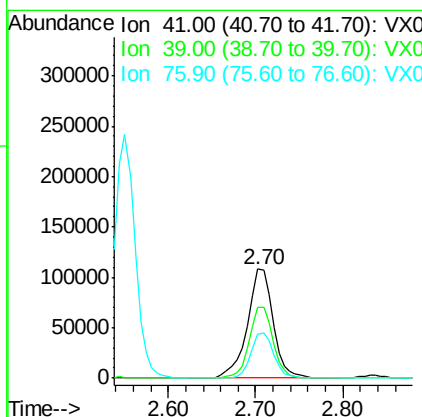
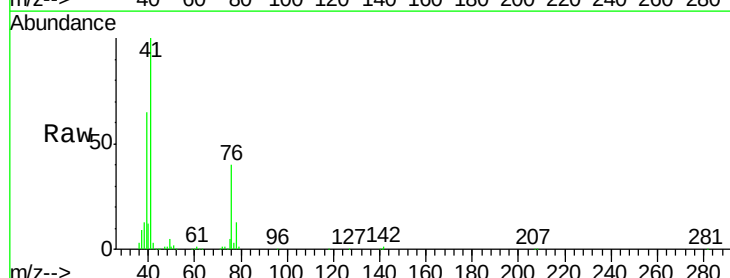
Manual Integrations
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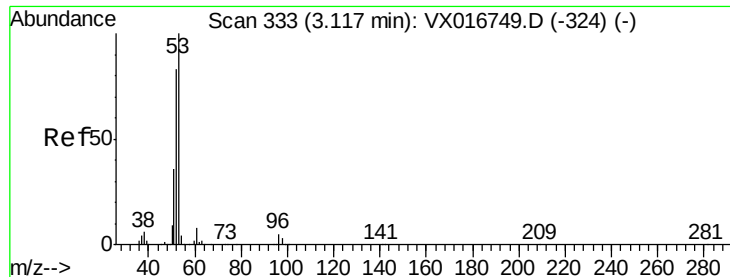
MMDadoda
6/17/2020 9:34:53 AM



#14
Allyl chloride
Concen: 48.282 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	41	Resp	220734
Ion Ratio	100	Lower	Upper
39	59.6	50.2	75.4
76	36.4	30.4	45.6





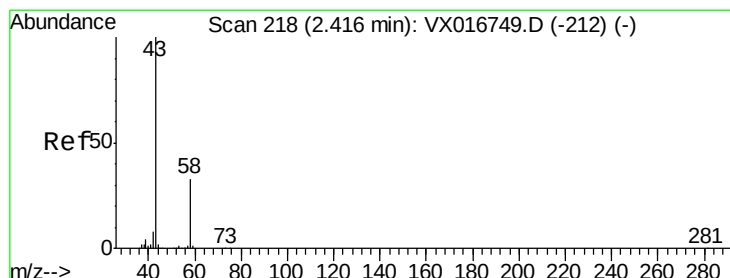
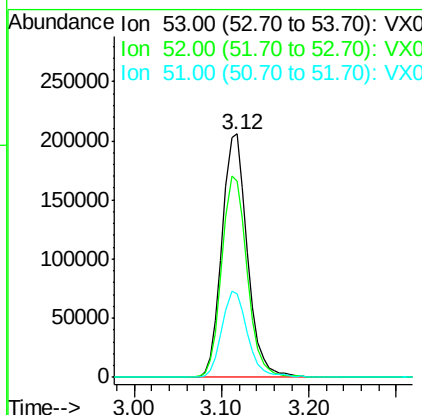
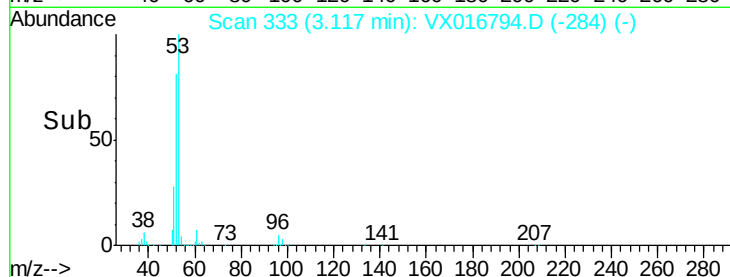
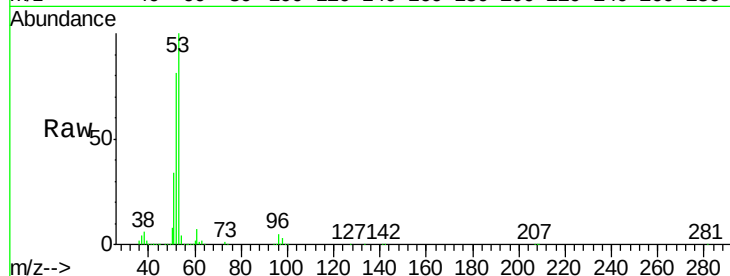
#15
 Acrylonitrile
 Concen: 243.014 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	416732
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.5	98.3
51	35.9	28.6	42.8

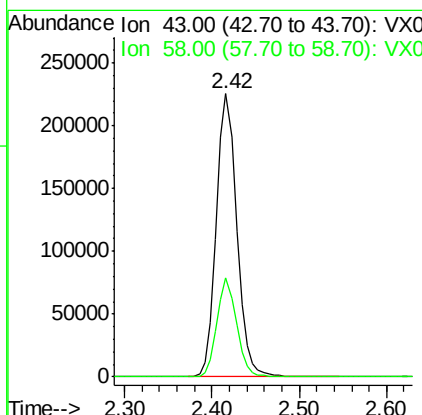
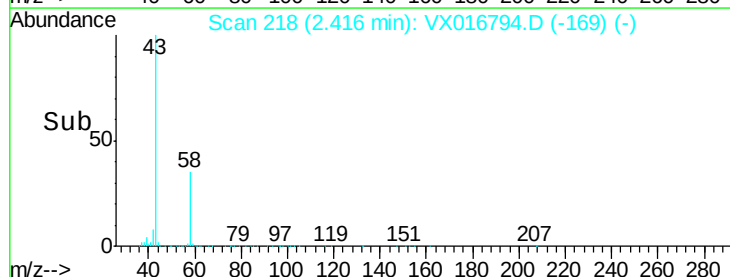
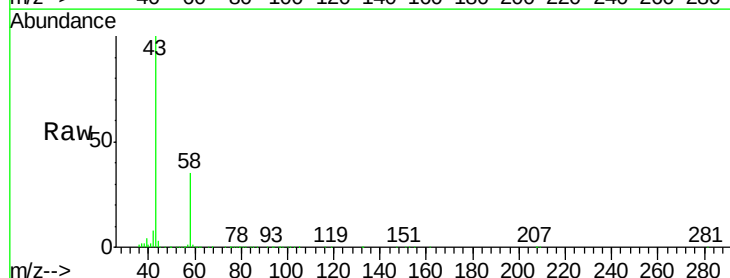
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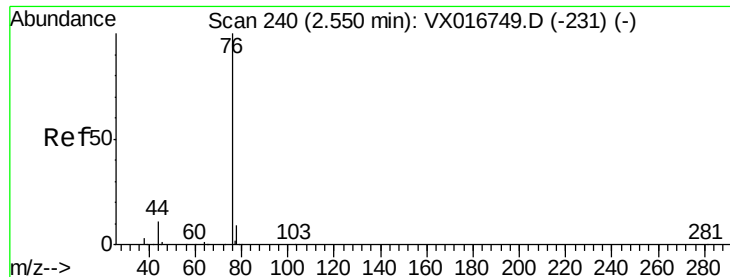
MMDadoda
 6/17/2020 9:34:53 AM



#16
 Acetone
 Concen: 239.588 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	43	Resp	365593
Ion	Ratio	Lower	Upper
43	100		
58	34.8	26.3	39.5





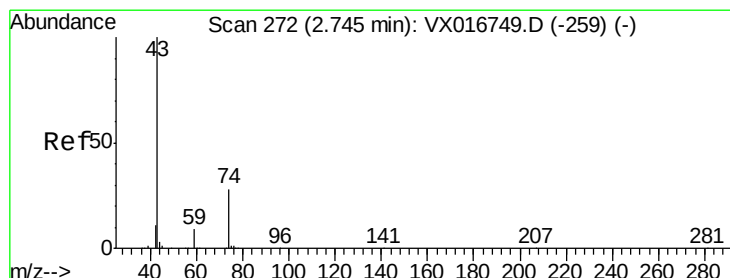
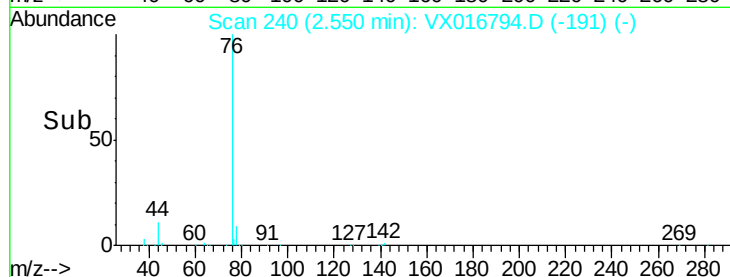
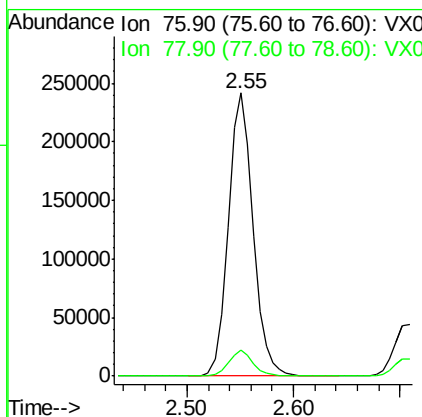
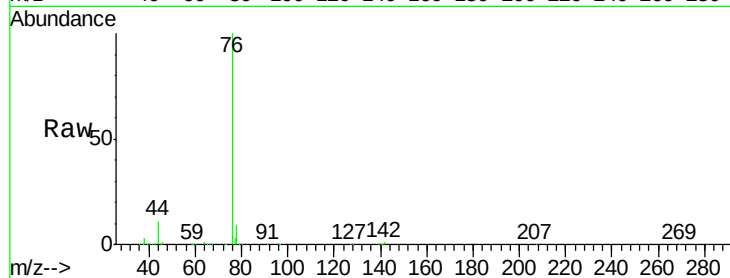
#17
Carbon Disulfide
Concen: 46.891 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

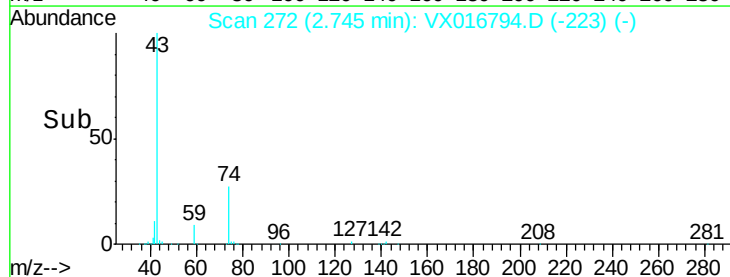
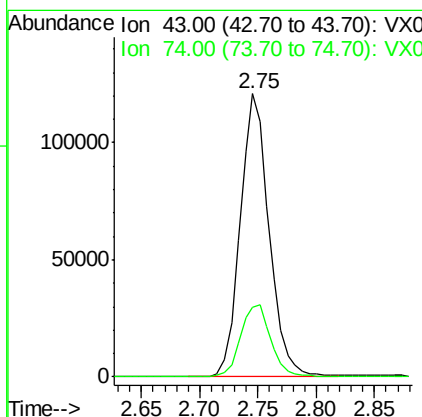
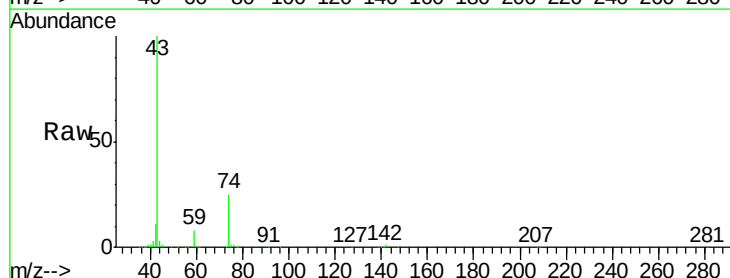
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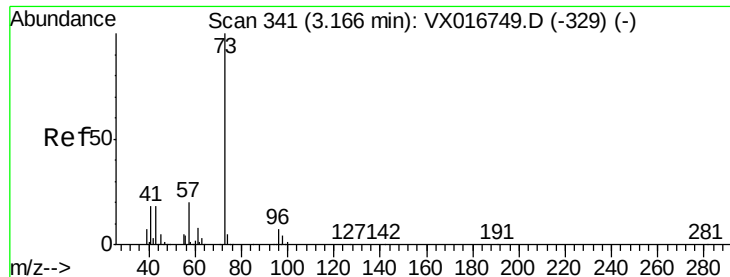
MMDadoda
6/17/2020 9:34:53 AM



#18
Methyl Acetate
Concen: 51.195 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	22.4	33.6





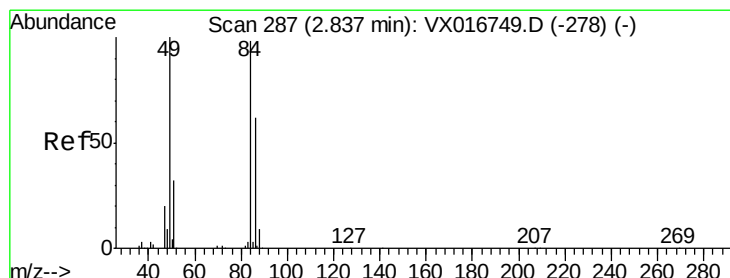
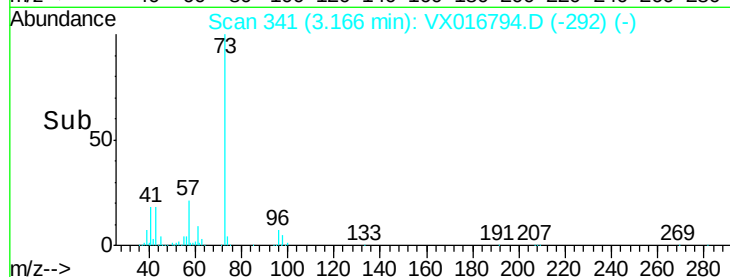
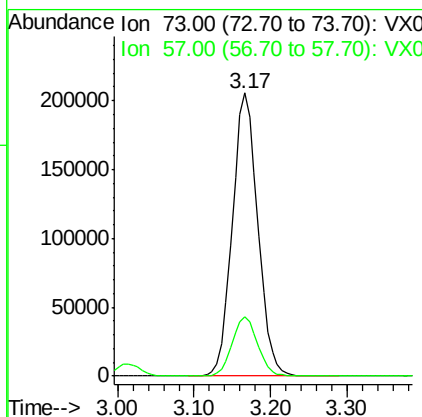
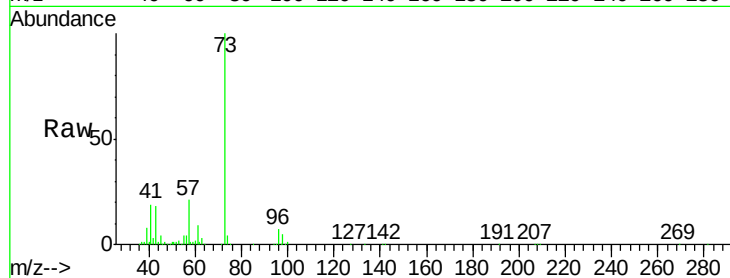
#19
Methyl tert-butyl Ether
Concen: 47.526 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4

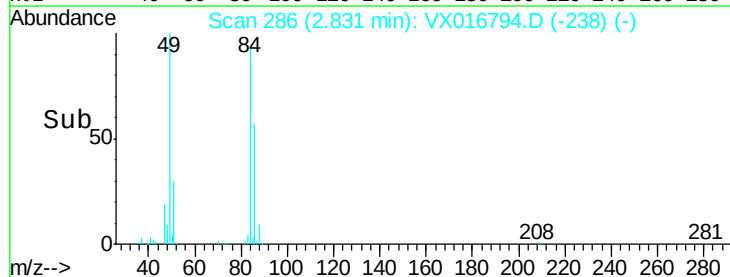
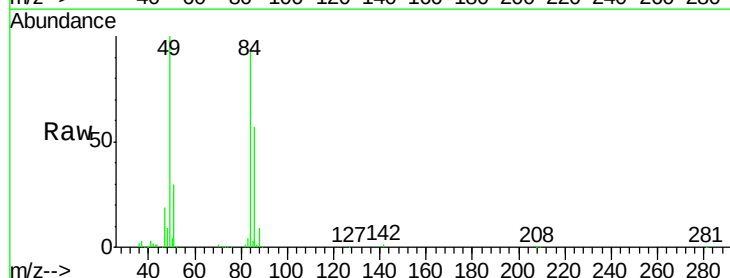
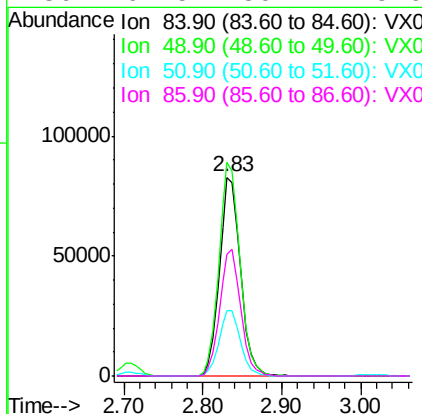
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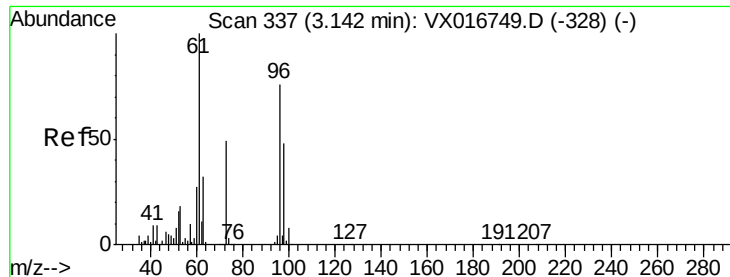
MMDadoda
6/17/2020 9:34:53 AM



#20
Methylene Chloride
Concen: 46.595 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.5	81.8	122.8
51	32.7	25.8	38.8
86	61.5	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 49.290 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

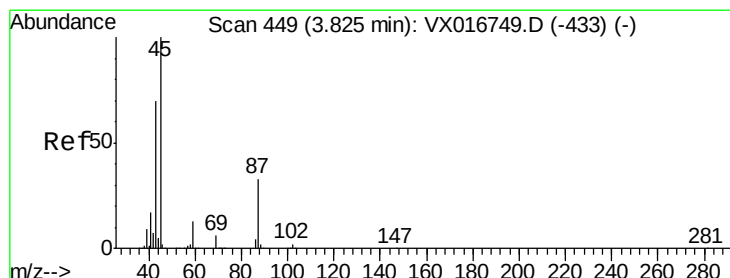
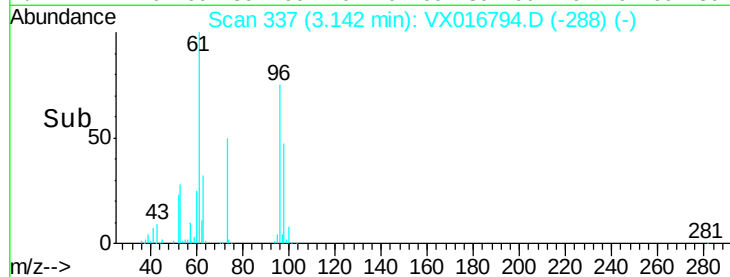
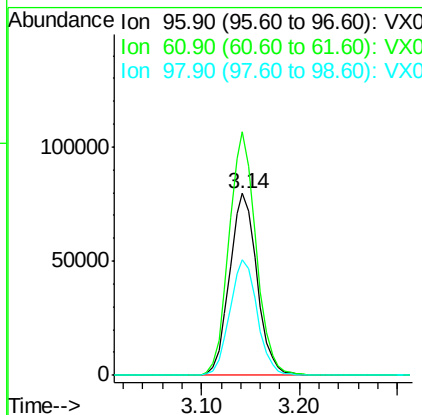
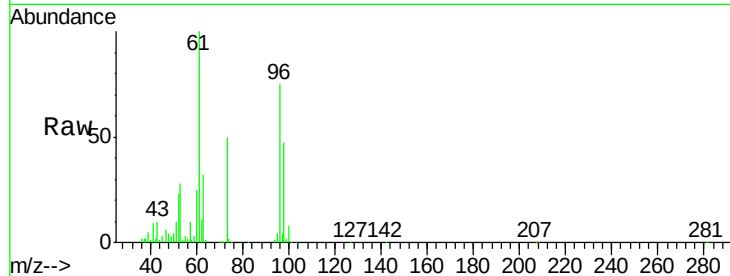
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	154827
Ion Ratio	Lower	Upper	
96	100		
61	134.1	105.4	158.2
98	63.6	50.8	76.2

Manual Integrations
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6/17/2020 9:34:53 AM



#22

Diisopropyl ether

Concen: 48.595 ug/l

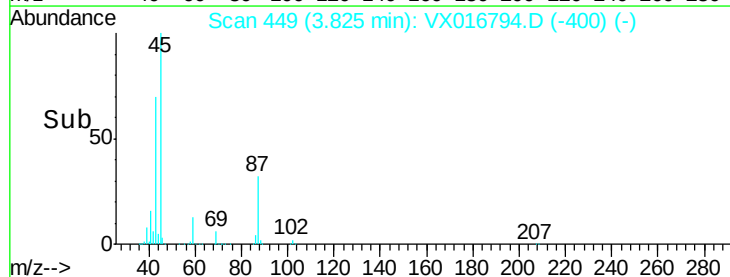
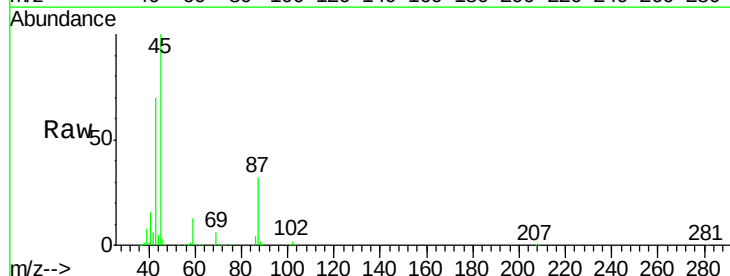
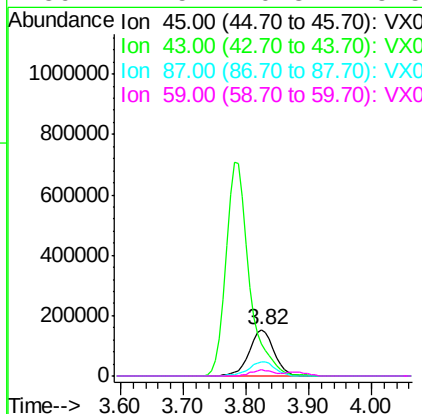
RT: 3.82 min Scan# 449

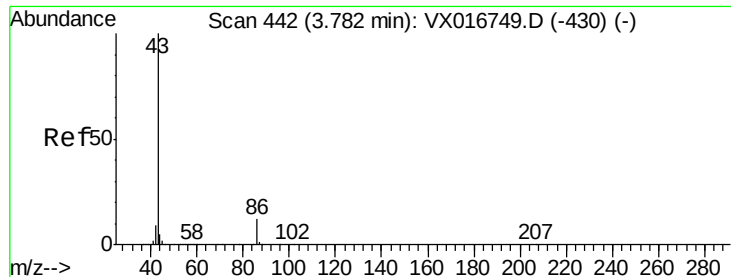
Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion:	45	Resp:	417298
Ion Ratio	Lower	Upper	
45	100		
43	69.6	56.2	84.4
87	31.7	26.2	39.4
59	12.5	10.3	15.5





#23

Vinyl Acetate

Concen: 245.154 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1819592

Ion Ratio Lower Upper

43 100

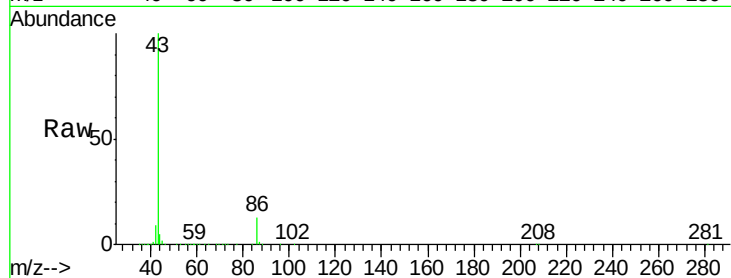
86 12.5 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

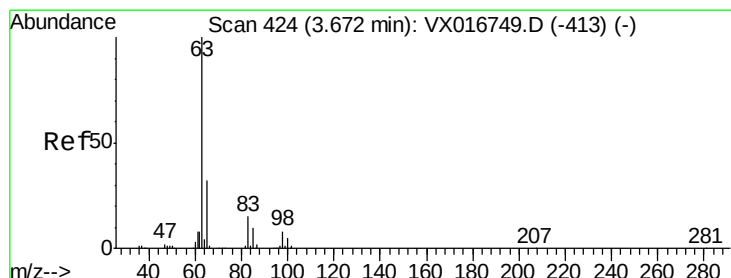
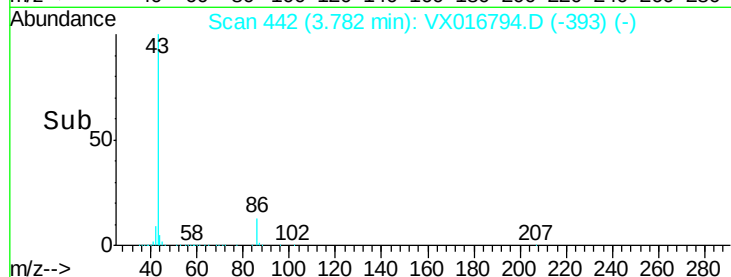
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.708 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

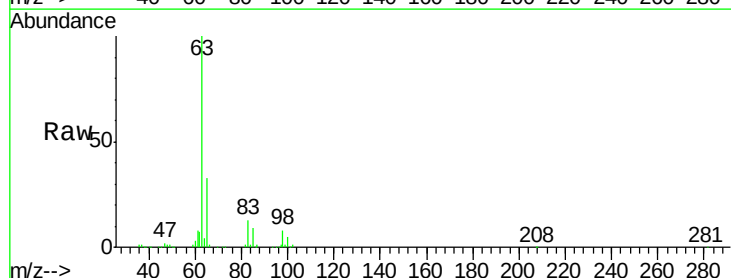
Tgt Ion: 63 Resp: 256239

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 5.0 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

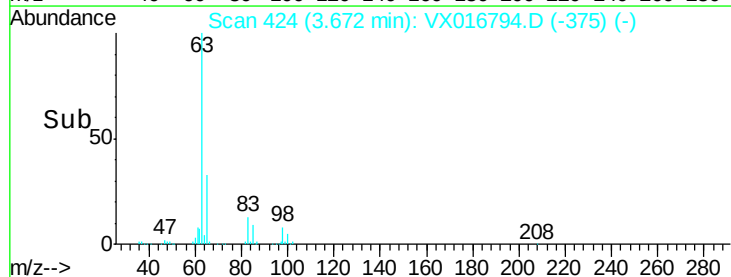
3.67

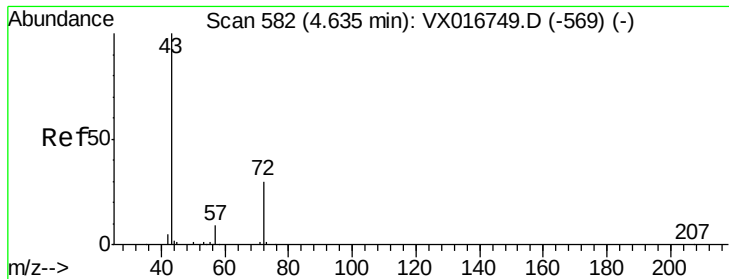
100000

50000

0

Time-->





#25

2-Butanone

Concen: 246.512 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tot Ion: 43 Resp: 566908

Ion Ratio Lower Upper

43 100

72 29.4 24.2 36.4

Instrument :

MSVOA_X

ClientSampleId :

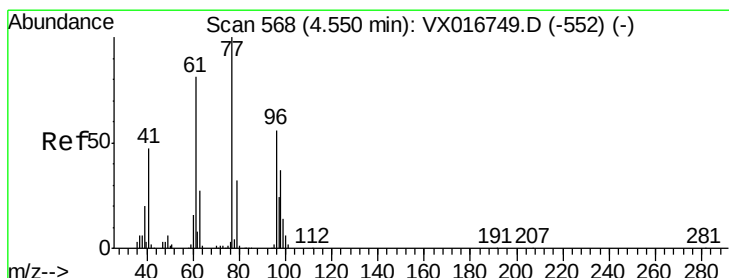
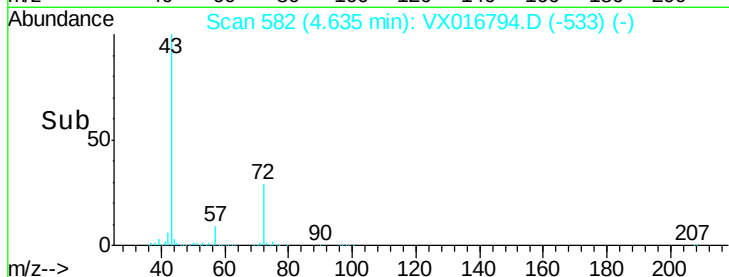
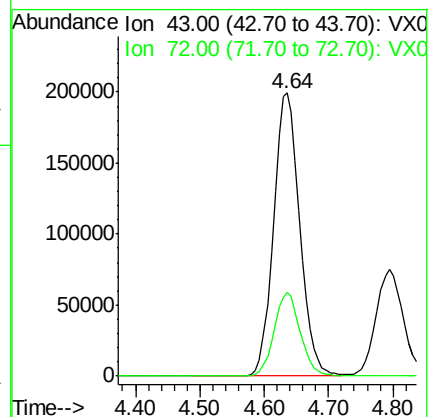
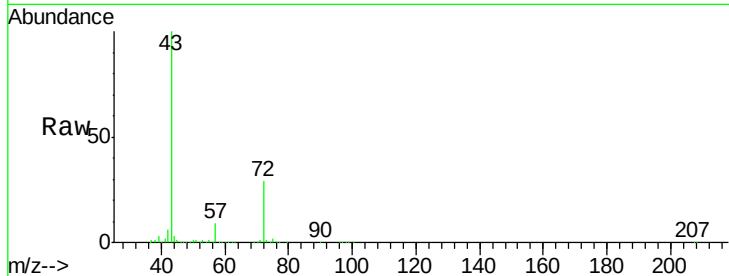
VSTDCCC050EC

Manual Integrations

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6/17/2020 9:34:53 AM



#26

2,2-Dichloropropane

Concen: 42.713 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016794.D

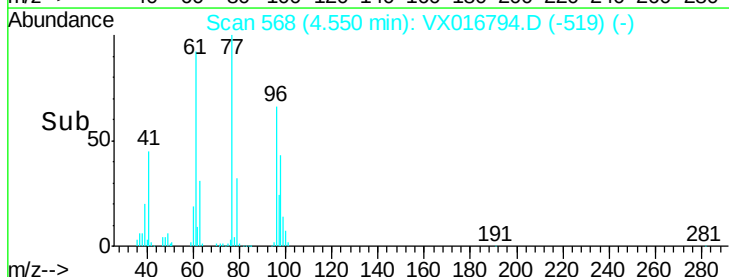
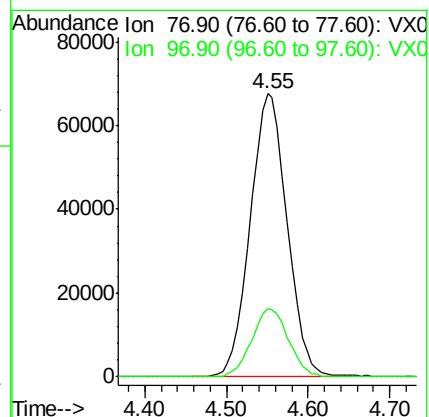
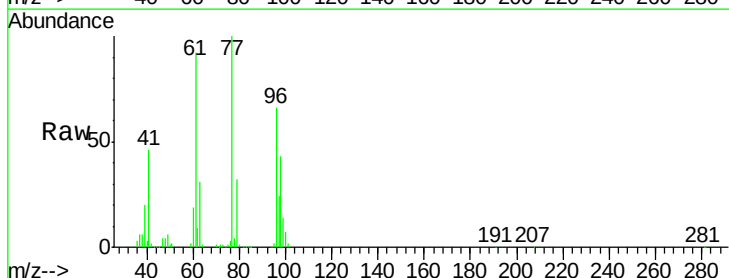
Acq: 16 Jun 2020 20:47

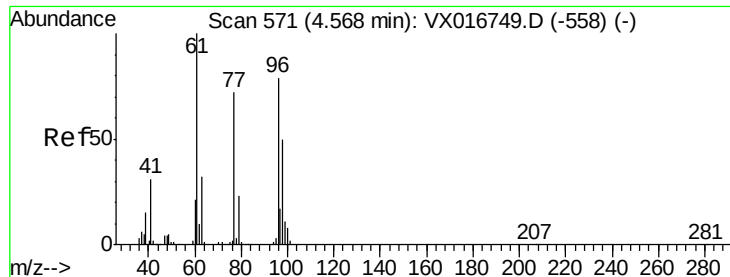
Tgt Ion: 77 Resp: 212424

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4





#27

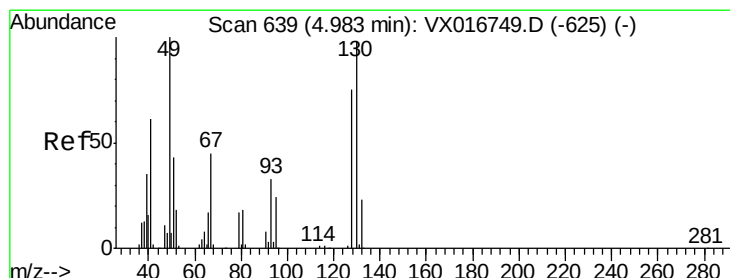
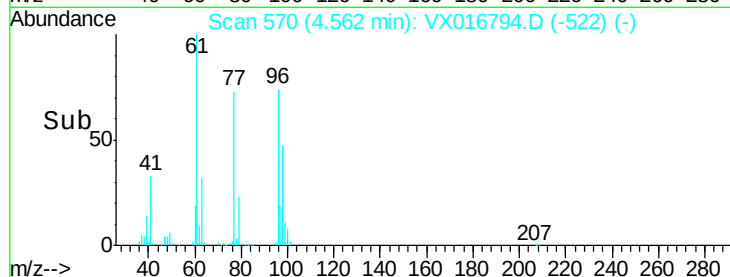
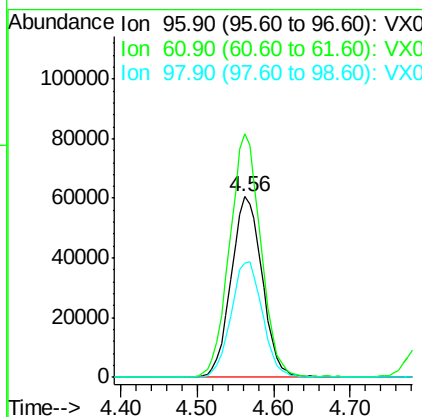
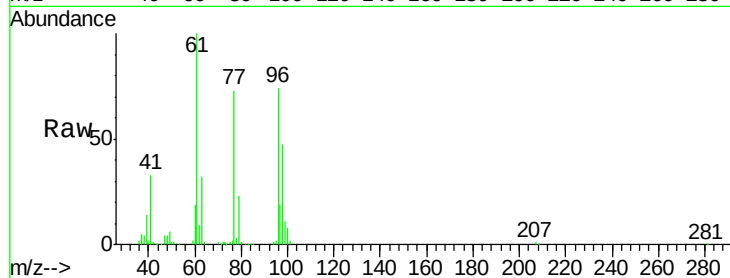
cis-1,2-Dichloroethene
Concen: 47.460 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170392		
61	136.1	0.0	276.2	
98	64.7	0.0	130.0	

Manual Integrations
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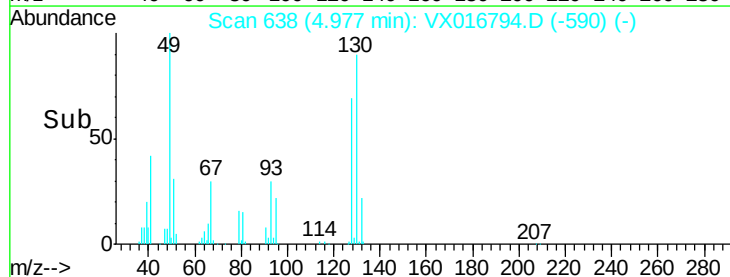
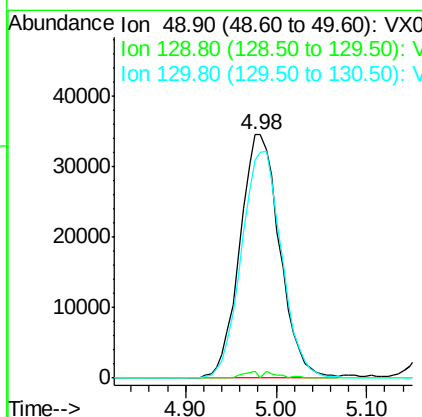
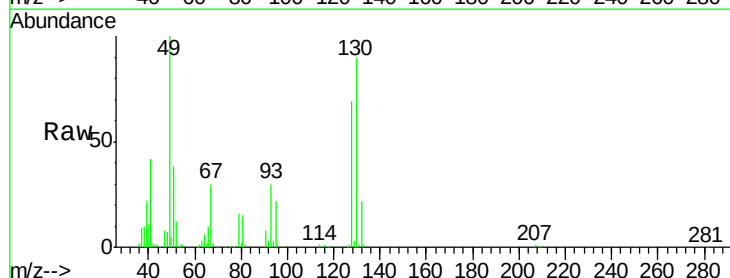
MMDadoda
6/17/2020 9:34:53 AM

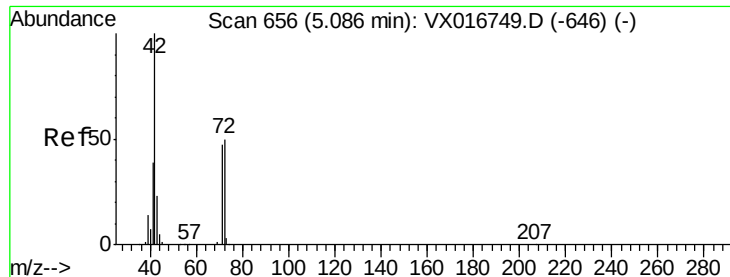


#28

Bromochloromethane
Concen: 45.782 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	104893		
129	1.1	0.0	2.8	
130	0.0	76.0	114.0	





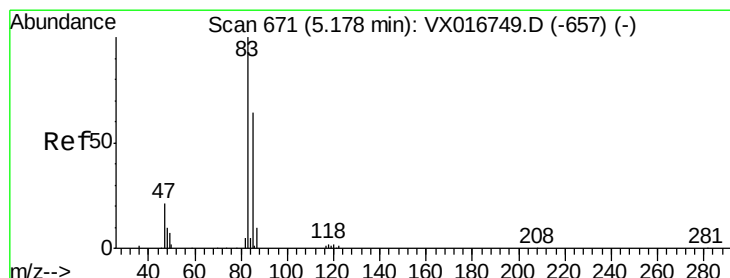
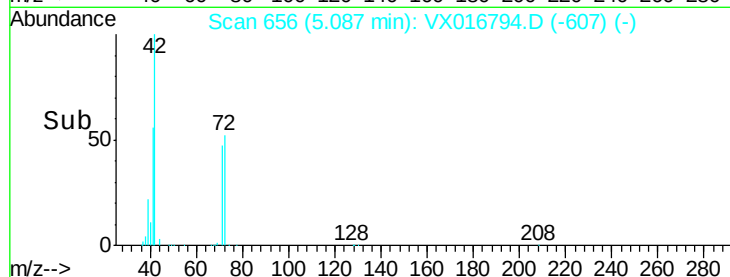
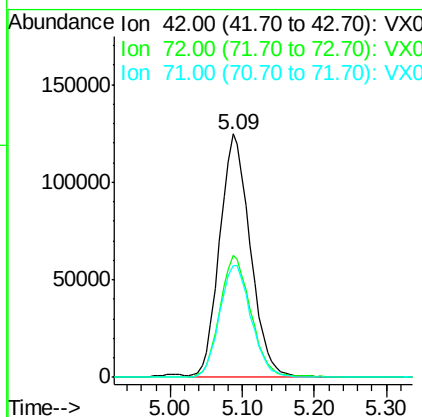
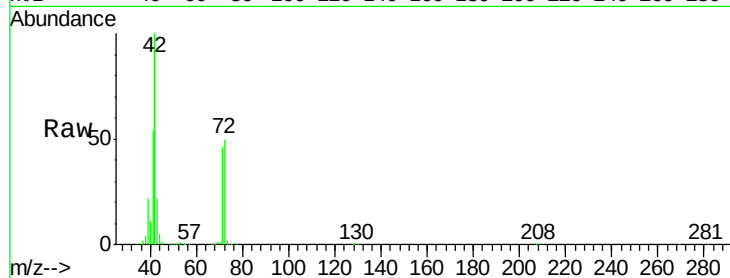
#29
Tetrahydrofuran
Concen: 247.019 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	41.0	61.6
71	47.6	38.2	57.4

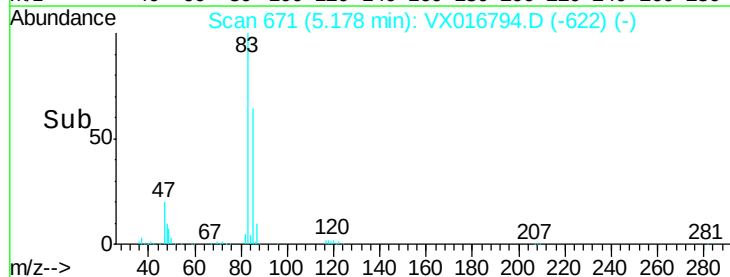
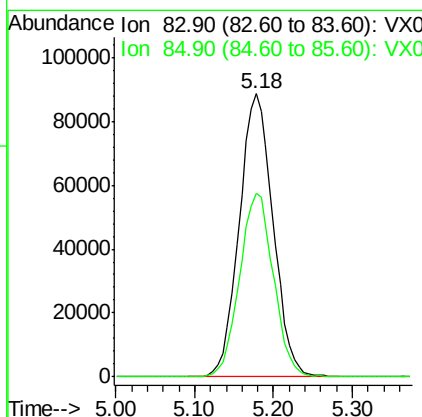
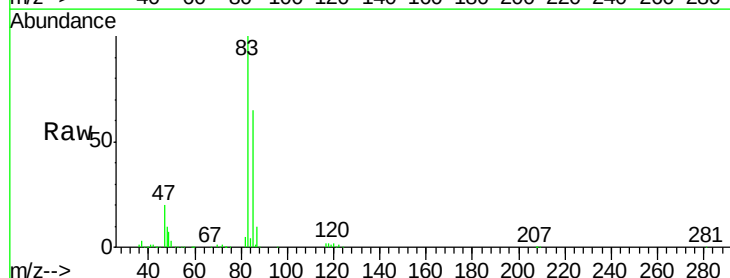
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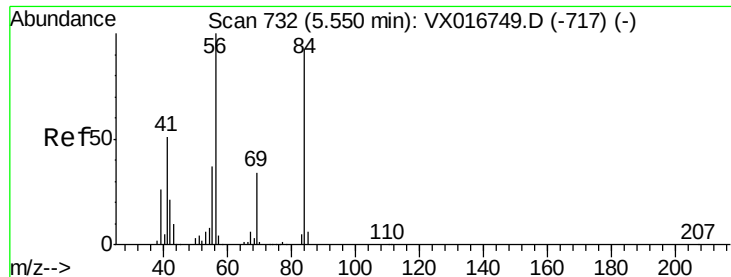
MMDadoda
6/17/2020 9:34:53 AM



#30
Chloroform
Concen: 46.492 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.8	76.2





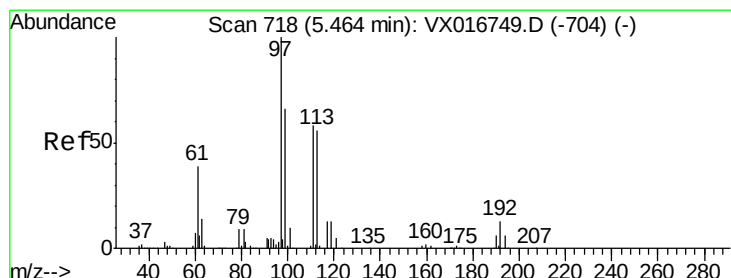
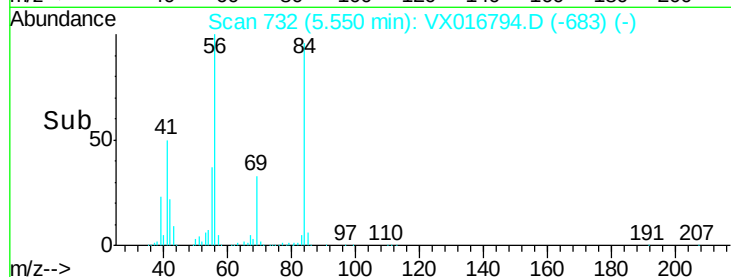
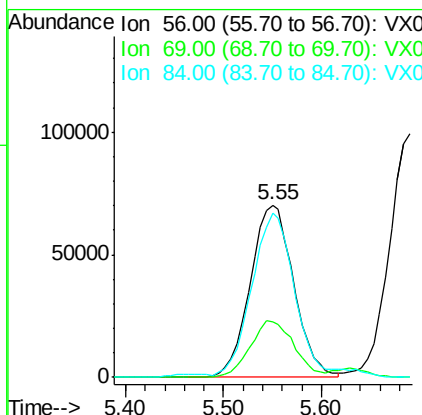
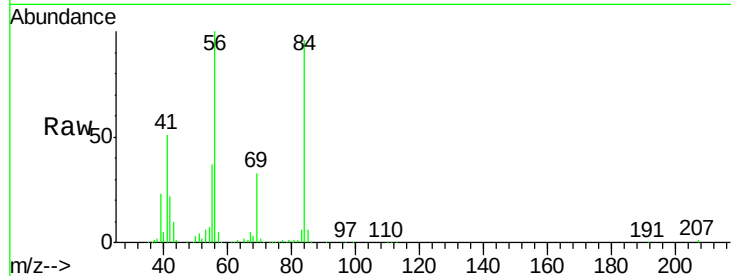
#31
Cyclohexane
Concen: 50.103 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	27.1	40.7
84	93.9	74.0	111.0

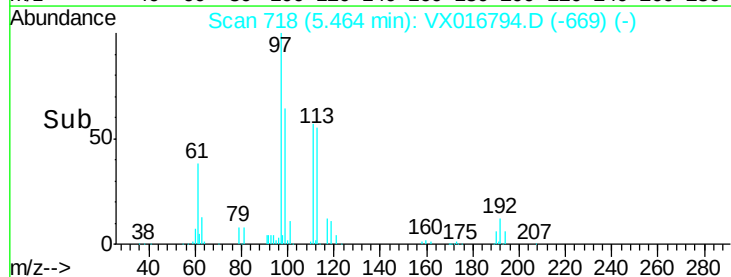
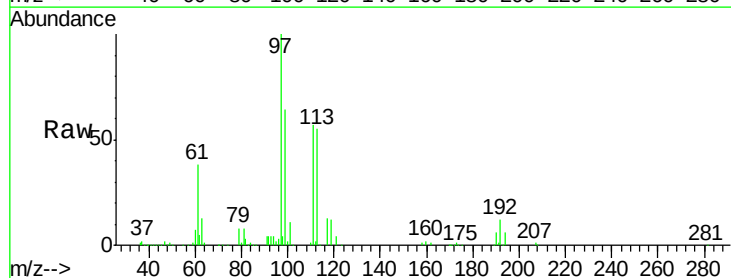
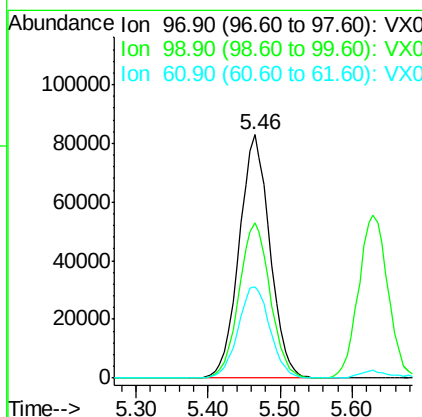
Manual Integrations
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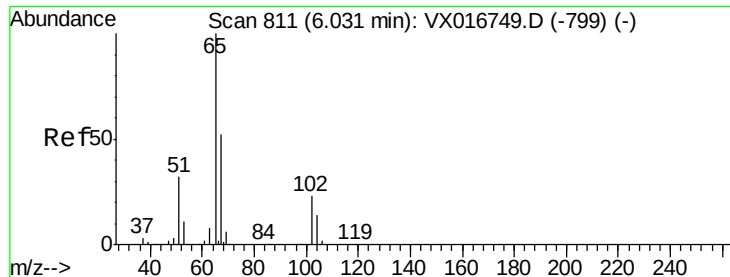
MMDadoda
6/17/2020 9:34:53 AM



#32
1,1,1-Trichloroethane
Concen: 47.649 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	39.0	31.3	46.9





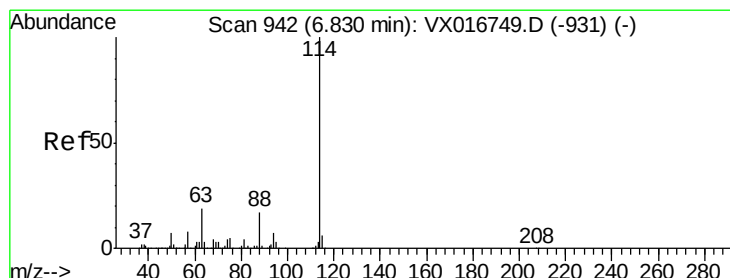
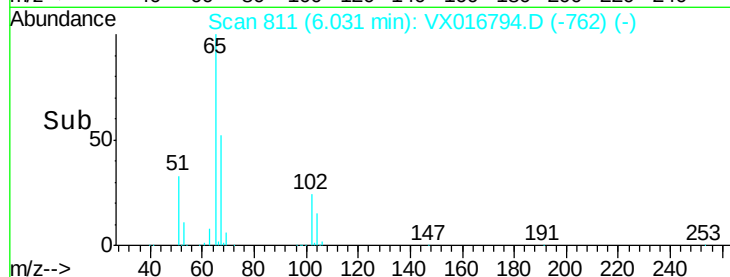
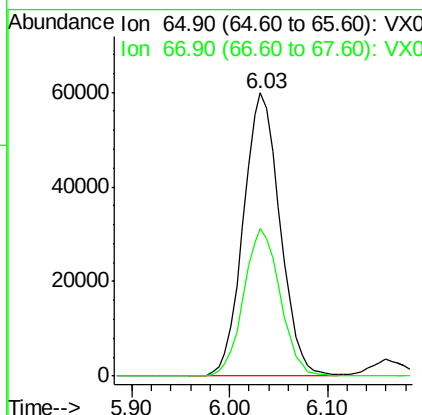
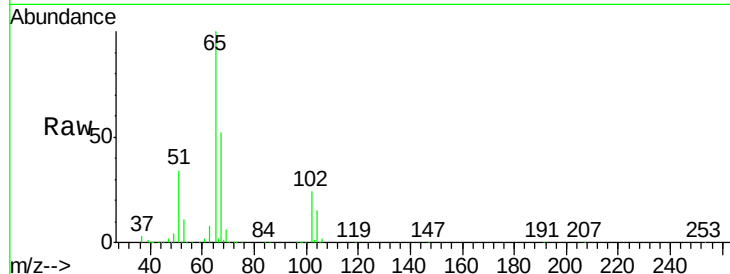
#33
 1,2-Dichloroethane-d4
 Concen: 46.243 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155539		
67	51.9	0.0	103.0	

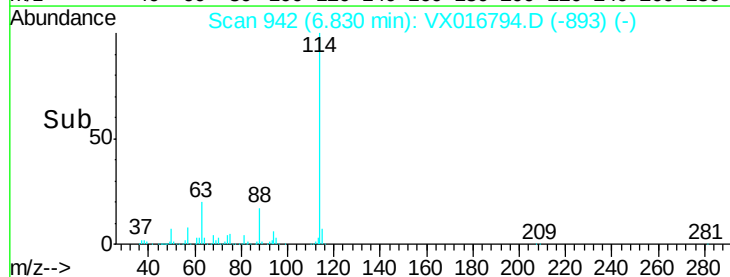
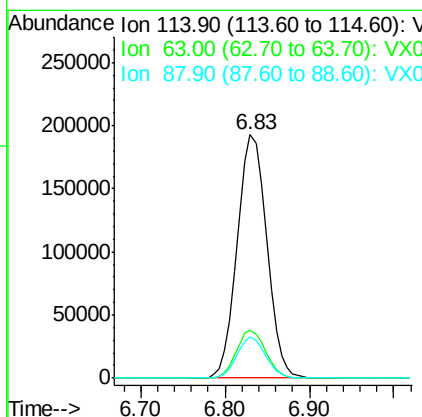
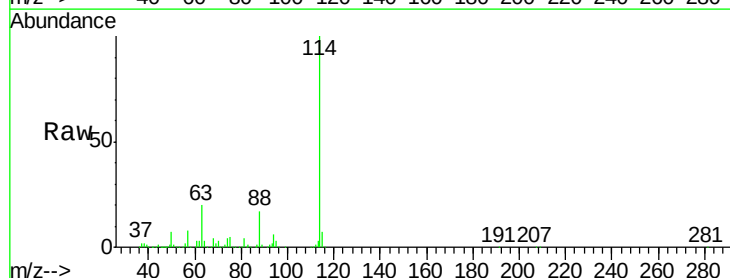
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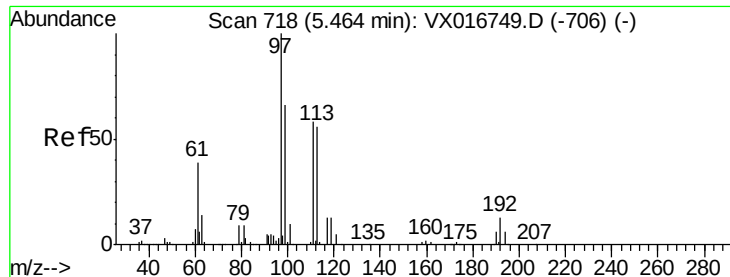
MMDadoda
 6/17/2020 9:34:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	457152		
63	19.7	0.0	38.8	
88	17.2	0.0	33.4	





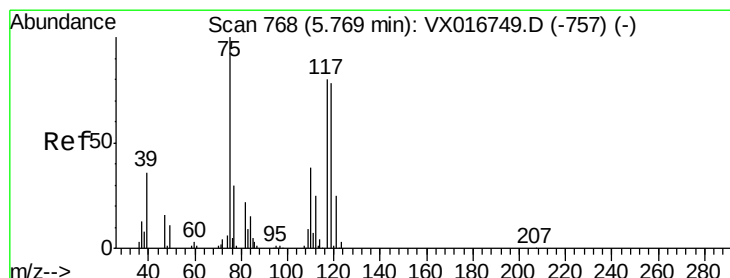
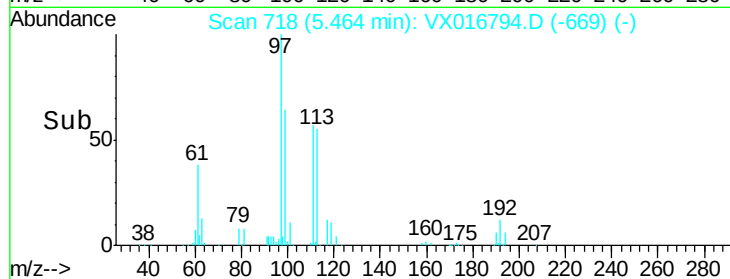
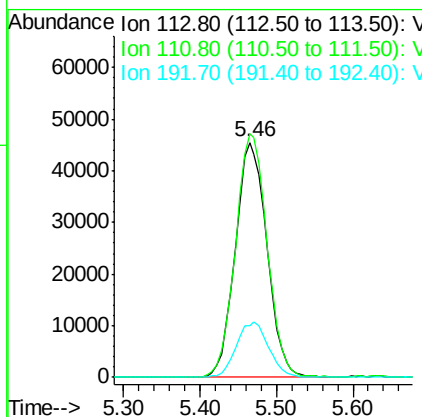
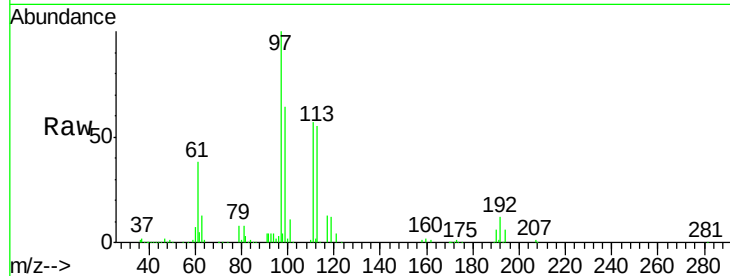
#35
 Dibromofluoromethane
 Concen: 46.244 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	23.9	18.2	27.4

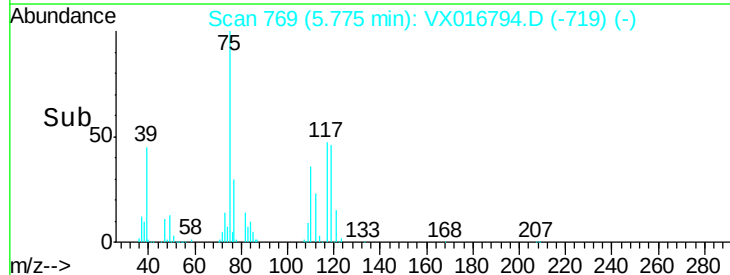
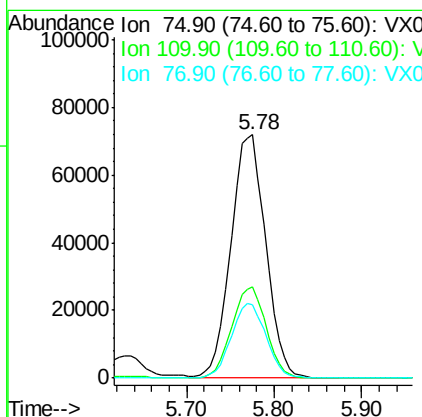
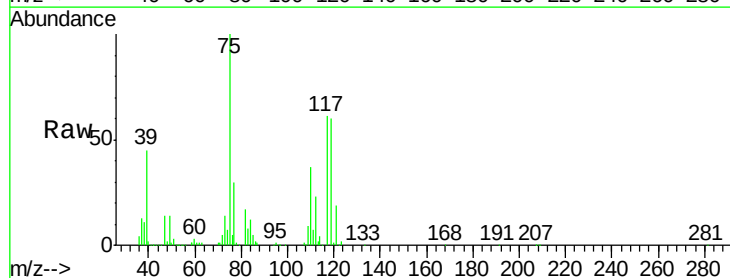
Manual Integrations
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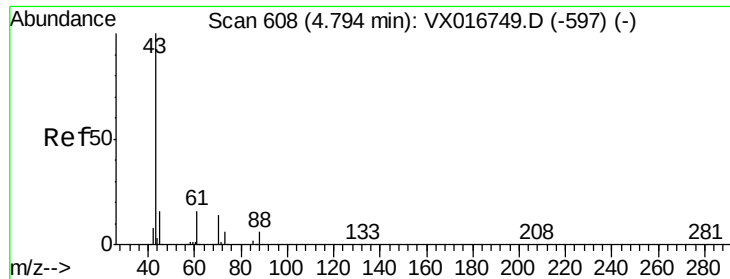
MMDadoda
 6/17/2020 9:34:53 AM



#36
 1,1-Dichloropropene
 Concen: 49.077 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.2
77	30.5	24.7	37.1





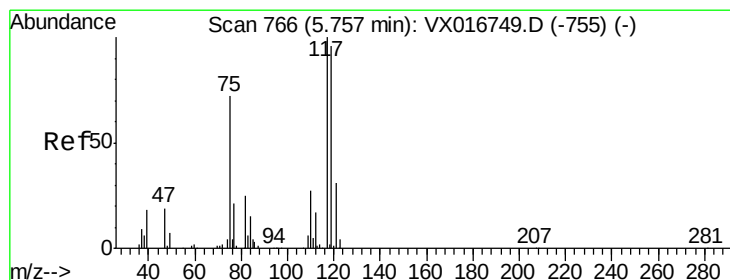
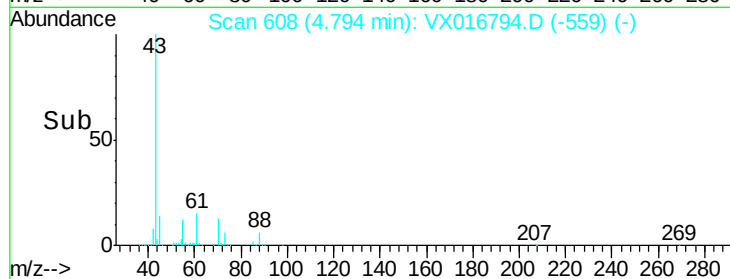
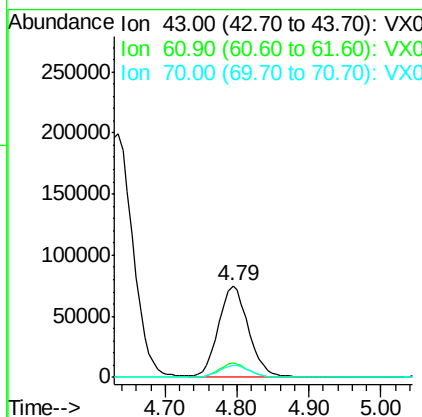
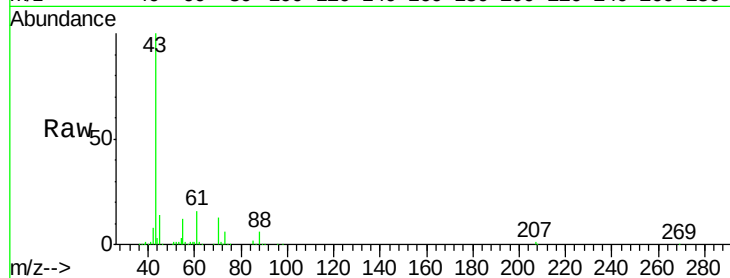
#37
Ethyl Acetate
Concen: 49.306 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	13.1	10.8	16.2

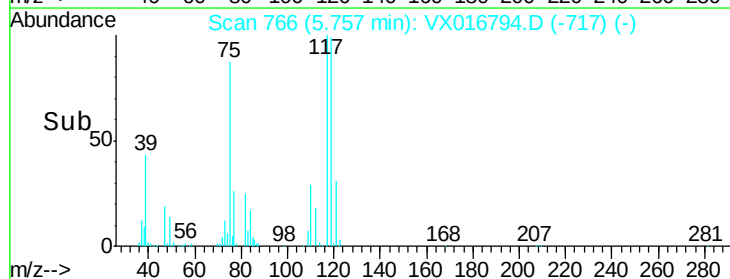
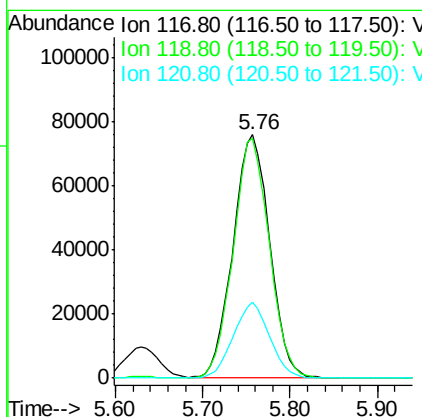
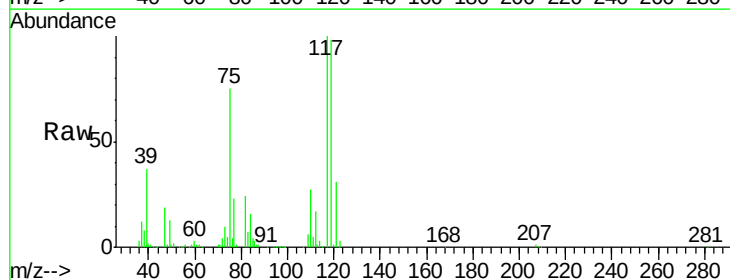
Manual Integrations
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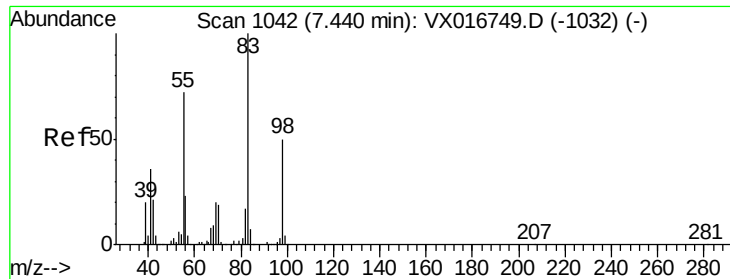
MMDadoda
6/17/2020 9:34:53 AM



#38
Carbon Tetrachloride
Concen: 48.410 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.7	115.1
121	31.1	24.7	37.1





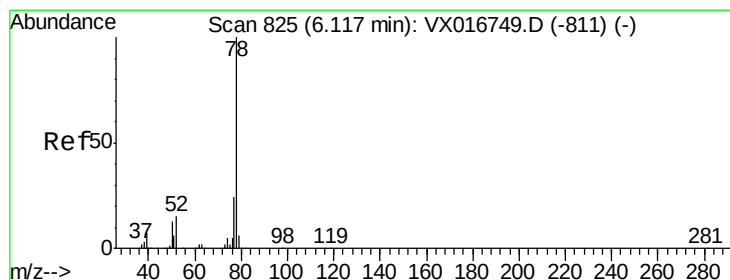
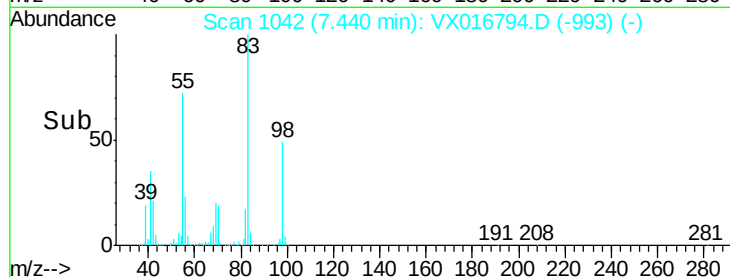
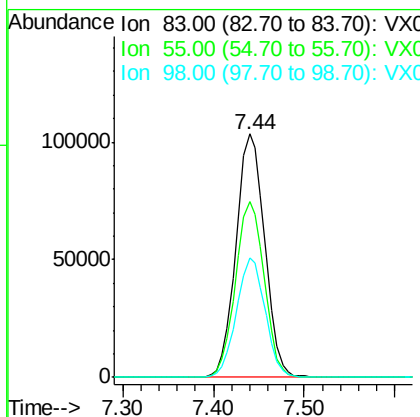
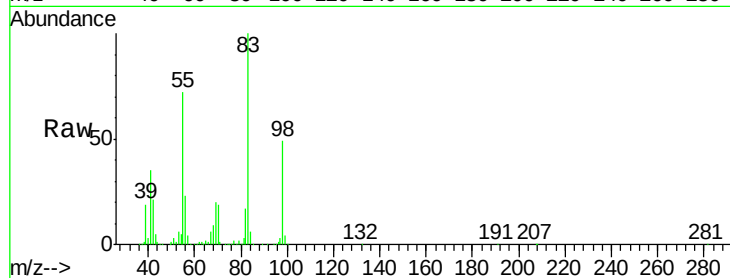
#39
Methylvlcyclohexane
Concen: 48.517 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.3	85.9
98	49.1	40.3	60.5

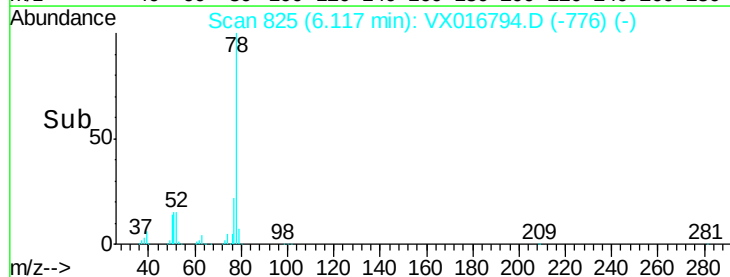
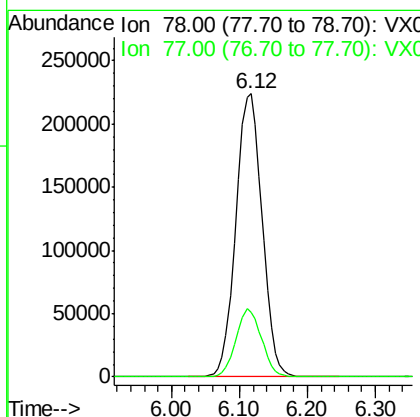
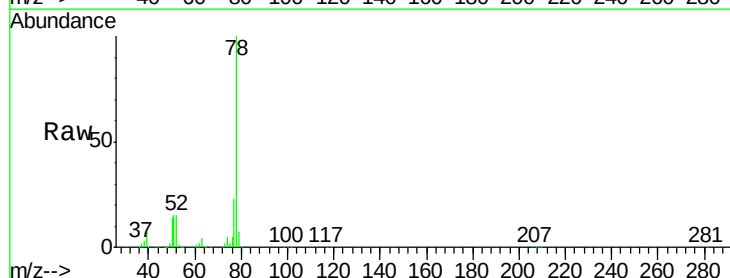
Manual Integrations
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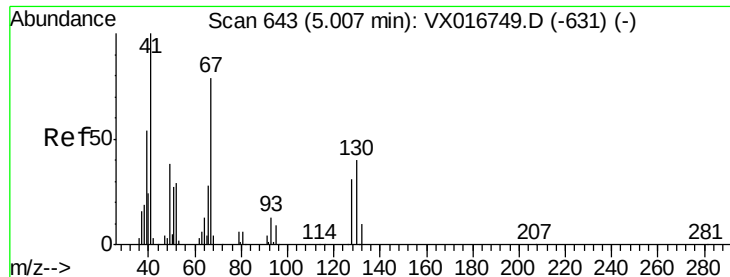
MMDadoda
6/17/2020 9:34:53 AM



#40
Benzene
Concen: 48.804 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





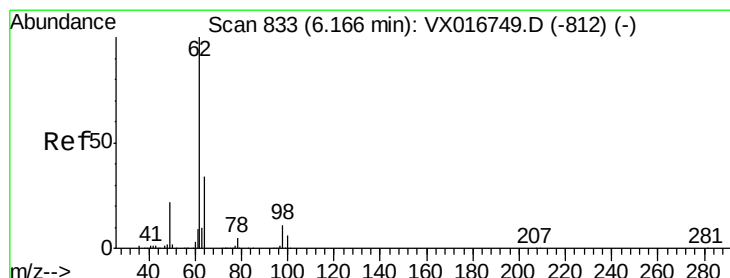
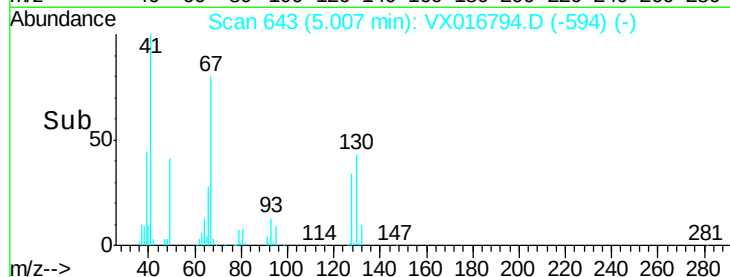
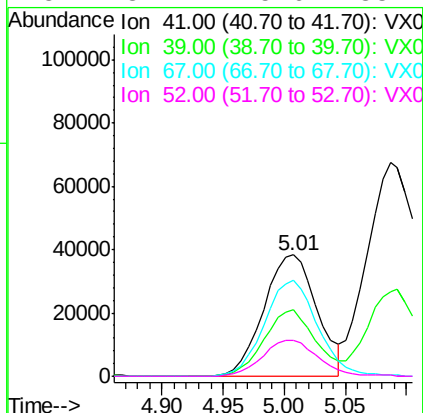
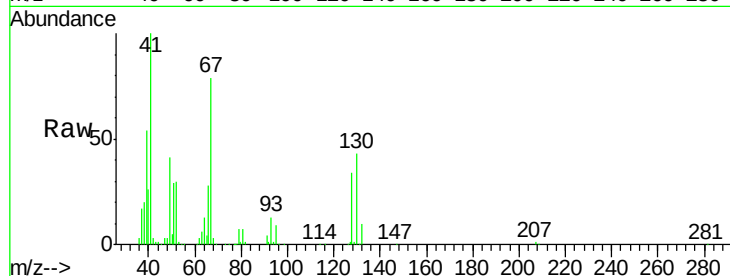
#41
Methacrylonitrile
Concen: 49.140 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	43.7	65.5	
67	79.4	64.6	96.8	
52	31.2	25.6	38.4	

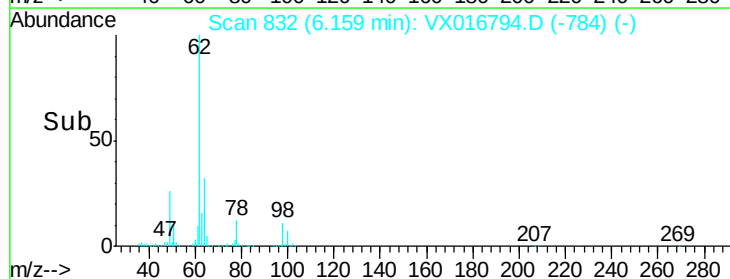
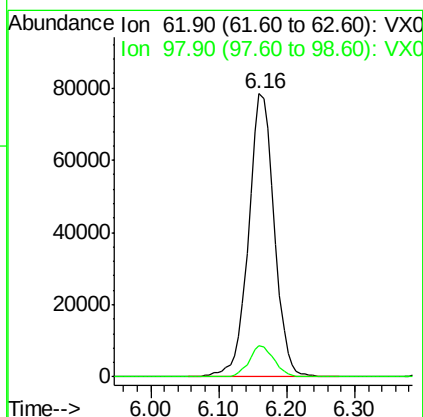
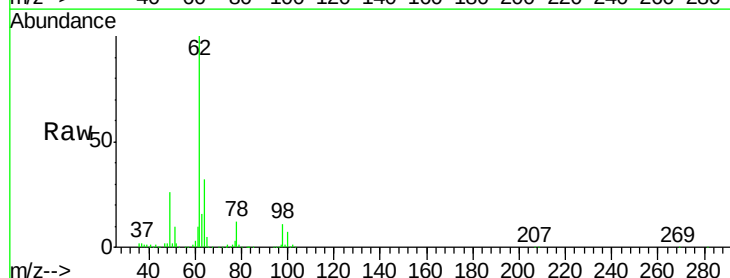
Manual Integrations
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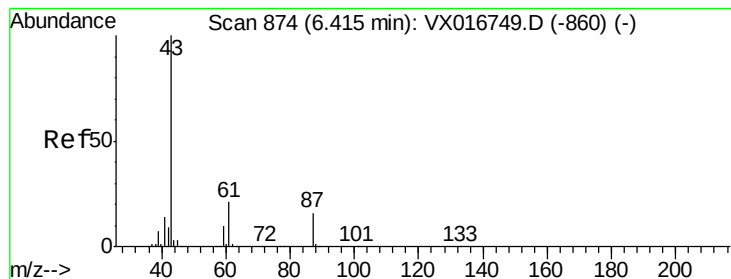
MMDadoda
6/17/2020 9:34:53 AM



#42
1,2-Dichloroethane
Concen: 46.142 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.2	





#43

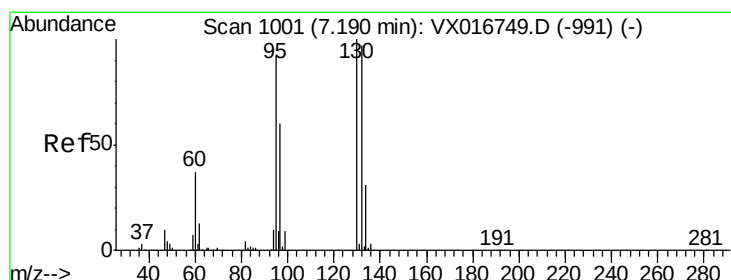
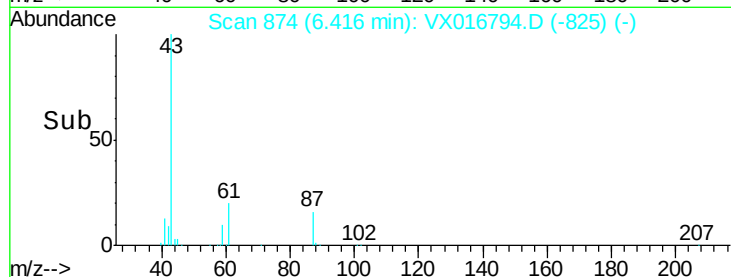
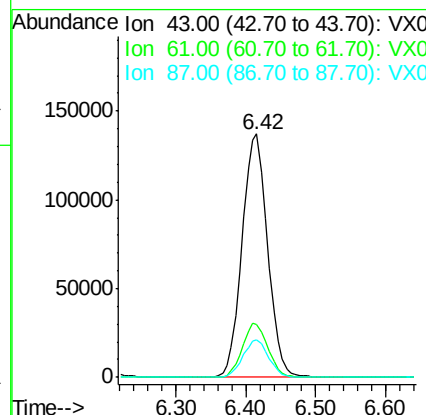
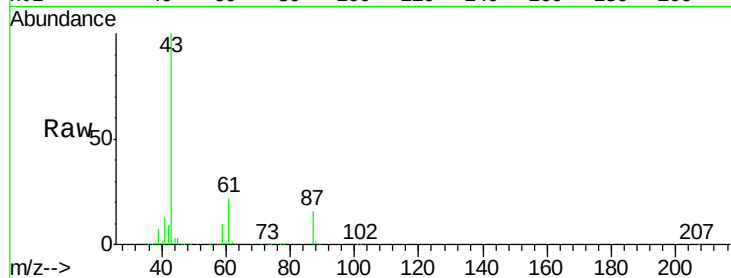
Isopropyl Acetate
 Concen: 49.809 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	15.5	12.5	18.7

Manual Integrations
 APPROVED

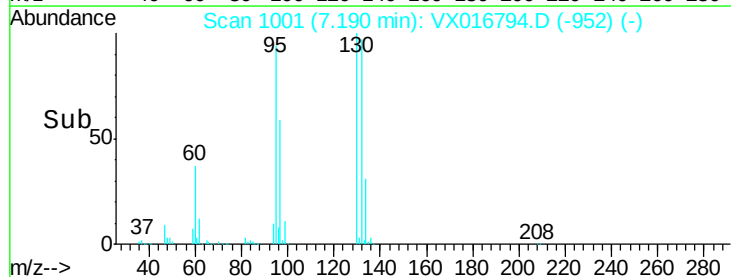
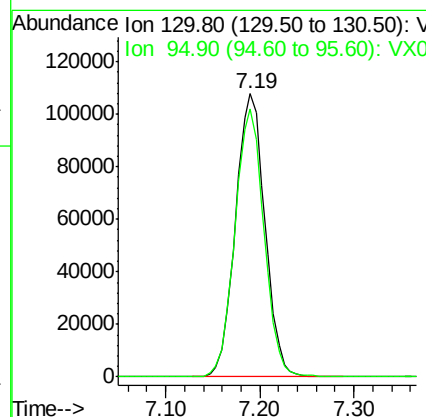
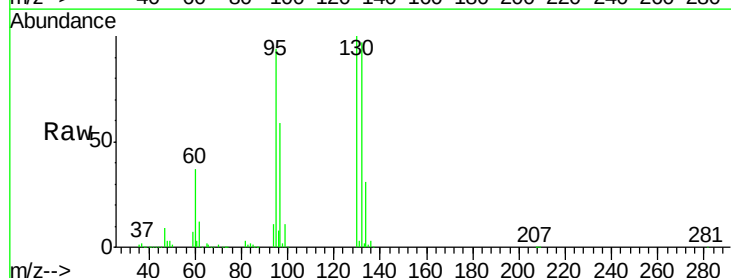
MMDadoda
 6/17/2020 9:34:53 AM

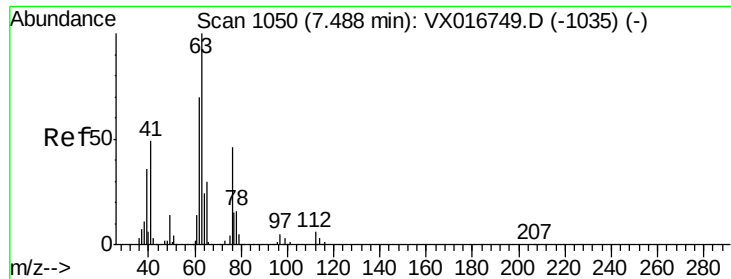


#44

Trichloroethene
 Concen: 61.351 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	183.6





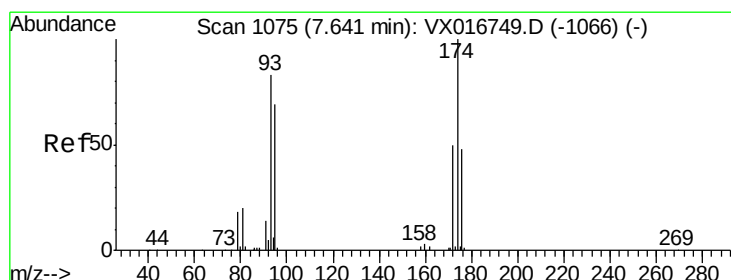
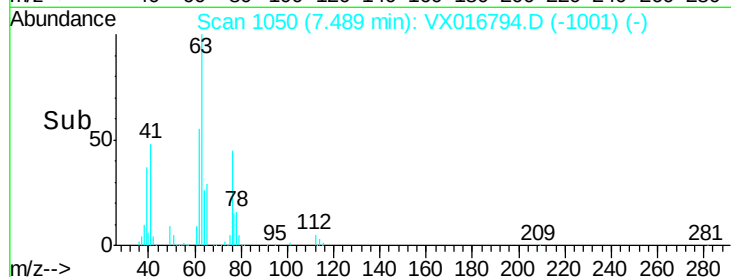
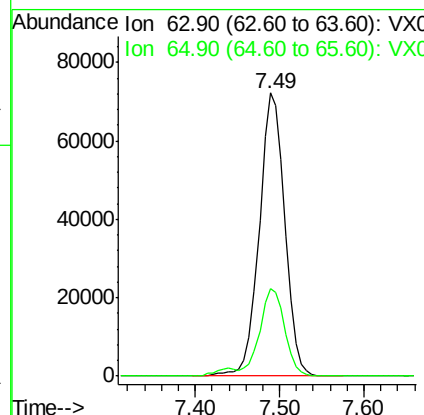
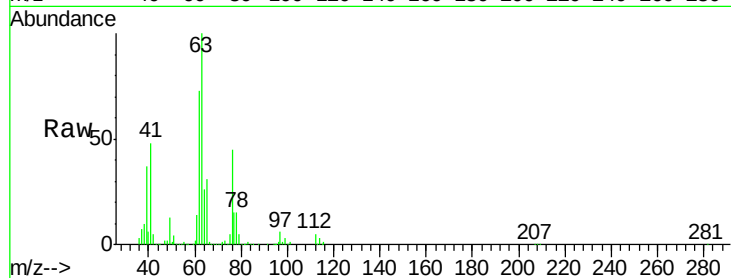
#45
 1,2-Dichloropropane
 Concen: 49.499 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.2	36.2

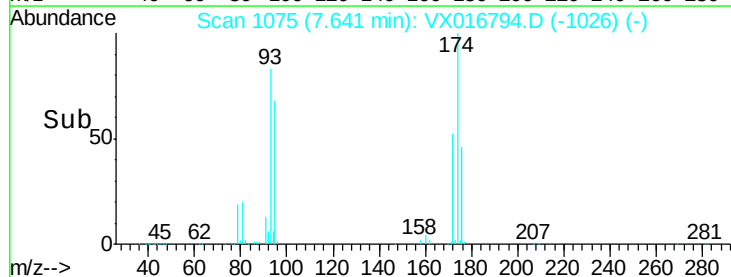
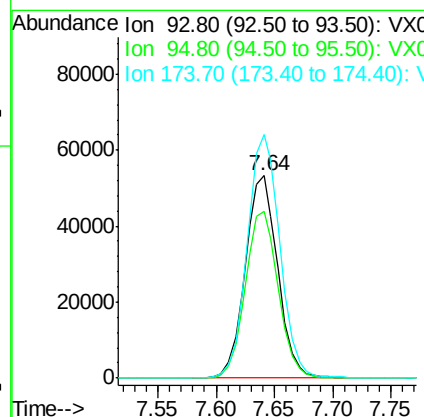
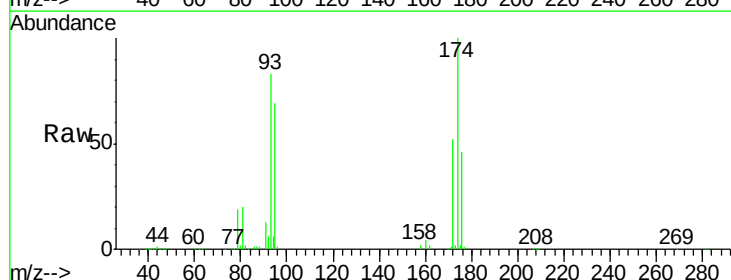
Manual Integrations
 APPROVED

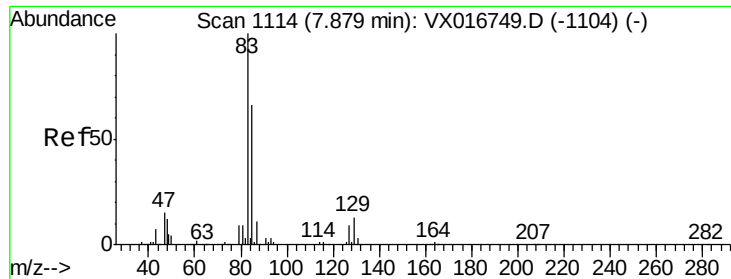
MMDadoda
 6/17/2020 9:34:53 AM



#46
 Dibromomethane
 Concen: 47.065 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.9	100.3
174	121.2	93.8	140.8





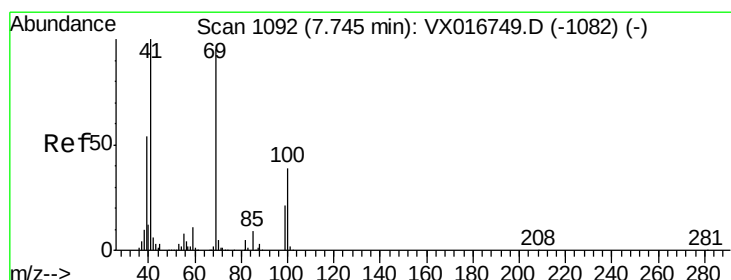
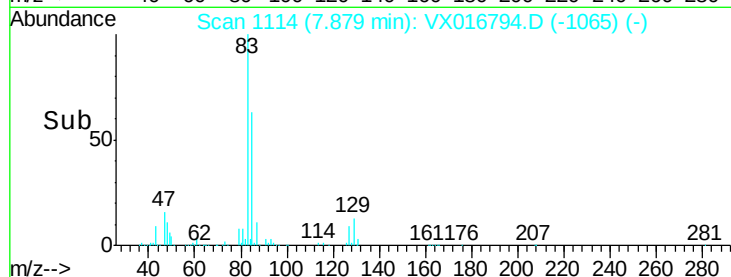
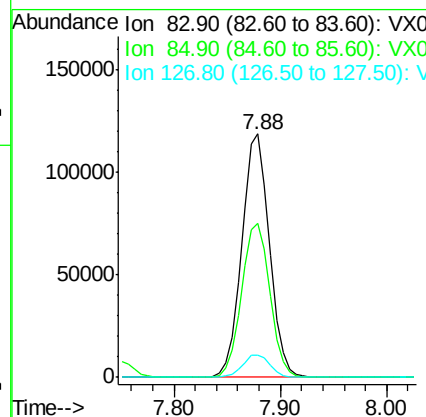
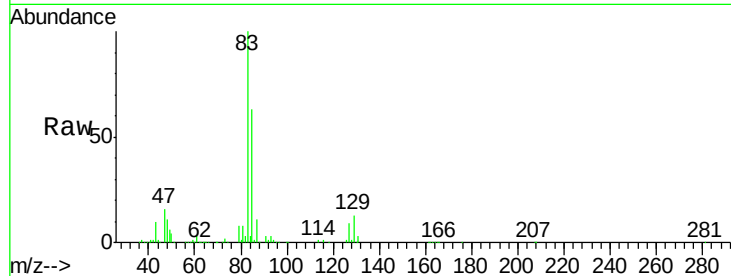
#47
Bromodichloromethane
Concen: 47.157 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	216058
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.5	78.7
127	8.9	7.5	11.3

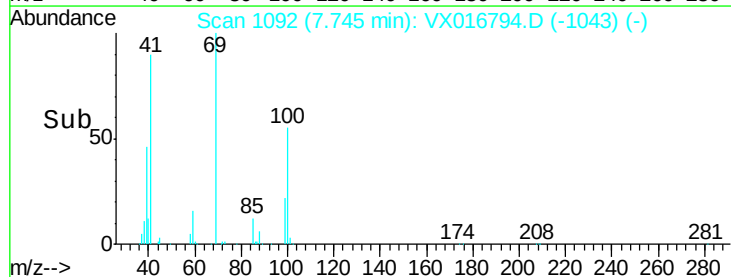
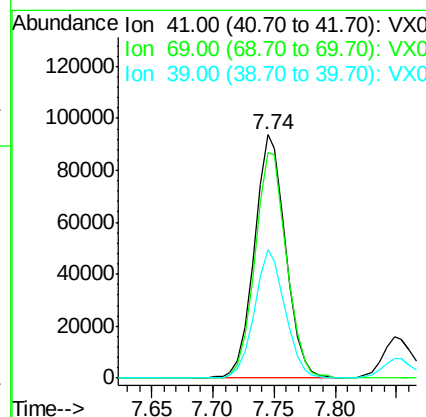
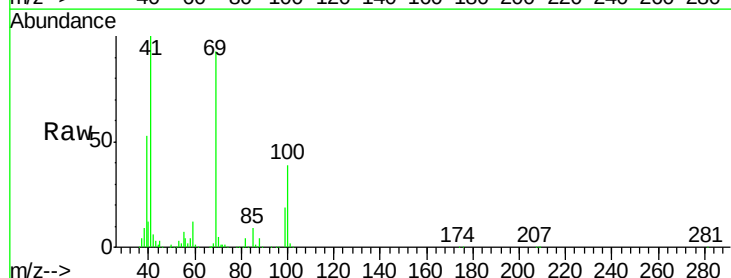
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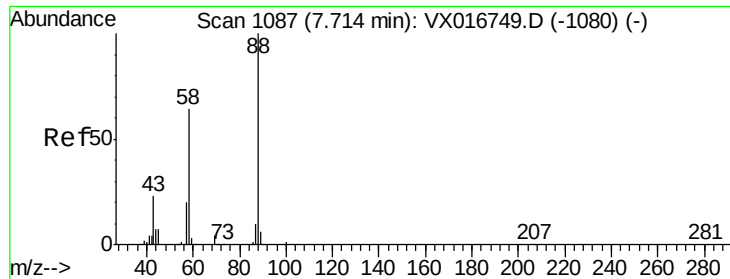
MMDadoda
6/17/2020 9:34:53 AM



#48
Methyl methacrylate
Concen: 50.590 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	41	Resp	166263
Ion Ratio	Lower	Upper	
41	100		
69	94.2	75.0	112.6
39	51.7	44.3	66.5





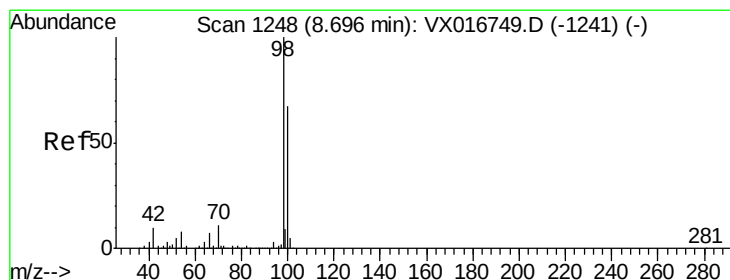
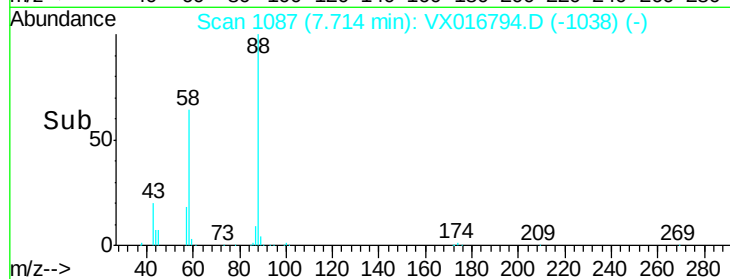
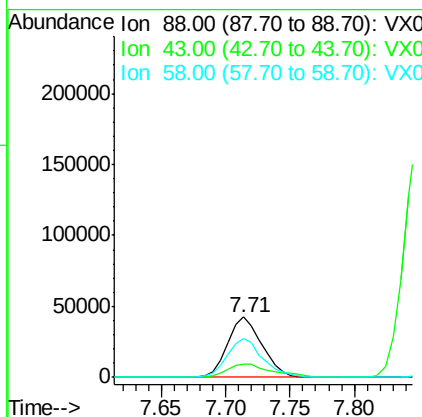
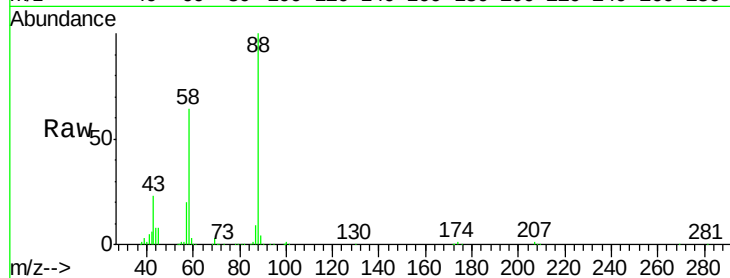
#49
1,4-Dioxane
Concen: 975.240 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	22.9	34.3
58	67.6	53.7	80.5

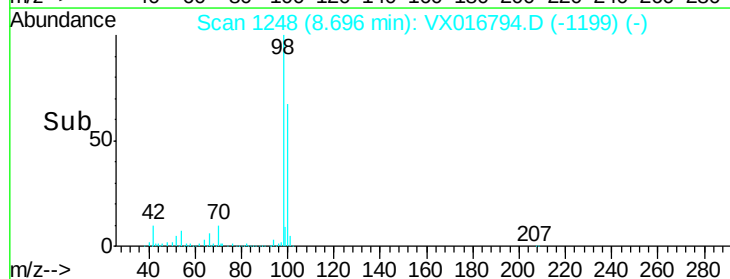
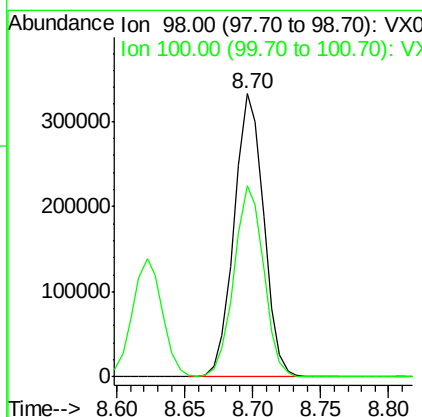
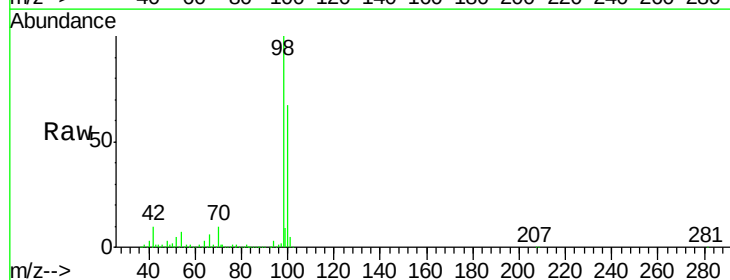
Manual Integrations
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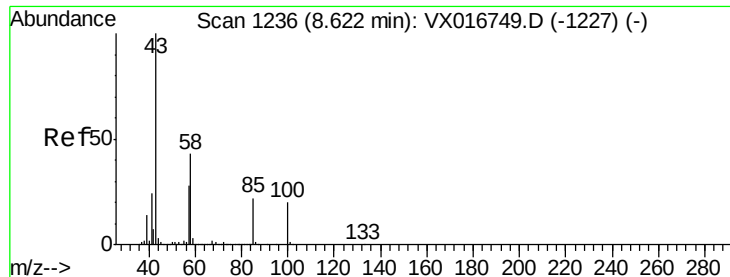
MMDadoda
6/17/2020 9:34:53 AM



#50
Toluene-d8
Concen: 48.495 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.9	80.9





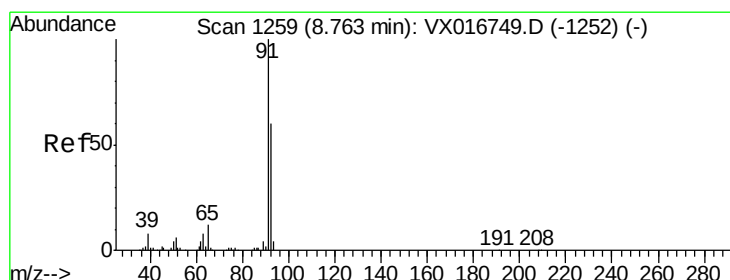
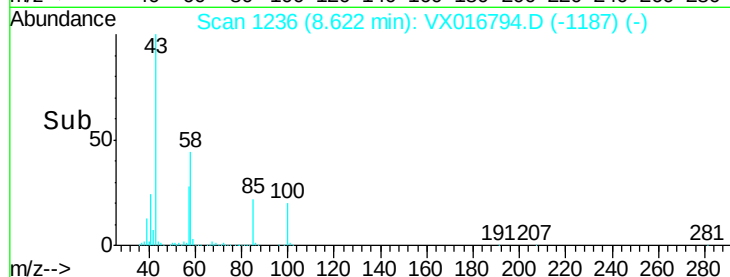
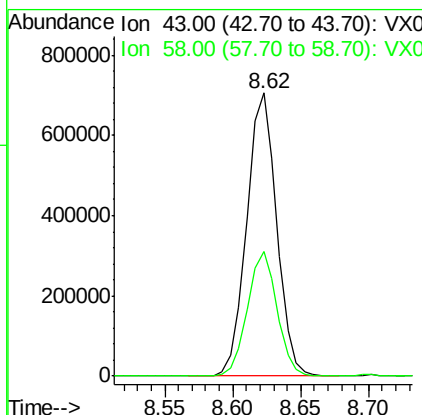
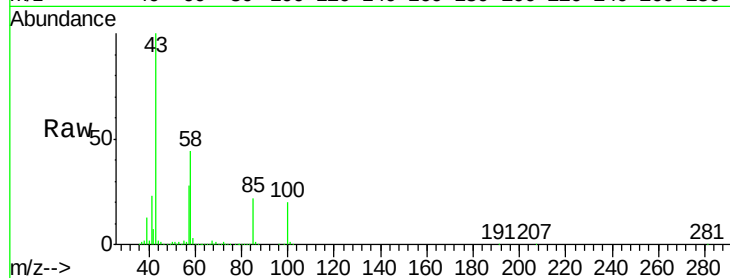
#51
4-Methyl-2-Pentanone
Concen: 254.679 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1088195
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0

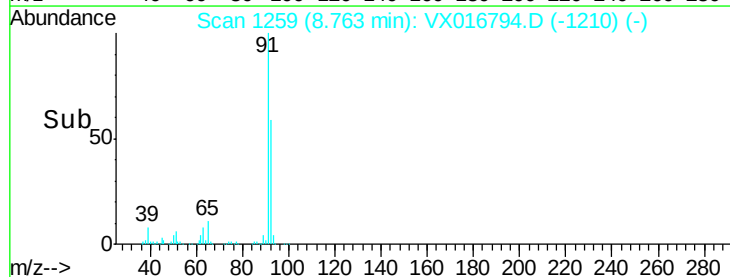
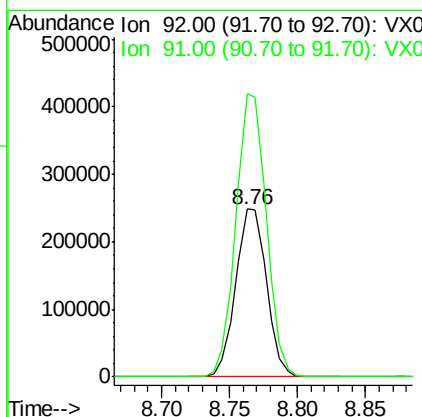
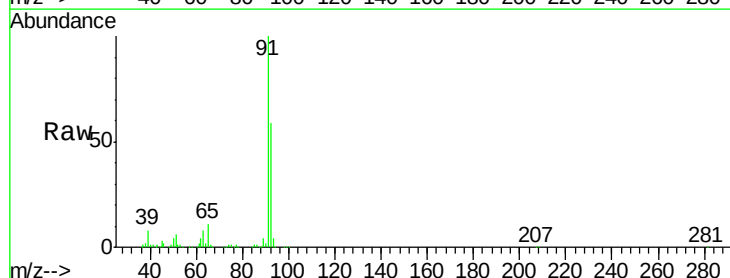
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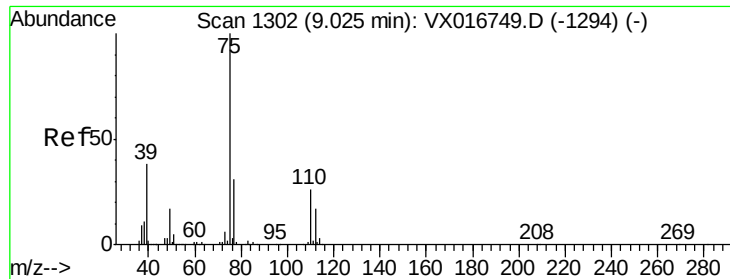
MMDadoda
6/17/2020 9:34:53 AM



#52
Toluene
Concen: 49.095 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 92 Resp: 392261
Ion Ratio Lower Upper
92 100
91 167.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 47.963 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 248203

Ion Ratio Lower Upper

75 100

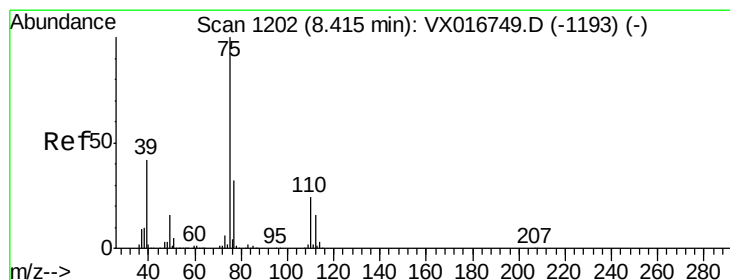
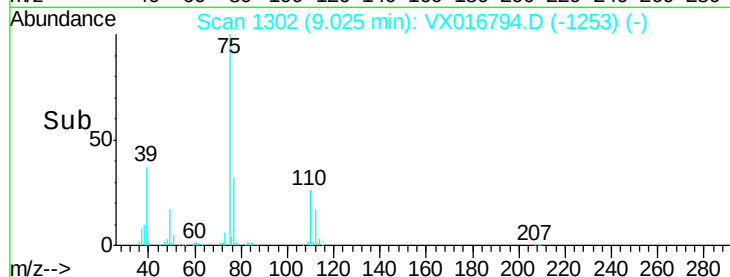
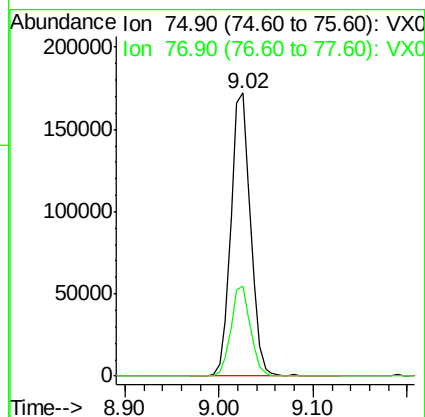
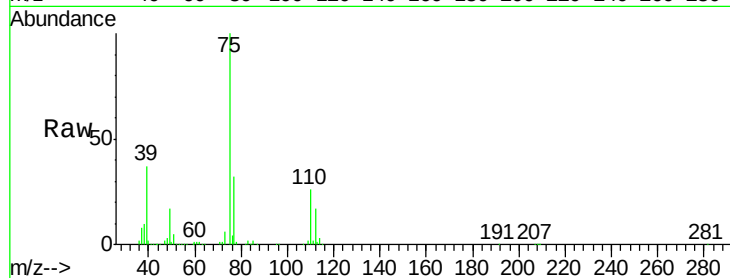
77 32.0 24.7 37.1

Manual Integrations

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MMDadoda

6/17/2020 9:34:53 AM



#54

cis-1,3-Dichloropropene

Concen: 48.207 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

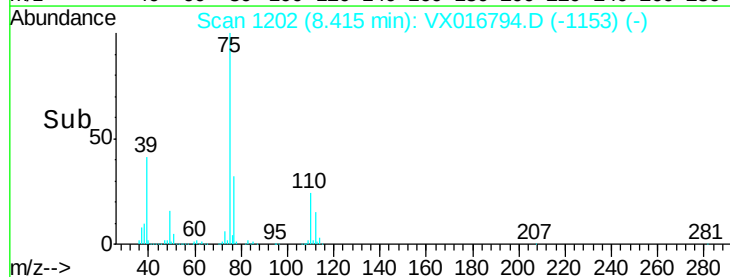
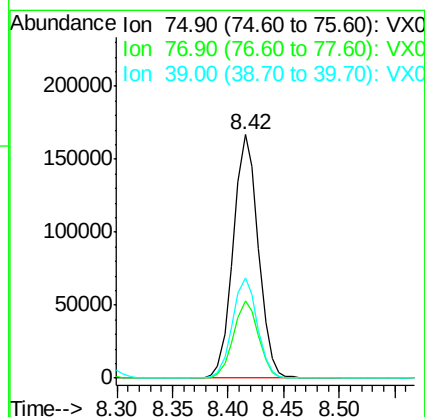
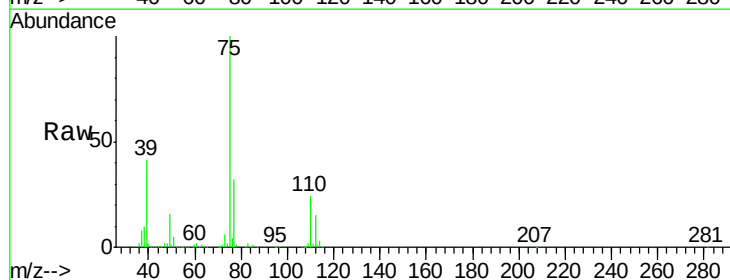
Tgt Ion: 75 Resp: 260215

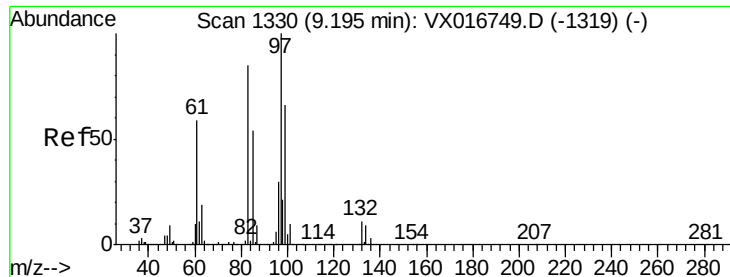
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 41.3 33.7 50.5





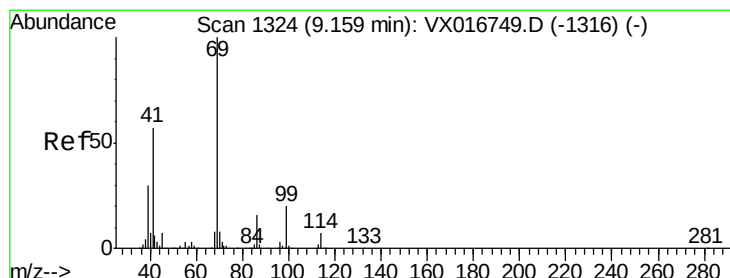
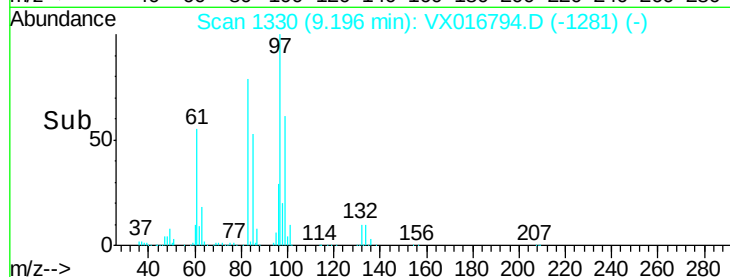
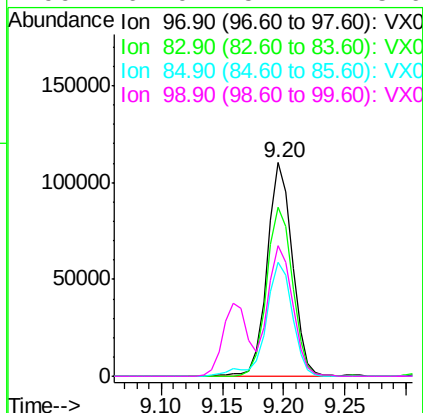
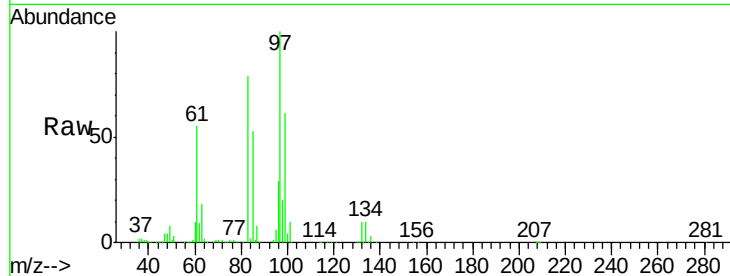
#55
 1,1,2-Trichloroethane
 Concen: 49.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		158065		
83	79.4	68.3	102.5		
85	53.5	43.5	65.3		
99	61.0	52.4	78.6		

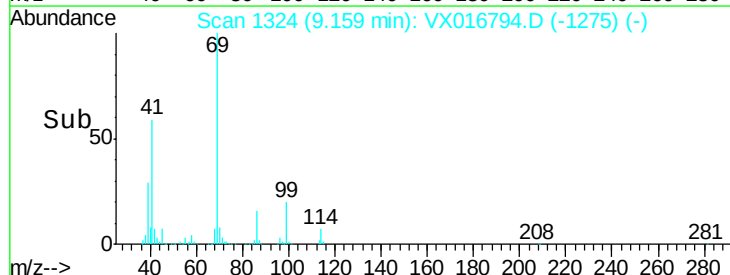
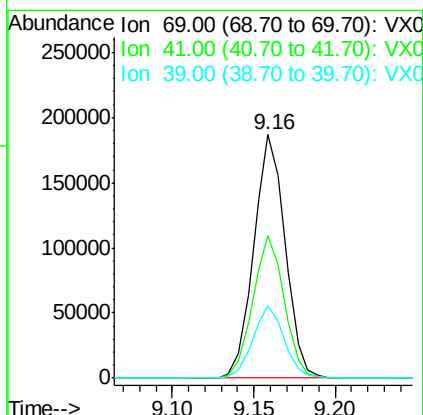
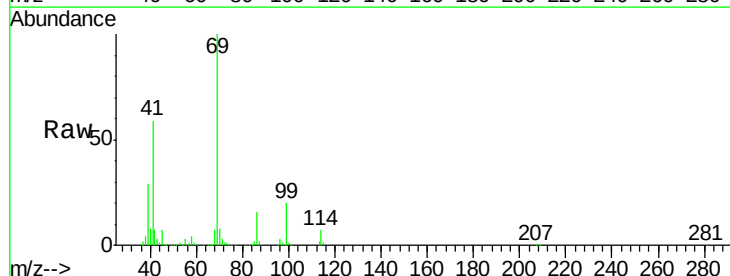
Manual Integrations
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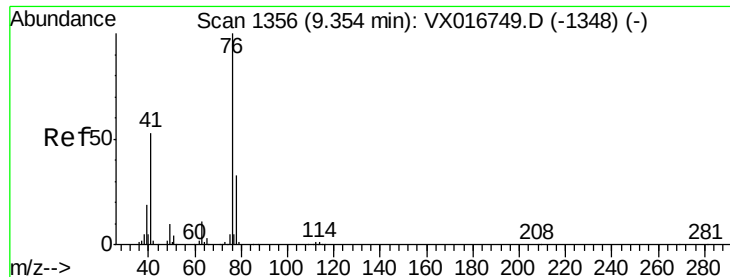
MMDadoda
 6/17/2020 9:34:53 AM



#56
 Ethyl methacrylate
 Concen: 51.971 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		250025		
41	58.6	47.1	70.7		
39	29.7	25.0	37.6		





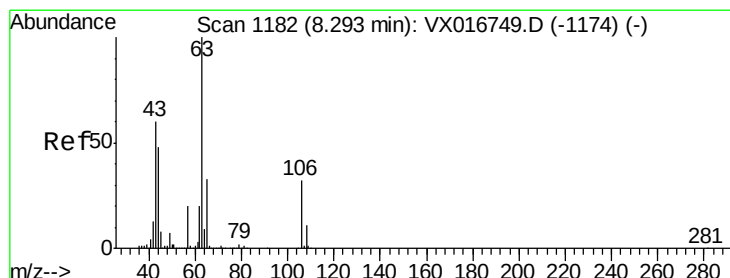
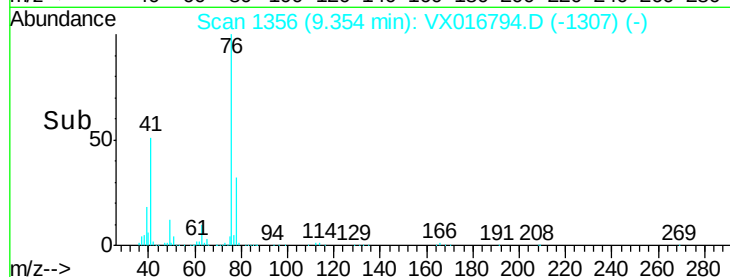
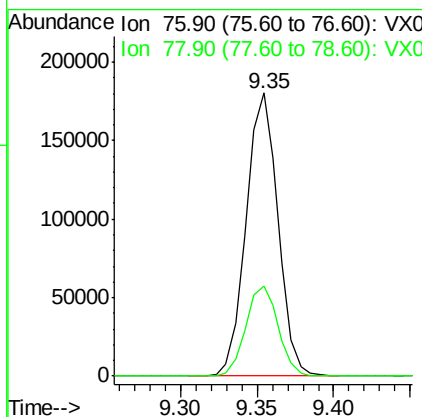
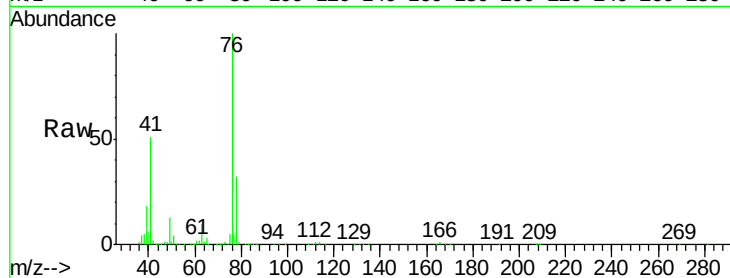
#57
 1,3-Dichloropropane
 Concen: 48.261 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

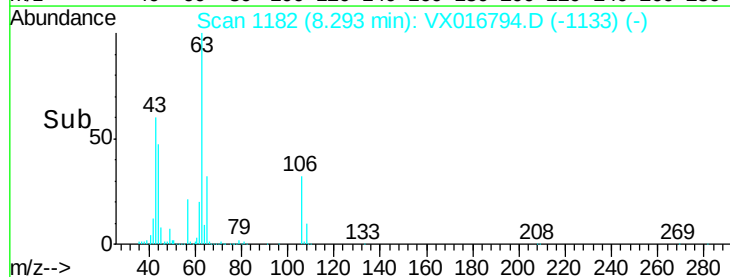
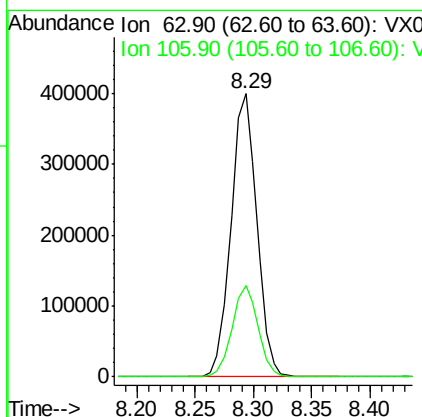
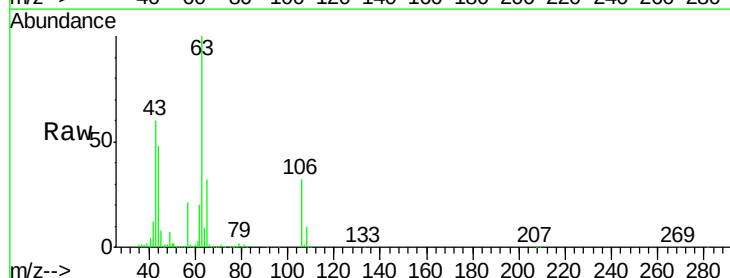
Manual Integrations
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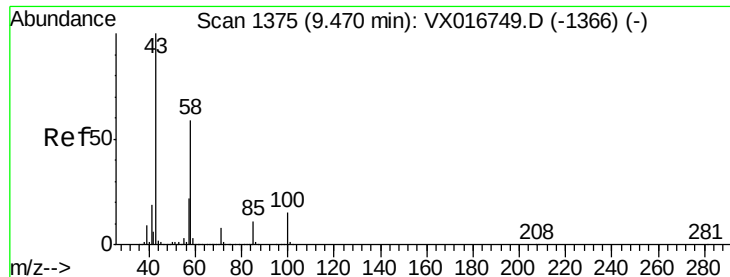
MMDadoda
 6/17/2020 9:34:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.460 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.2	25.5	38.3





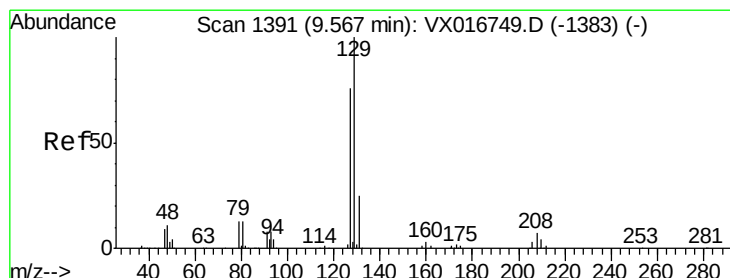
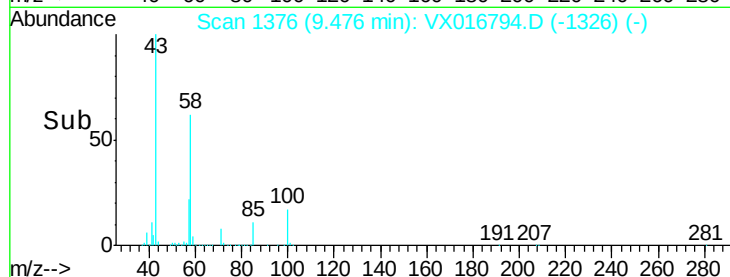
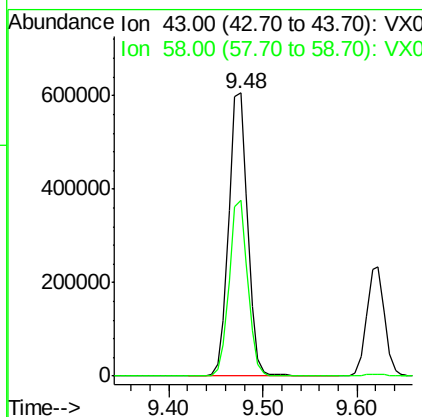
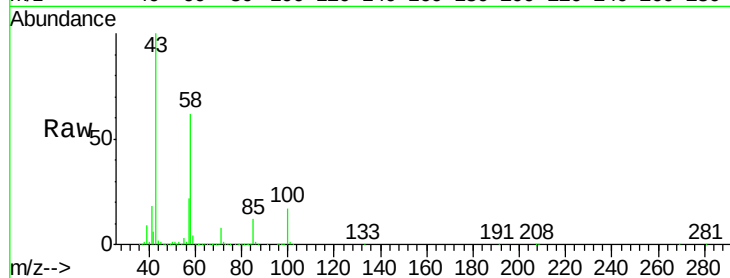
#59
2-Hexanone
Concen: 255.968 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	29.9	89.8

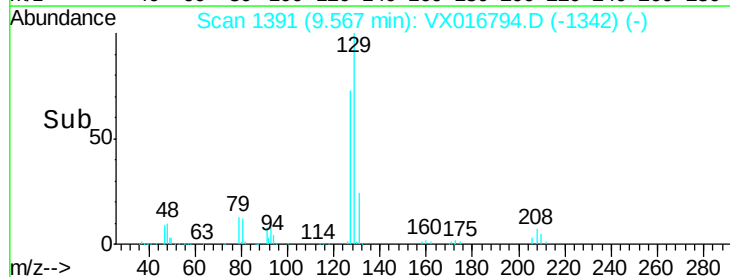
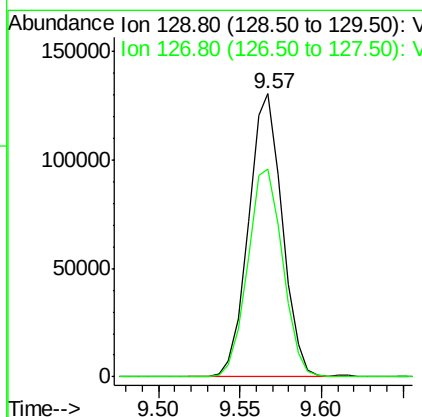
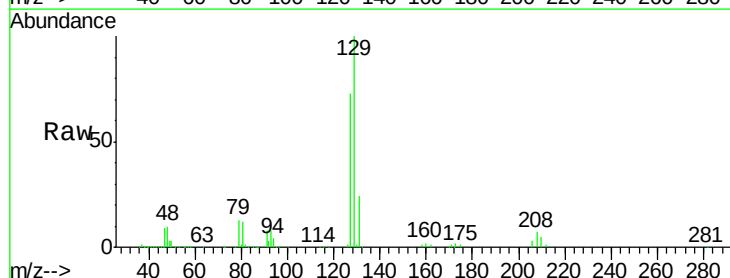
Manual Integrations
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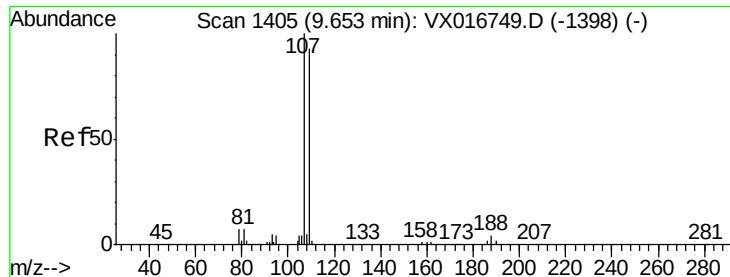
MMDadoda
6/17/2020 9:34:53 AM



#60
Dibromochloromethane
Concen: 49.711 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.7	116.1





#61

1,2-Dibromoethane

Concen: 49.109 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 171969

Ion Ratio Lower Upper

107 100

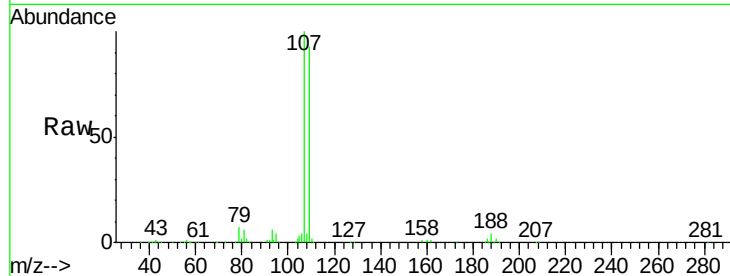
109 93.6 74.2 111.4

Manual Integrations

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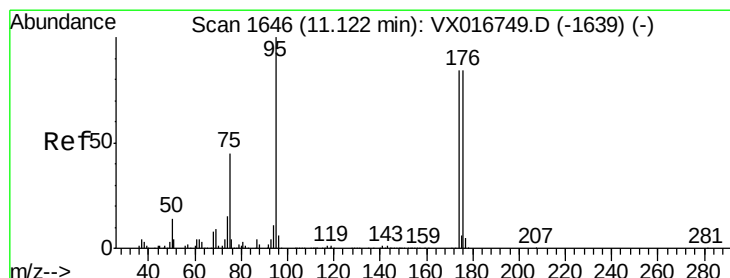
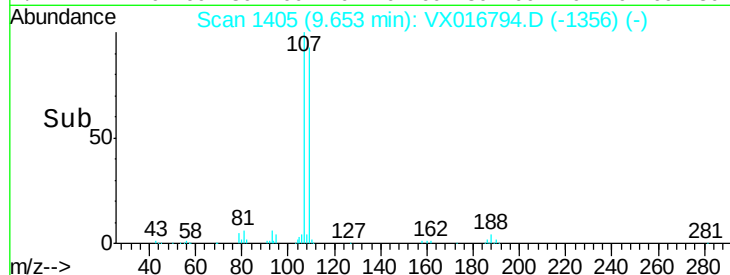
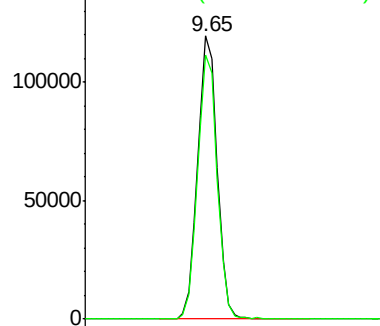
MMDadoda

6/17/2020 9:34:53 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.919 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

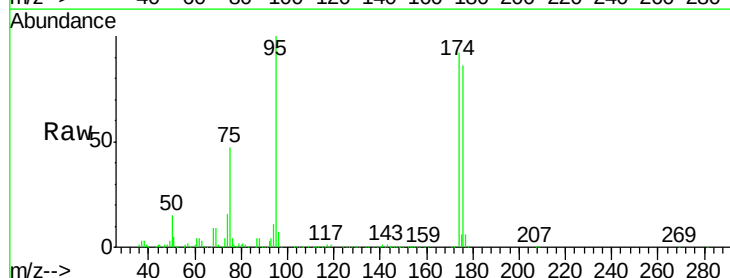
Tgt Ion: 95 Resp: 190625

Ion Ratio Lower Upper

95 100

174 88.5 0.0 171.0

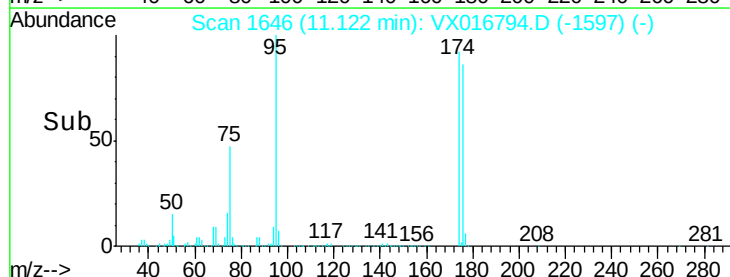
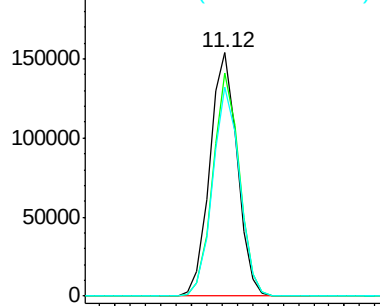
176 84.9 0.0 166.2

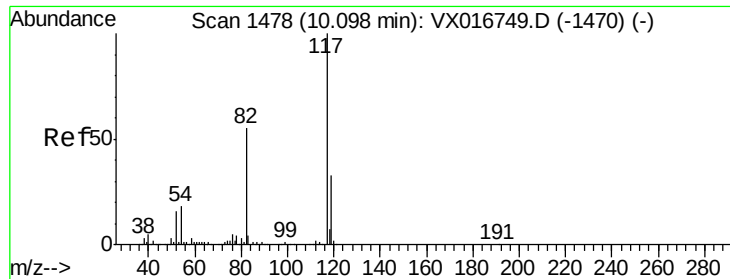


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





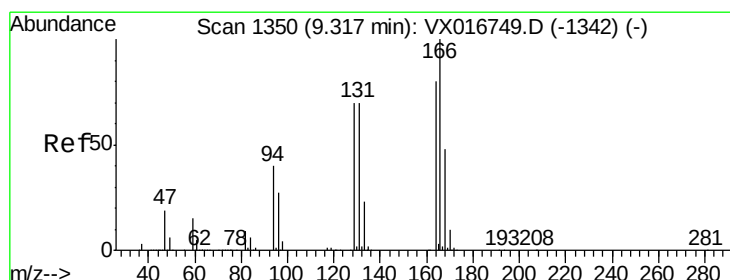
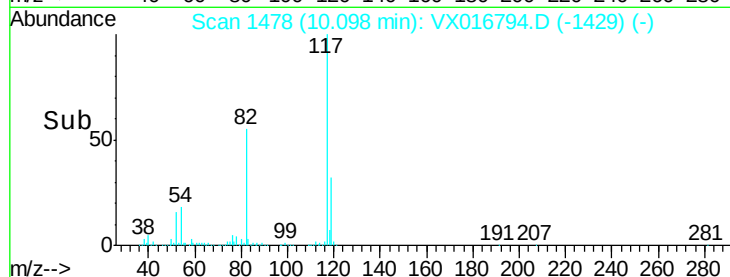
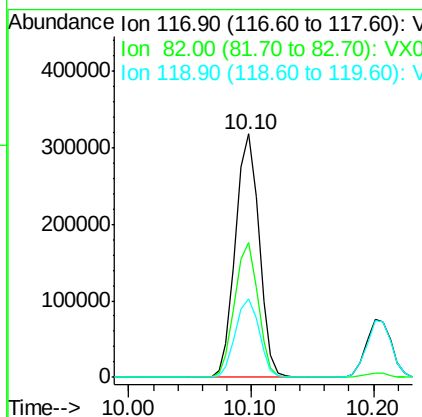
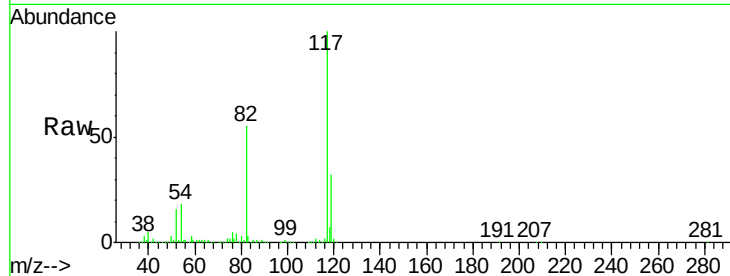
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.6
119	32.3	26.2	39.4

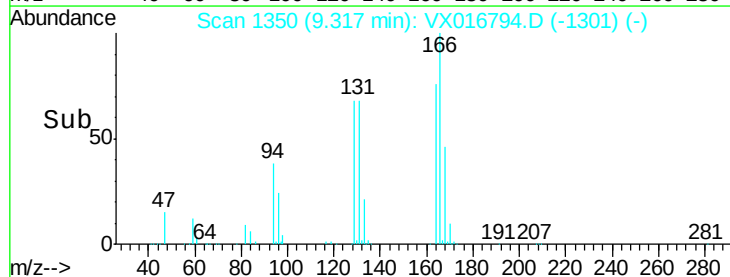
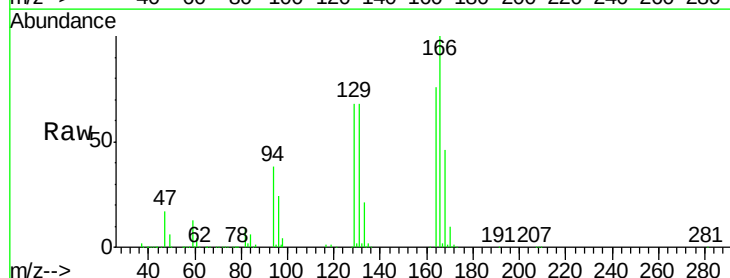
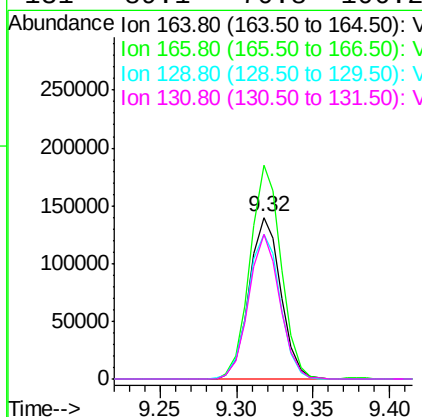
Manual Integrations
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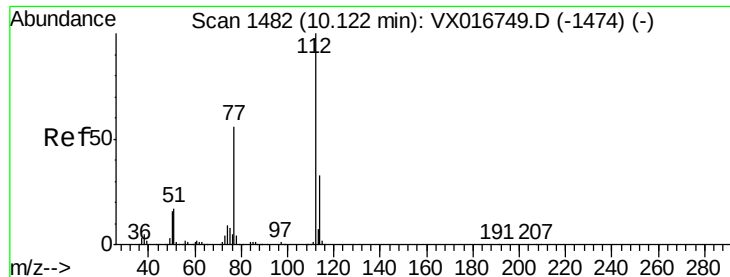
MMDadoda
6/17/2020 9:34:53 AM



#64
Tetrachloroethene
Concen: 49.252 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	100.6	150.8
129	89.5	70.1	105.1
131	89.1	70.8	106.2





#65

Chlorobenzene

Concen: 49.308 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 425820

Ion Ratio Lower Upper

112 100

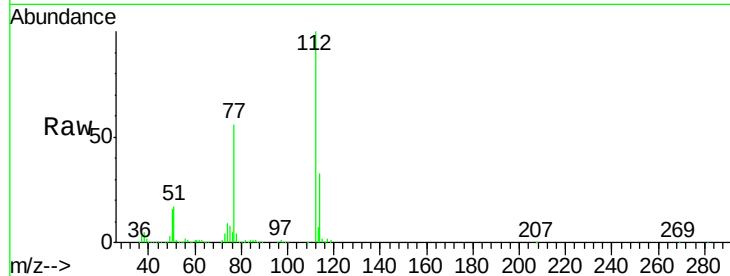
114 32.6 26.2 39.4

Manual Integrations

APPROVED

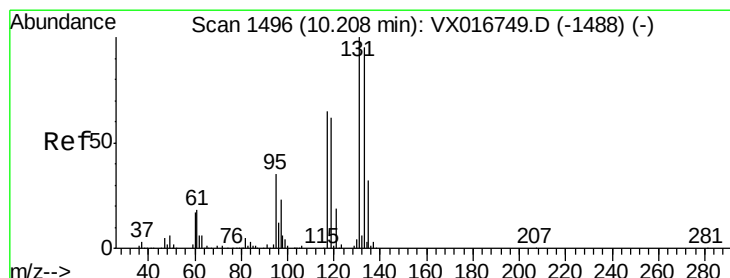
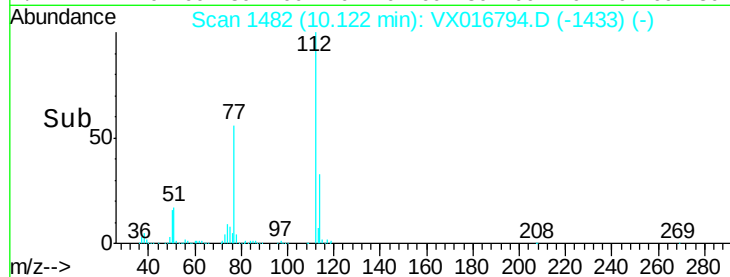
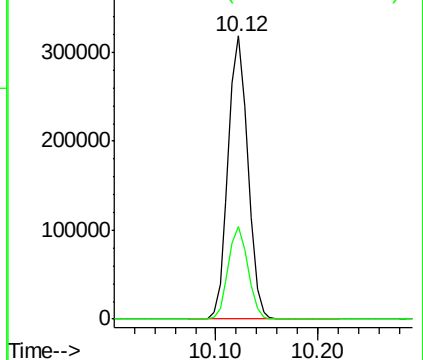
MMDadoda

6/17/2020 9:34:53 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.816 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

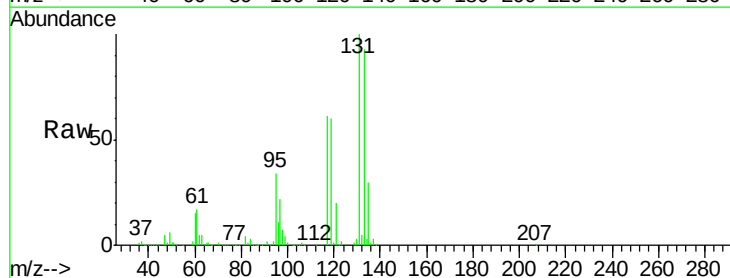
Tgt Ion:131 Resp: 168176

Ion Ratio Lower Upper

131 100

133 95.1 46.8 140.3

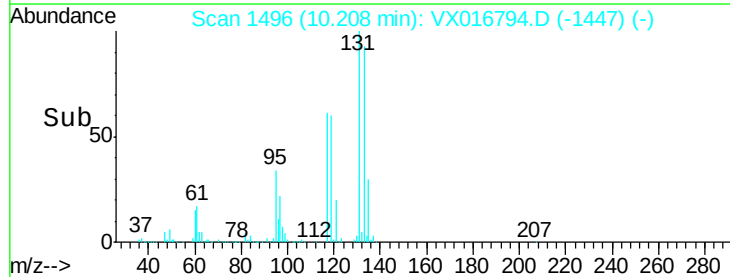
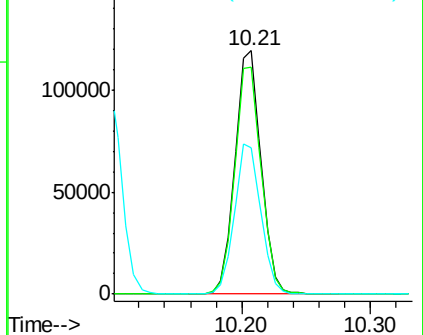
119 62.4 31.4 94.0

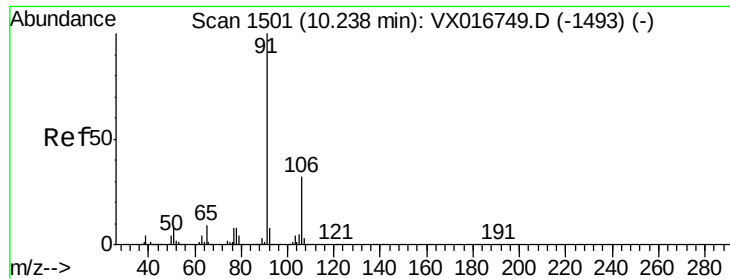


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





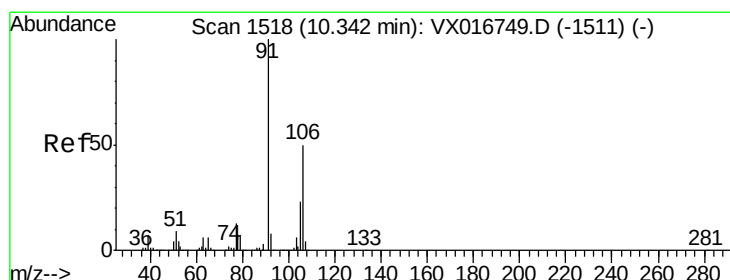
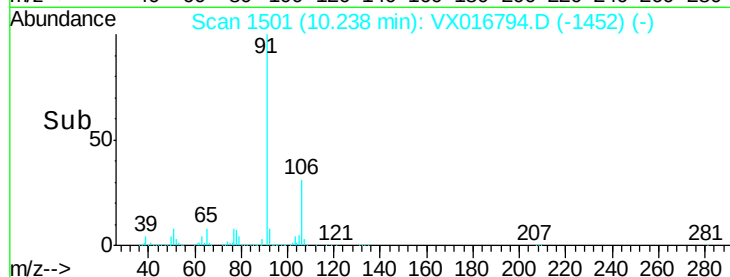
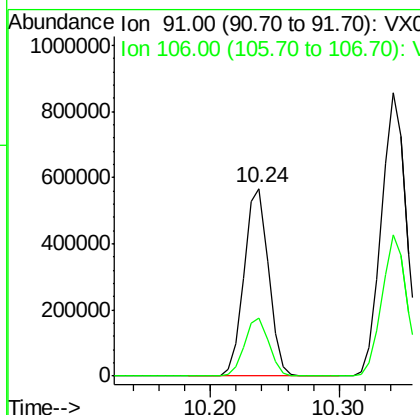
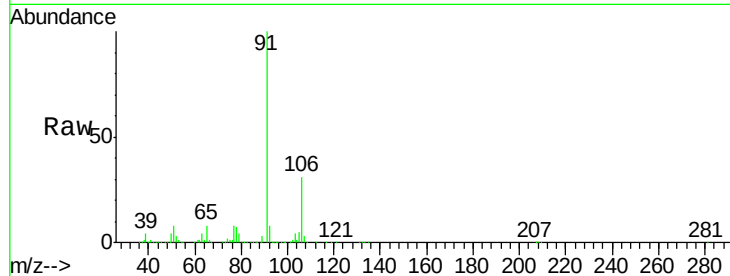
#67
Ethyl Benzene
Concen: 50.642 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 739334
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

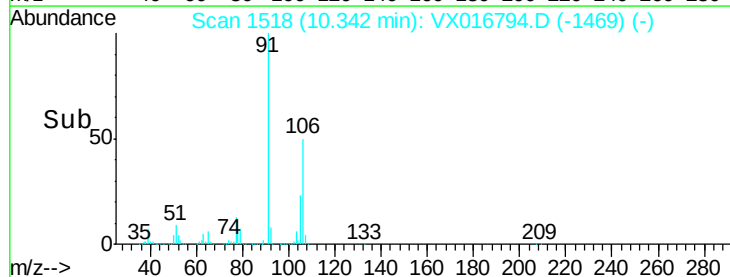
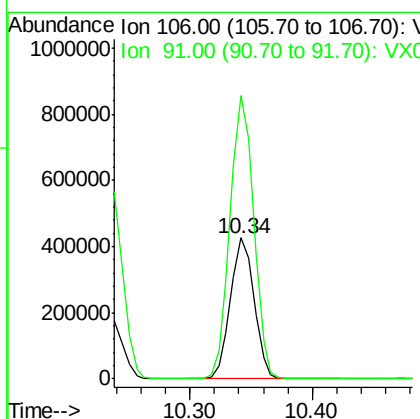
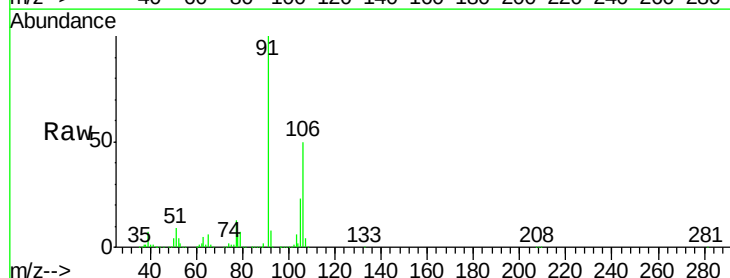
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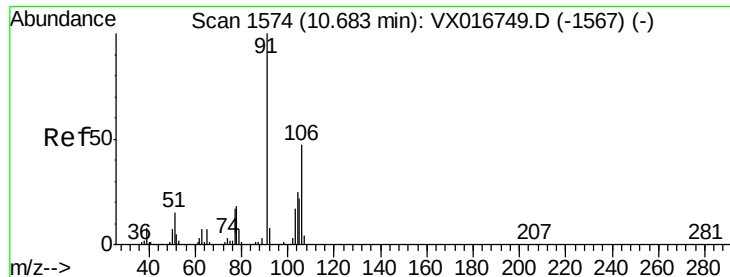
MMDadoda
6/17/2020 9:34:53 AM



#68
m/p-Xylenes
Concen: 102.522 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion: 106 Resp: 567502
Ion Ratio Lower Upper
106 100
91 202.2 161.2 241.8





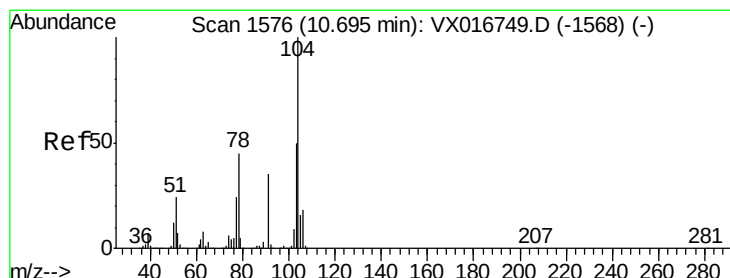
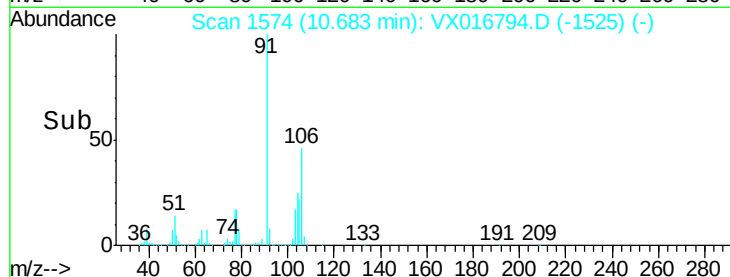
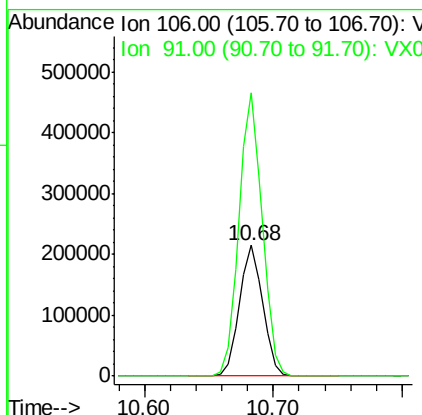
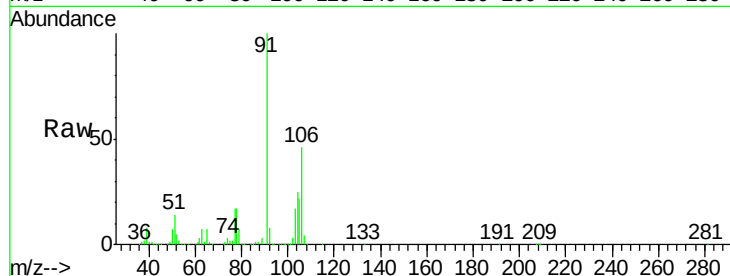
#69
o-Xylene
Concen: 50.521 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.3	106.9	320.8	

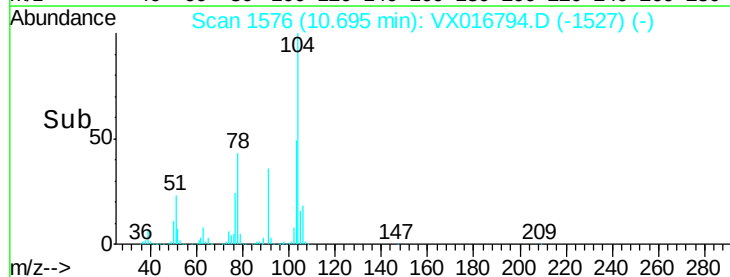
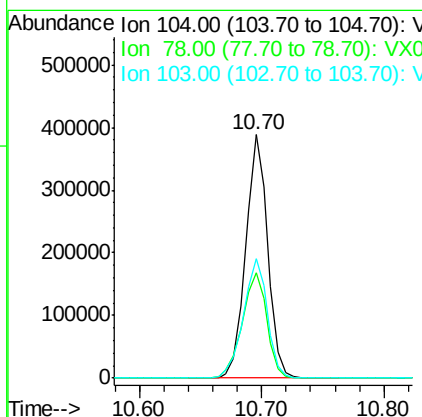
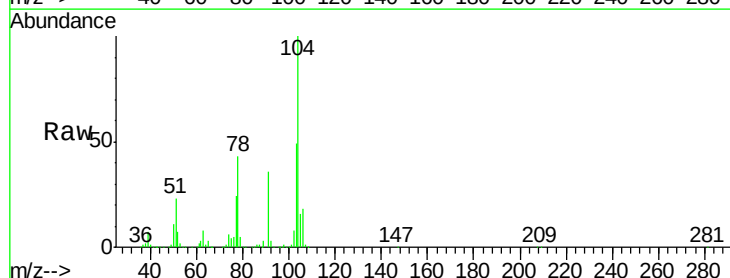
Manual Integrations
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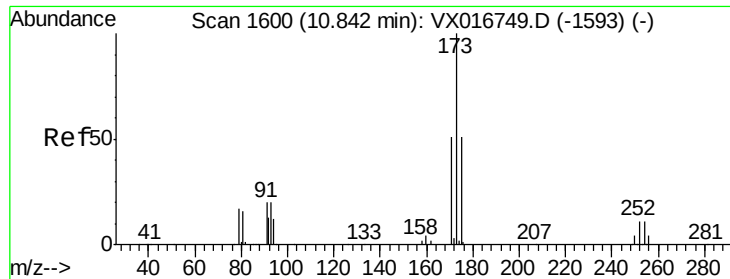
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#70
Styrene
Concen: 52.194 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.6	39.8	59.8	
103	53.7	43.4	65.2	





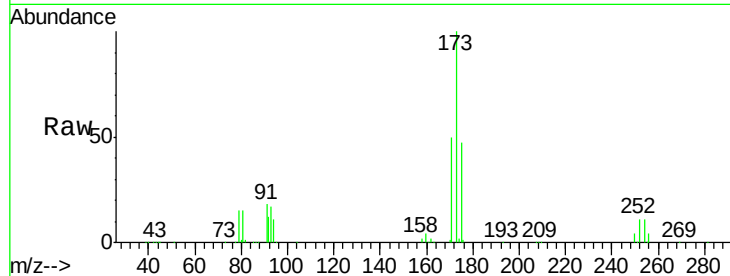
#71
Bromoform
Concen: 51.968 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

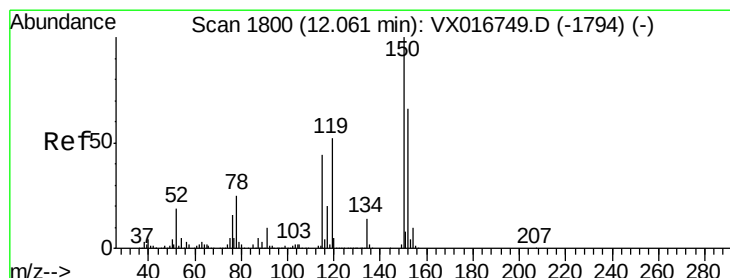
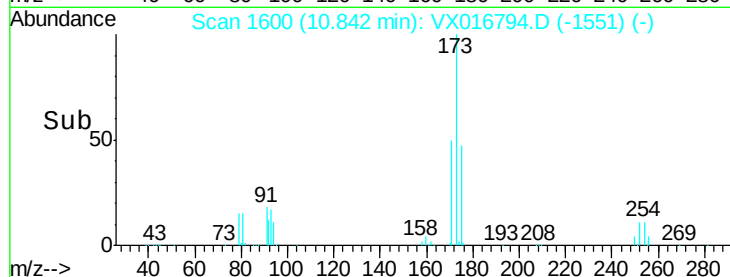
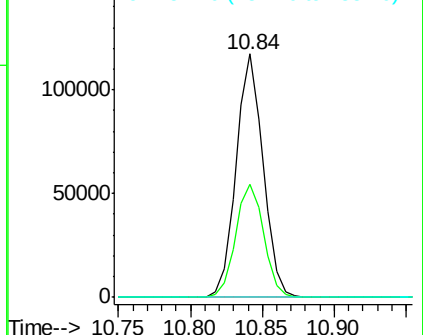
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	25.1	75.4
254	0.1	0.1	0.1#

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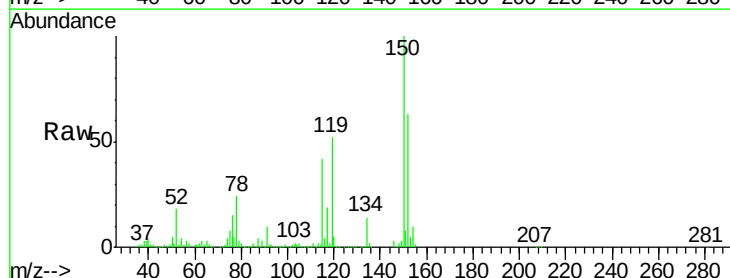


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

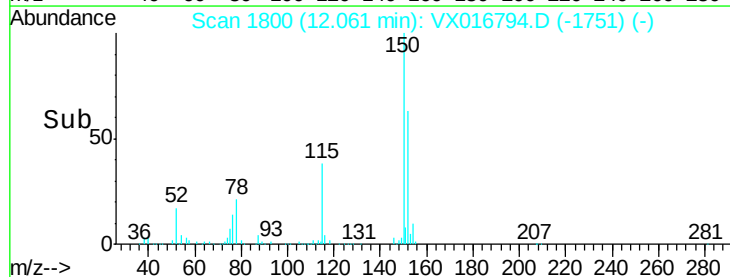
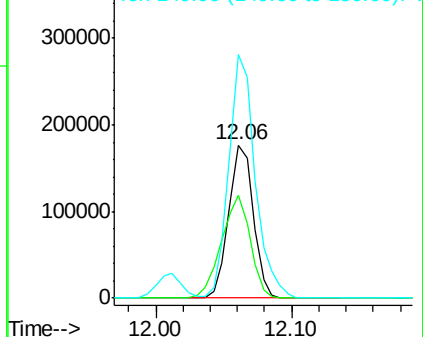


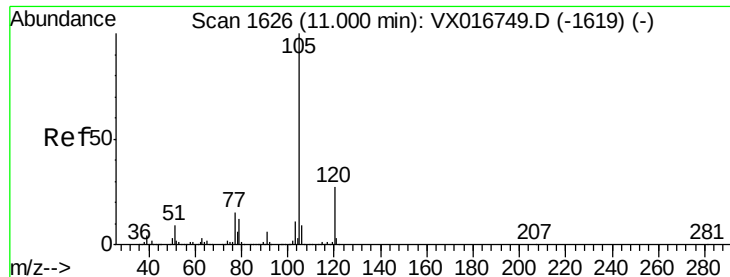
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	40.3	120.8
150	170.8	0.0	337.4



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





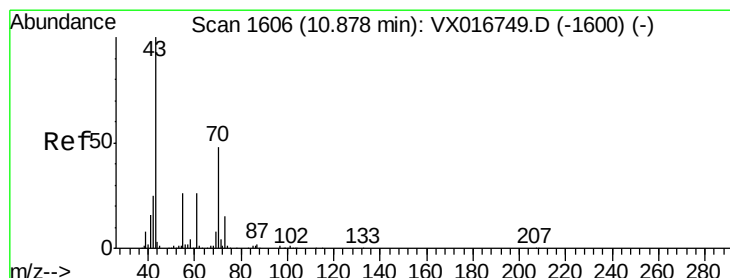
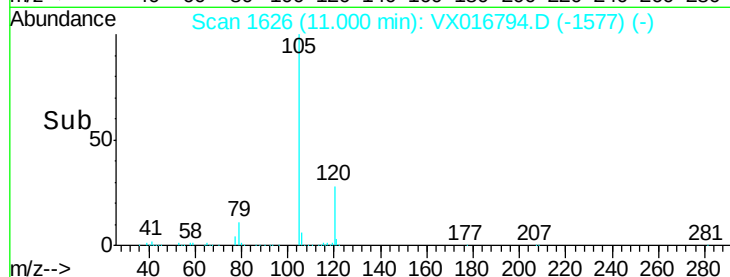
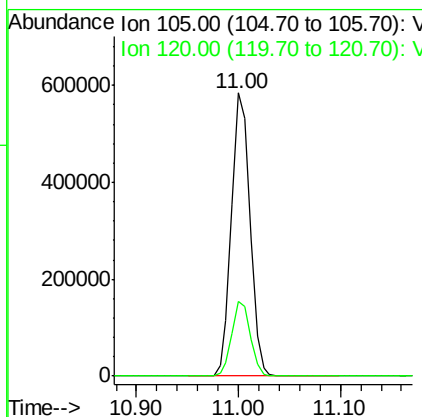
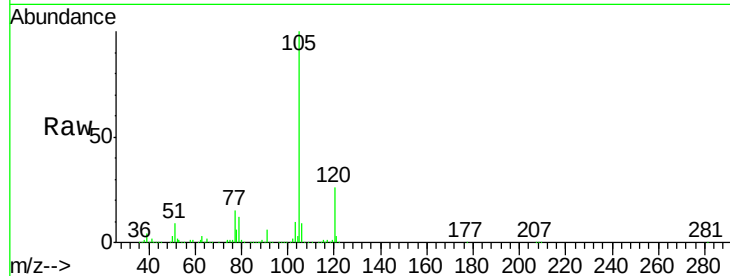
#73
Isopropylbenzene
Concen: 49.941 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

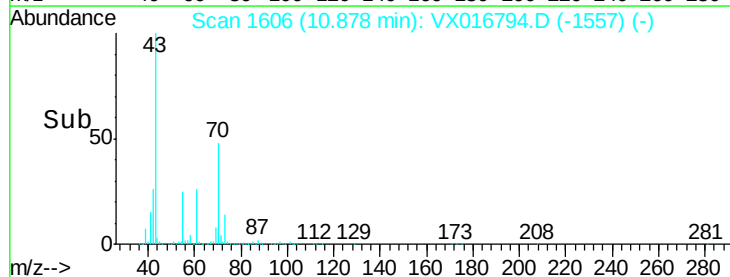
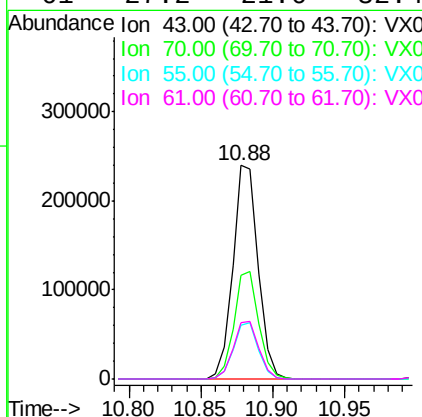
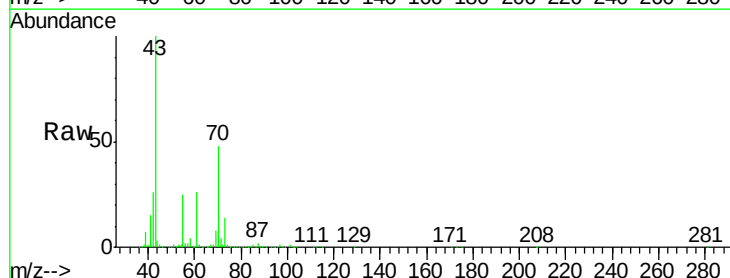
Manual Integrations
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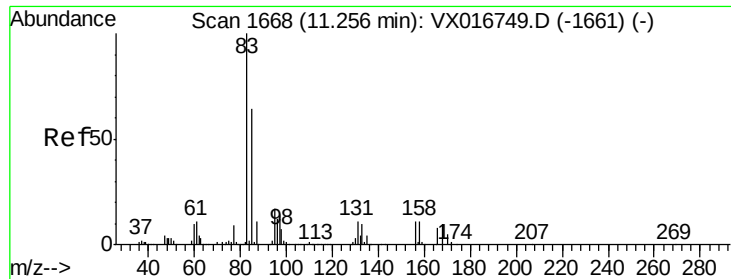
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6/17/2020 9:34:53 AM



#74
N-ethyl acetate
Concen: 51.755 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.2	39.8	59.6
55	26.3	21.7	32.5
61	27.2	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.774 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

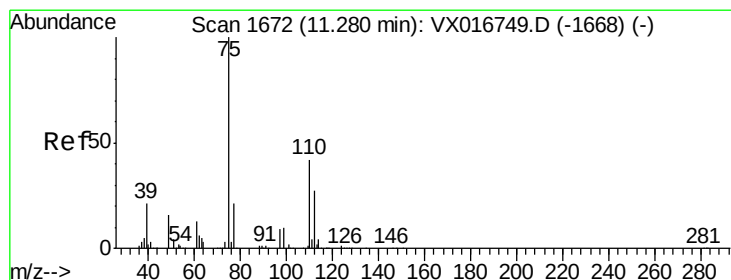
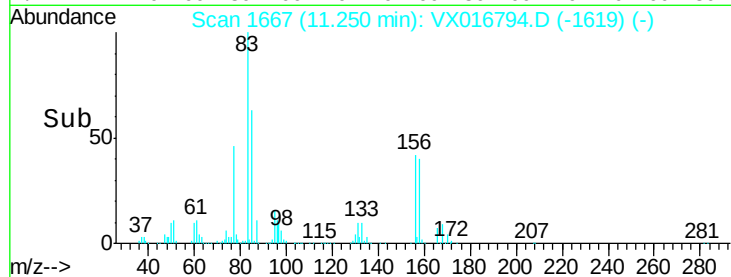
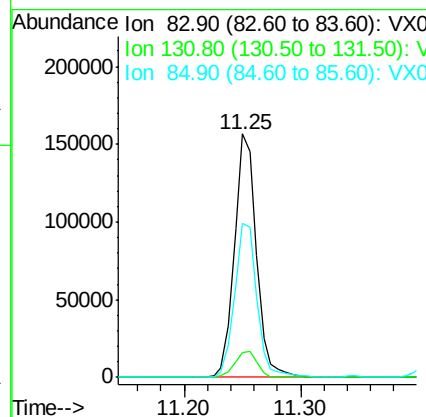
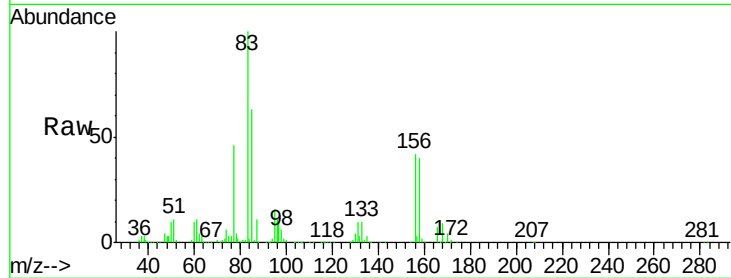
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	205199
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	64.6	32.4	97.2

Manual Integrations
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6/17/2020 9:34:53 AM



#76

1,2,3-Trichloropropane

Concen: 47.820 ug/l m

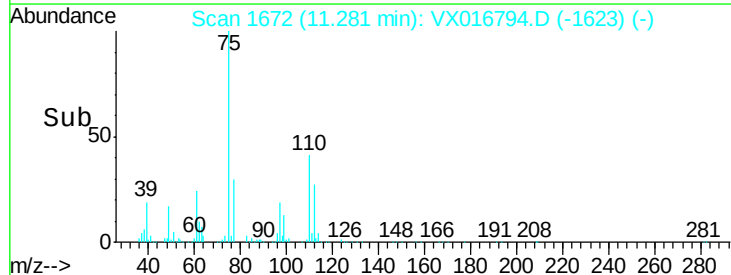
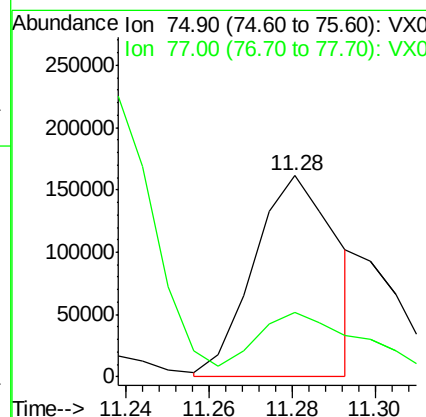
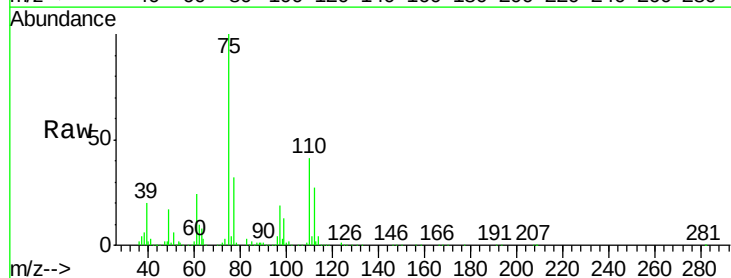
RT: 11.28 min Scan# 1672

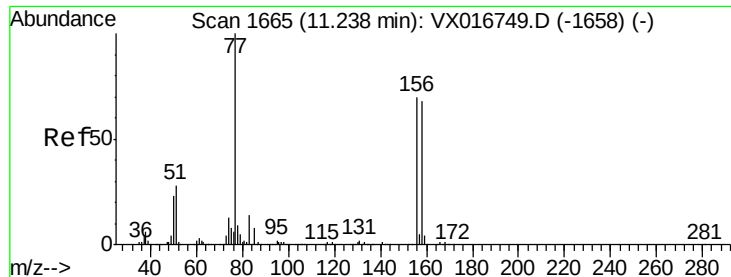
Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion:	75	Resp:	223779
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.3	60.9





#77

Bromobenzene

Concen: 47.886 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

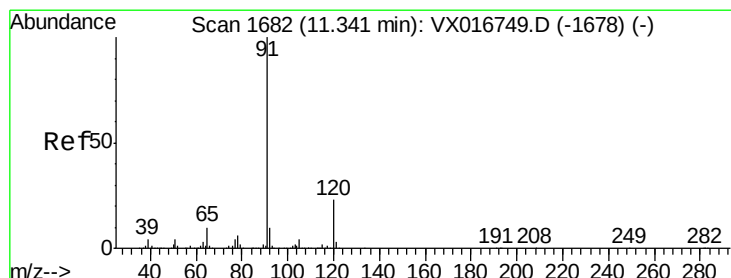
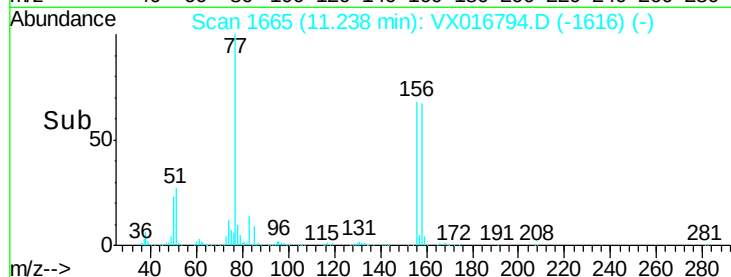
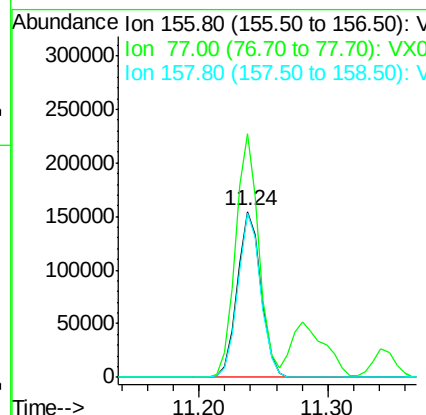
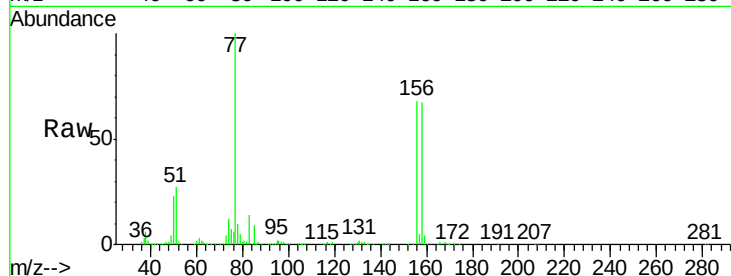
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	197421
Ion Ratio	Lower	Upper	
156	100		
77	145.8	73.2	219.6
158	96.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.670 ug/l

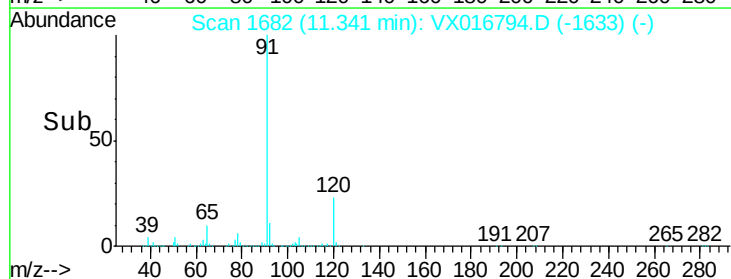
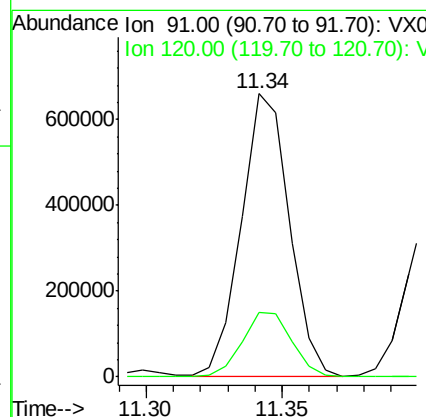
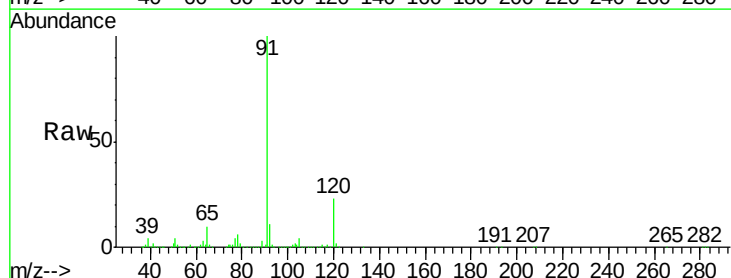
RT: 11.34 min Scan# 1682

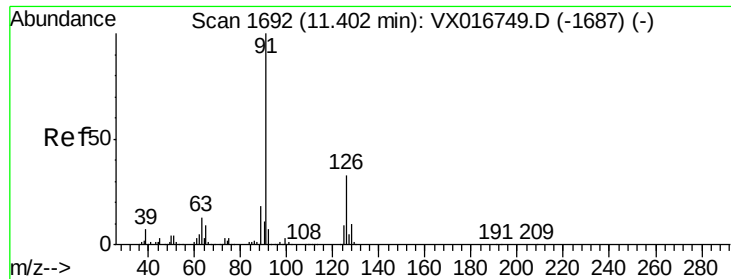
Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion:	91	Resp:	803480
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 48.726 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 488587

Ion Ratio Lower Upper

91 100

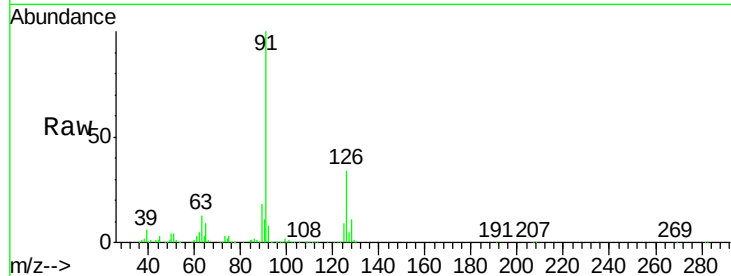
126 34.9 17.2 51.5

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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)

600000

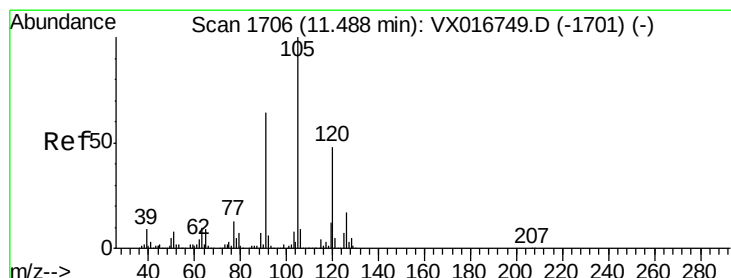
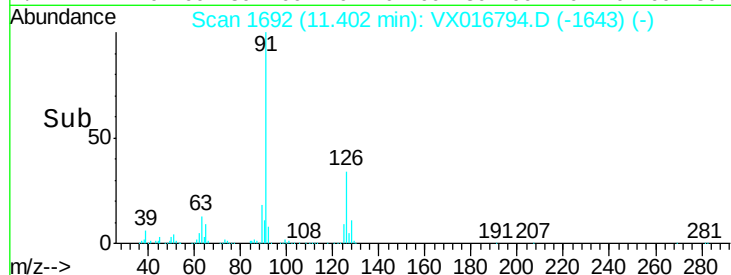
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.168 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016794.D

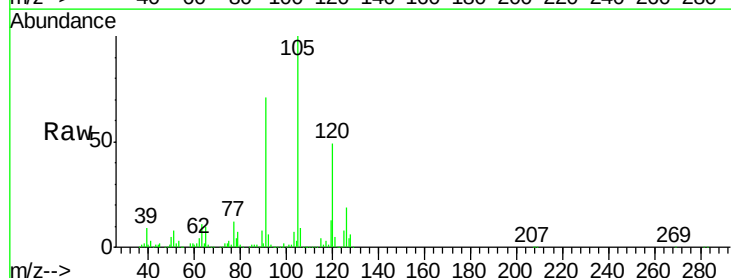
Acq: 16 Jun 2020 20:47

Tgt Ion: 105 Resp: 614063

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)

500000

400000

300000

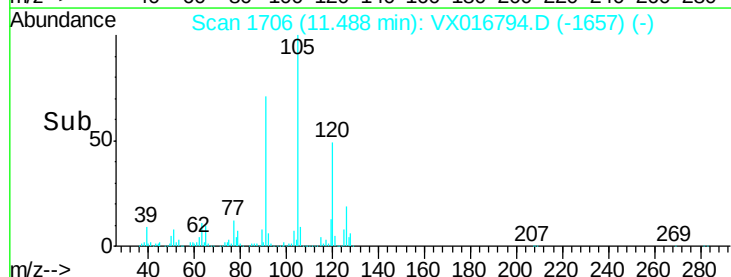
200000

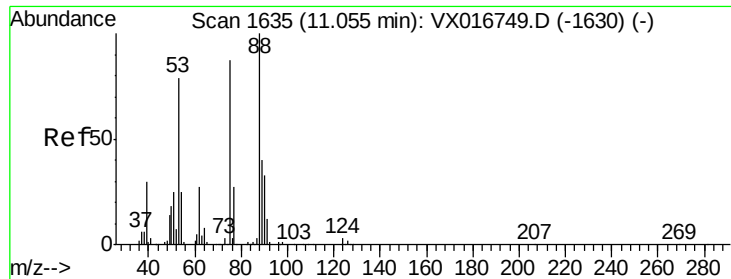
100000

0

11.45 11.50 11.55

Time-->





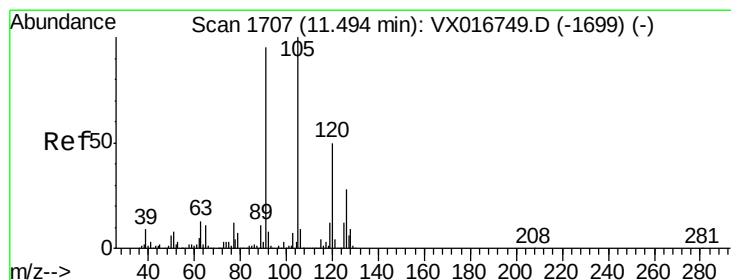
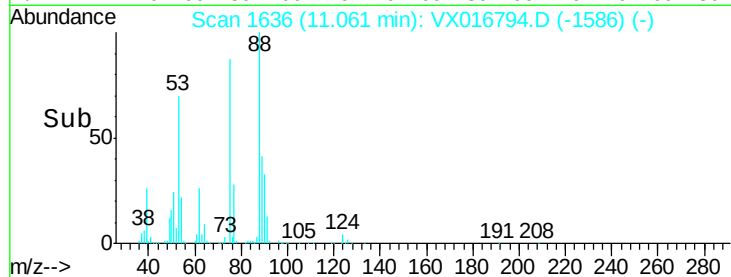
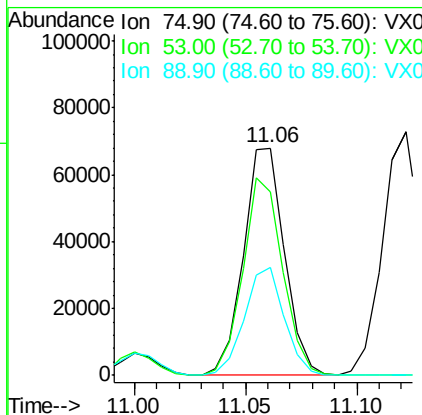
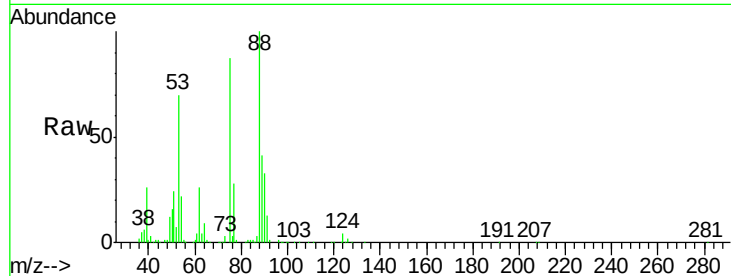
#81
trans-1,4-Dichloro-2-butene
Concen: 46.662 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.4	71.4	107.0
89	46.5	39.1	58.7

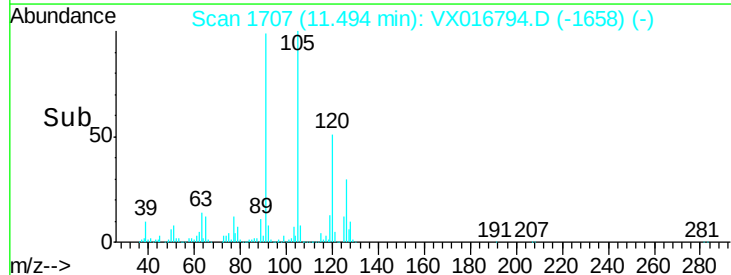
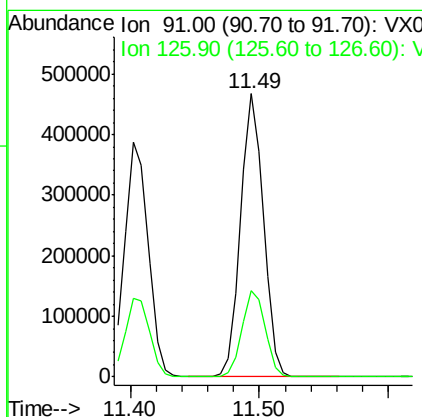
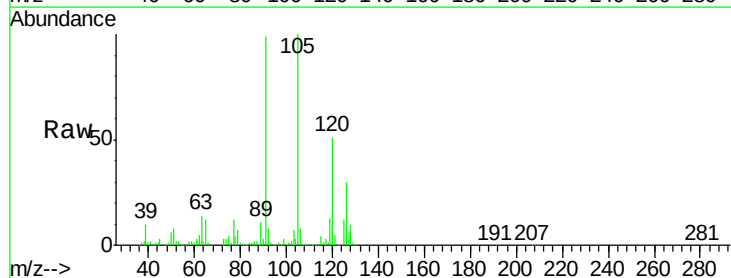
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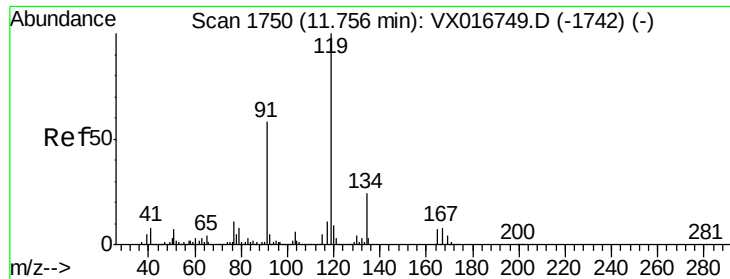
MMDadoda
6/17/2020 9:34:53 AM



#82
4-Chlorotoluene
Concen: 49.003 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.2	45.6





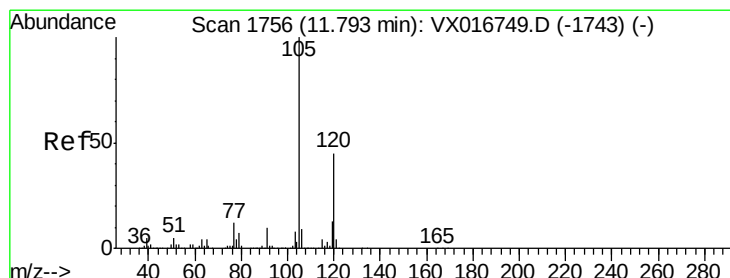
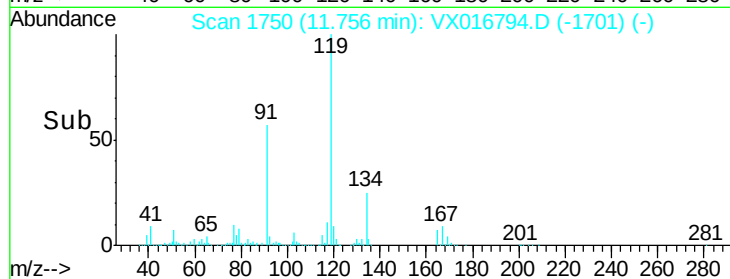
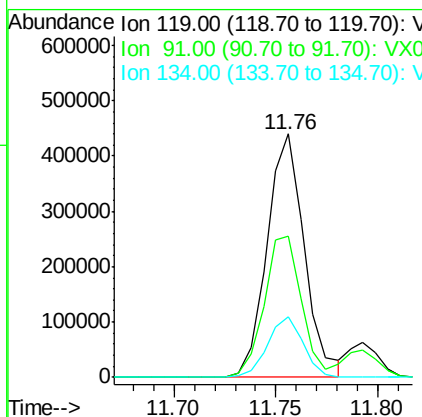
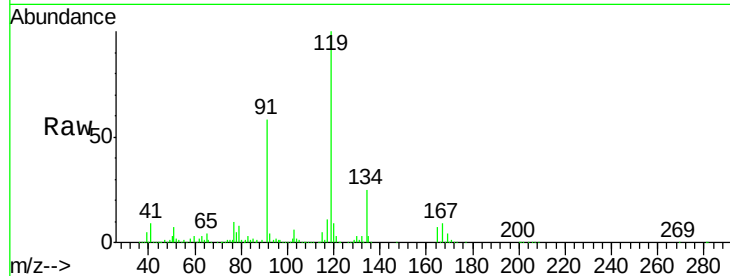
#83
 tert-Butylbenzene
 Concen: 50.064 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.3	88.0
134	23.7	11.8	35.3

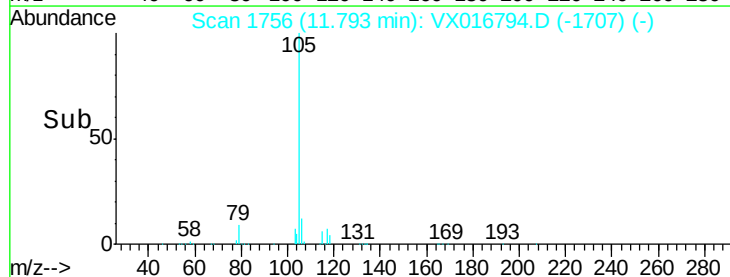
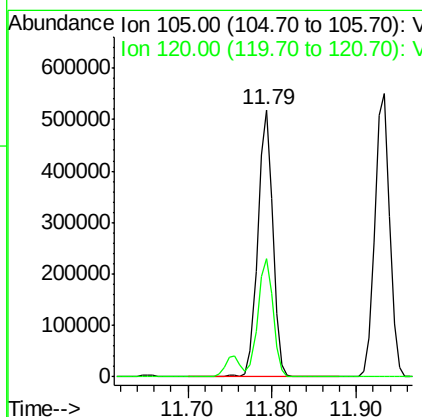
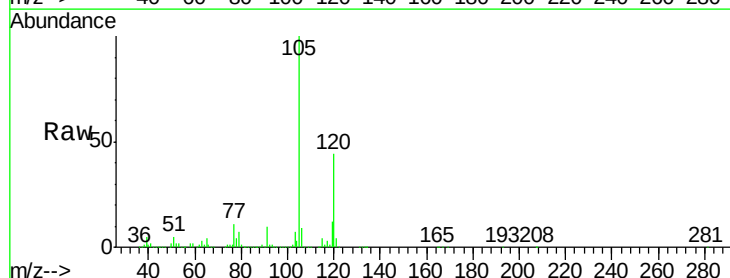
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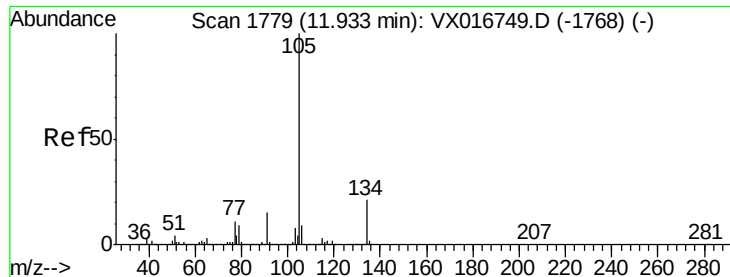
MMDadoda
 6/17/2020 9:34:53 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.930 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





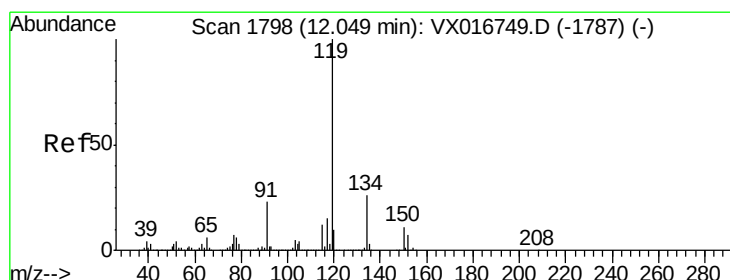
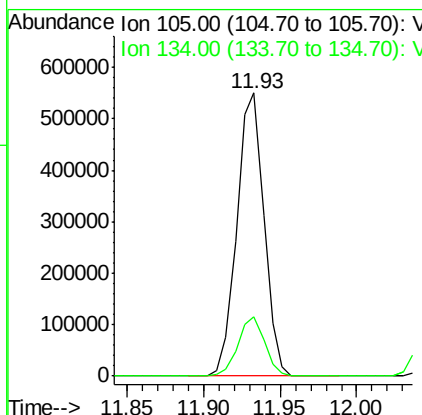
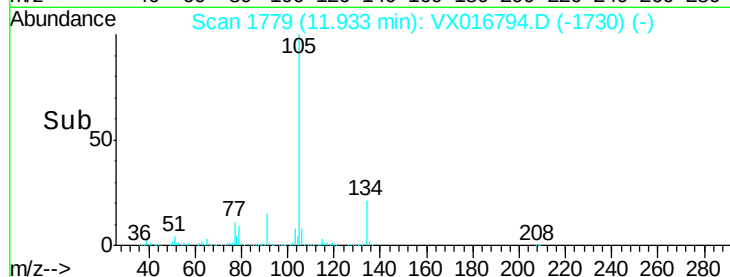
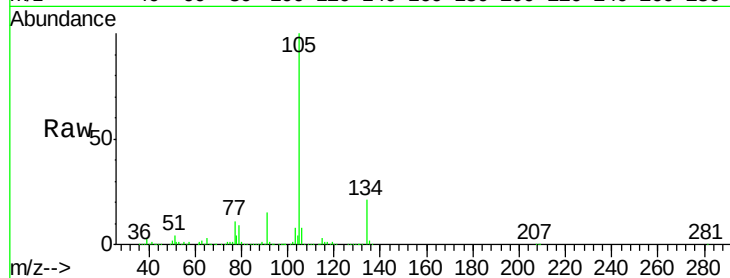
#85
 sec-Butylbenzene
 Concen: 51.485 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.3	30.8

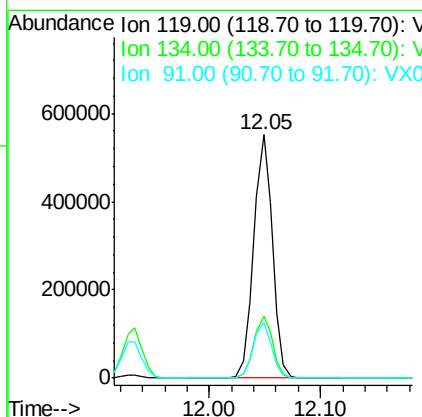
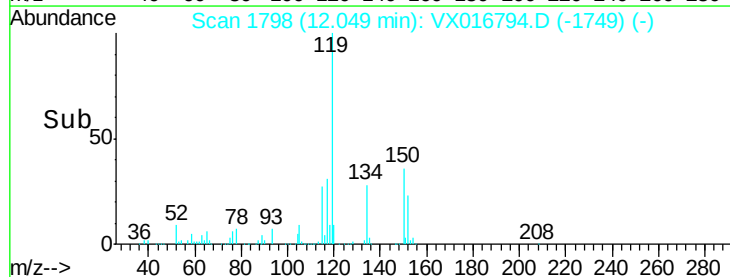
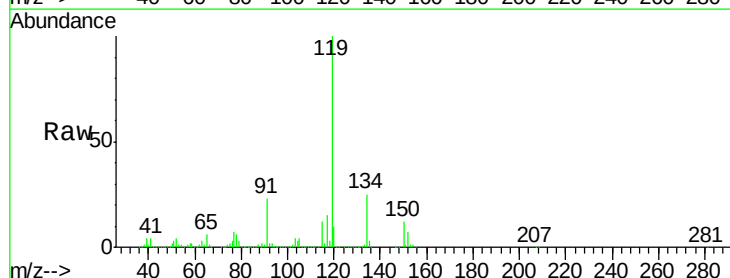
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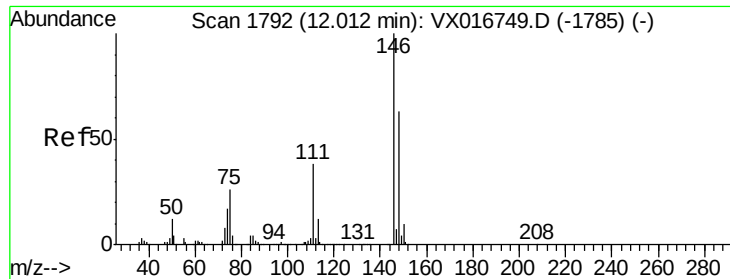
MMDadoda
 6/17/2020 9:34:53 AM



#86
 p-Isopropyltoluene
 Concen: 51.304 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	38.9
91	22.5	11.6	34.7





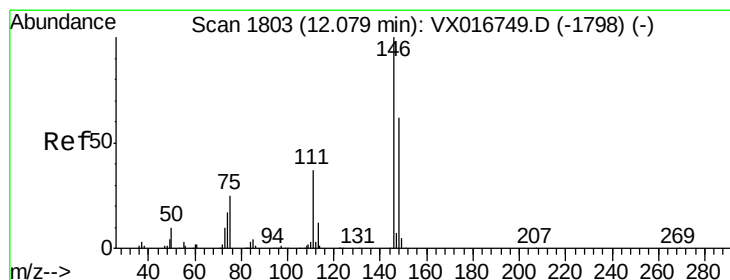
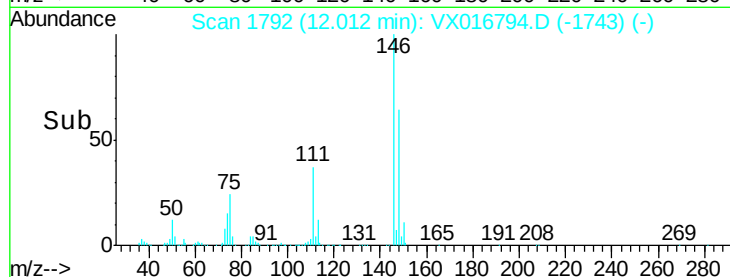
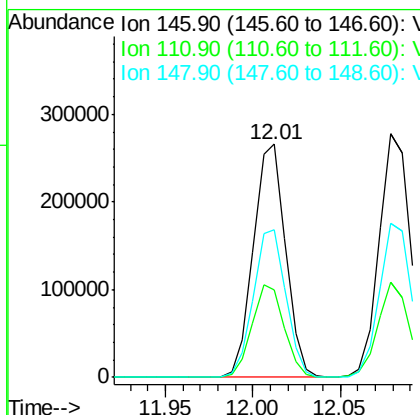
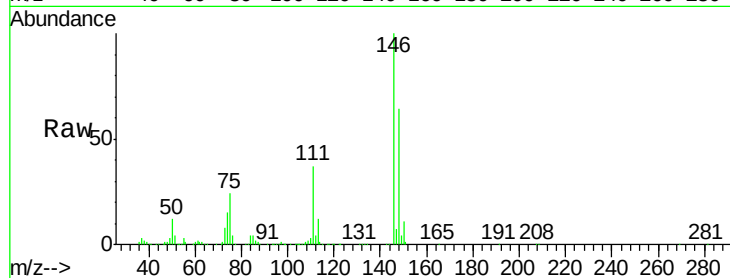
#87
 1,3-Dichlorobenzene
 Concen: 48.988 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.1	31.9	95.7

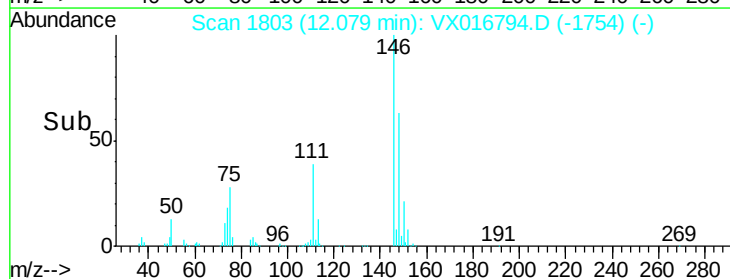
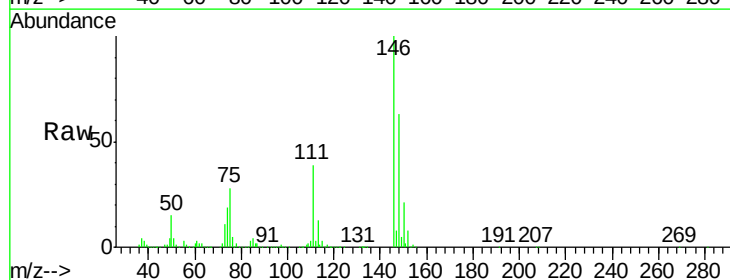
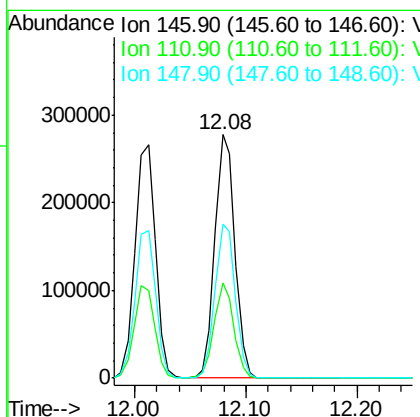
Manual Integrations
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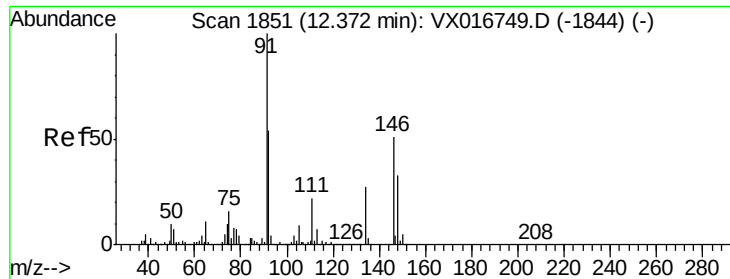
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 6/17/2020 9:34:53 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.762 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.1	32.1	96.5





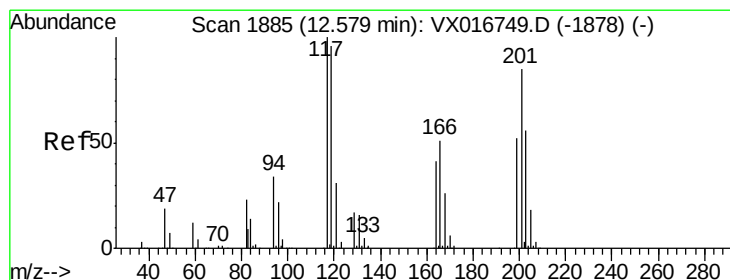
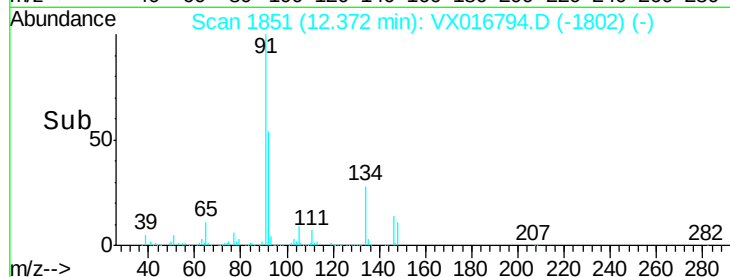
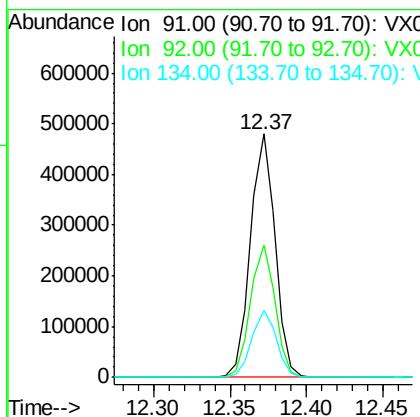
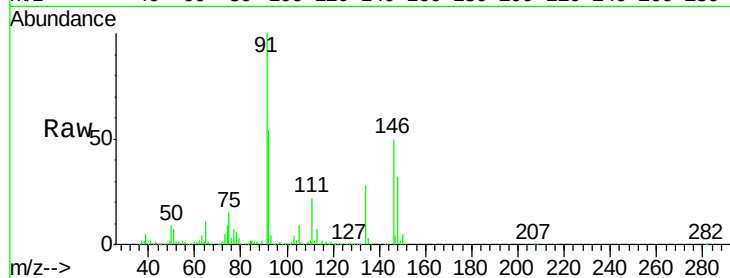
#89
n-Butylbenzene
Concen: 51.590 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.0	80.8
134	27.8	13.7	41.0

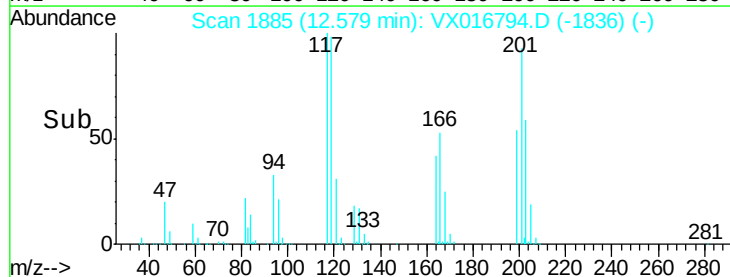
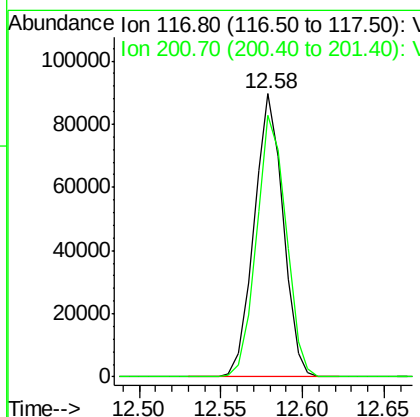
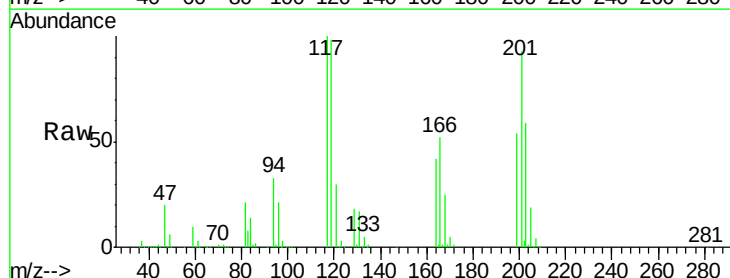
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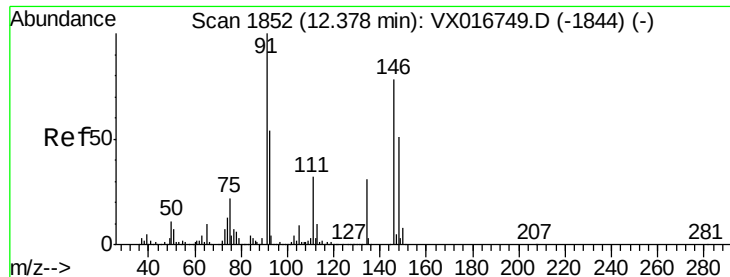
MMDadoda
6/17/2020 9:34:53 AM



#90
Hexachloroethane
Concen: 47.844 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	45.6	136.9





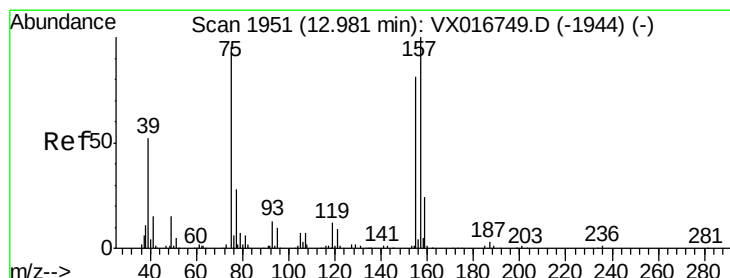
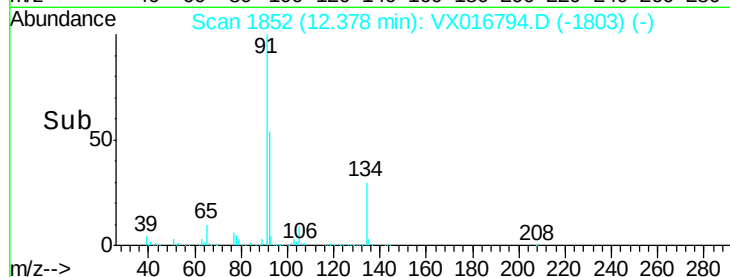
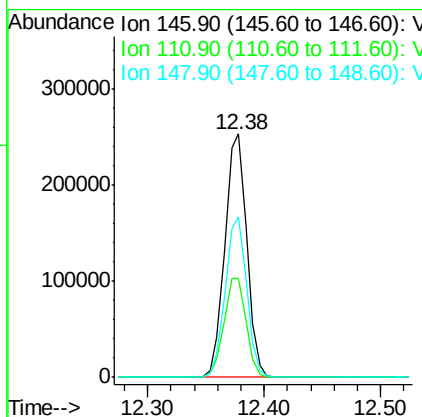
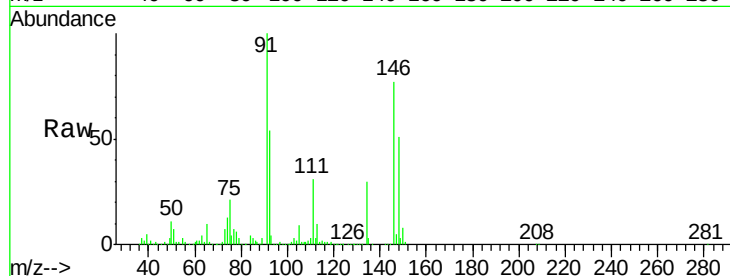
#91
1,2-Dichlorobenzene
Concen: 47.110 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.1	20.8	62.2	
148	64.6	32.1	96.5	

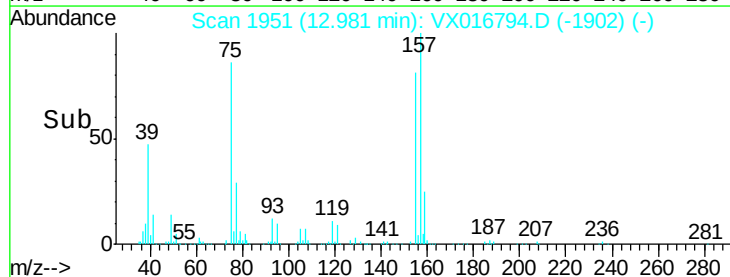
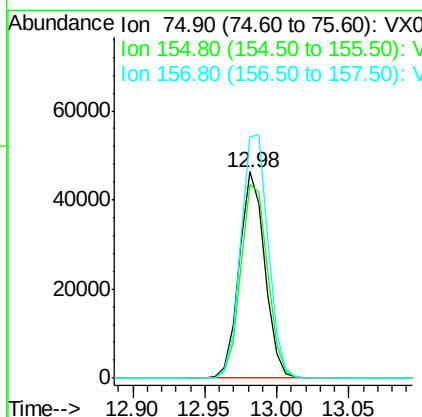
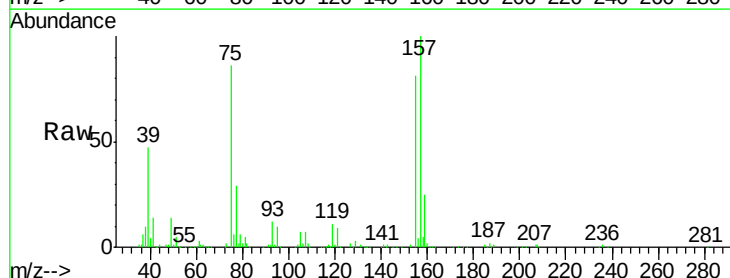
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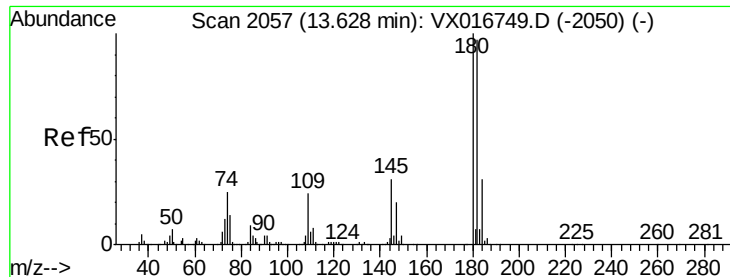
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 47.533 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX016794.D
Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	98.2	46.9	140.7	
157	125.2	59.6	178.7	





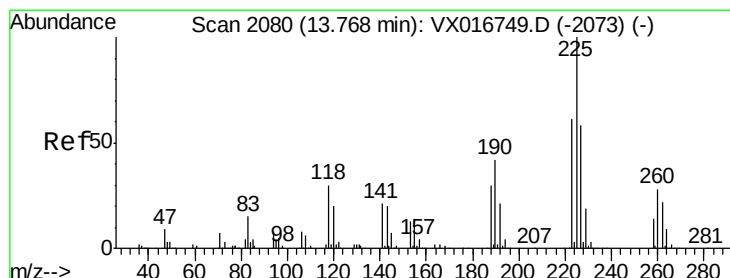
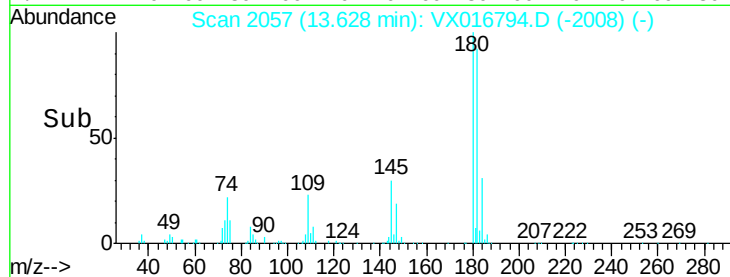
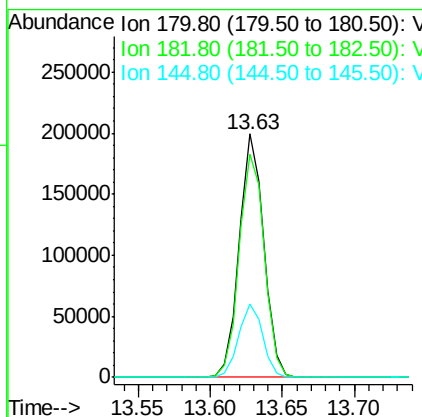
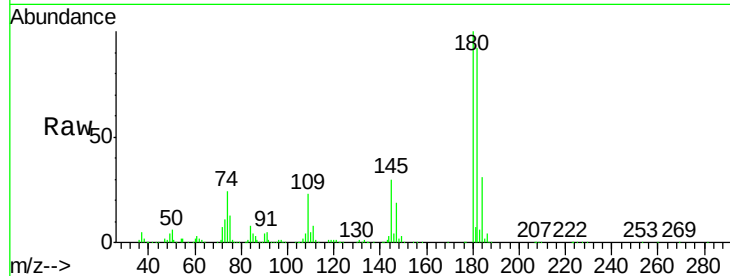
#93
 1,2,4-Trichlorobenzene
 Concen: 48.149 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	235026		
182	94.4	48.6	145.8	
145	29.9	15.4	46.4	

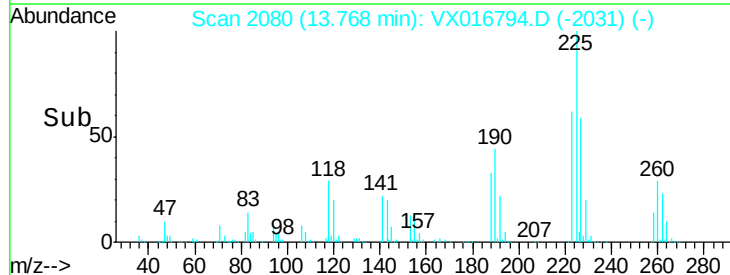
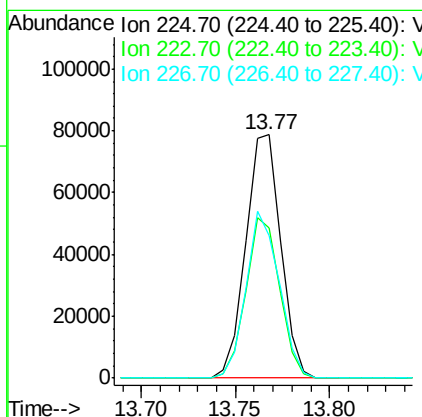
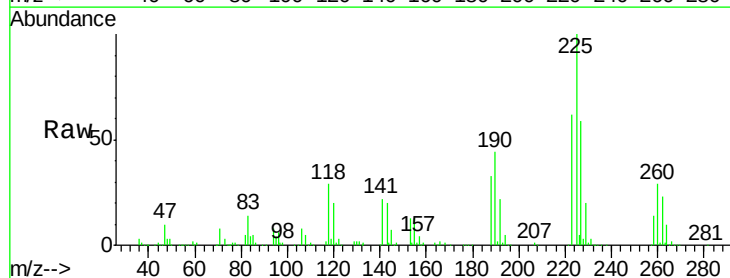
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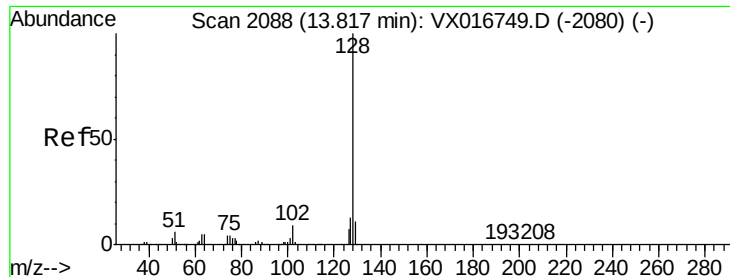
MMDadoda
 6/17/2020 9:34:53 AM



#94
 Hexachlorobutadiene
 Concen: 47.392 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016794.D
 Acq: 16 Jun 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101747		
223	63.6	31.1	93.5	
227	64.7	30.9	92.7	





#95

Naphthalene

Concen: 51.210 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Instrument :

MSVOA_X

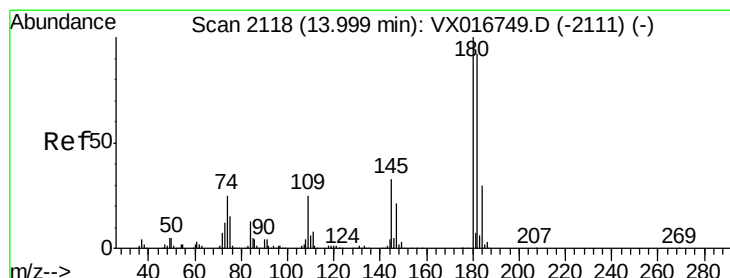
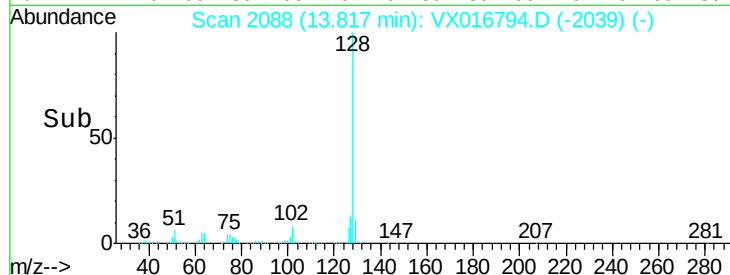
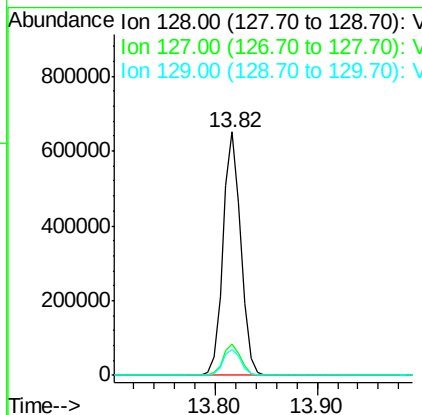
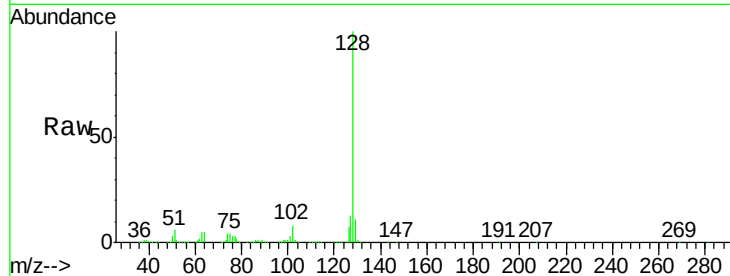
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	783092
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:34:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.051 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016794.D

Acq: 16 Jun 2020 20:47

Tgt Ion:	180	Resp:	230855
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.1	141.4
145	32.2	15.9	47.7

