

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017663.D
 Acq On : 28 Jul 2020 19:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:48 AM

Quant Time: Jul 29 03:57:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	604222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	950099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	913539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479080	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	386385	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.47	113	298543	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	8.70	98	1093558	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.12	95	434315	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	282821	50.461	ug/l	99
3) Chloromethane	1.31	50	323359	43.344	ug/l	99
4) Vinyl Chloride	1.39	62	320679	42.176	ug/l	96
5) Bromomethane	1.62	94	196473	47.951	ug/l	97
6) Chloroethane	1.71	64	194427	46.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	530865	44.389	ug/l	99
8) Diethyl Ether	2.17	74	182076	46.875	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	269288	41.032	ug/l	99
10) Methyl Iodide	2.50	142	329511	39.245	ug/l	96
11) Tert butyl alcohol	3.02	59	355310	217.208	ug/l	99
12) 1,1-Dichloroethene	2.36	96	266725	42.738	ug/l	95
13) Acrolein	2.27	56	298058	238.842	ug/l	100
14) Allyl chloride	2.71	41	521825	45.791	ug/l	99
15) Acrylonitrile	3.12	53	841606	238.204	ug/l	100
16) Acetone	2.42	43	760969	222.759	ug/l	94
17) Carbon Disulfide	2.55	76	754358	39.767	ug/l	98
18) Methyl Acetate	2.75	43	383484	47.665	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1000763	46.329	ug/l	100
20) Methylene Chloride	2.84	84	319315	49.621	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	300255	44.909	ug/l	97
22) Diisopropyl ether	3.83	45	988311	47.431	ug/l	96
23) Vinyl Acetate	3.79	43	4467766	240.478	ug/l	100
24) 1,1-Dichloroethane	3.67	63	565158	47.084	ug/l	98
25) 2-Butanone	4.64	43	1184074	243.991	ug/l	99
26) 2,2-Dichloropropane	4.56	77	487997	45.418	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	349250	48.094	ug/l	97
28) Bromochloromethane	4.98	49	265178	48.752	ug/l	97
29) Tetrahydrofuran	5.09	42	749050	249.182	ug/l	100
30) Chloroform	5.18	83	591996	48.269	ug/l	98
31) Cyclohexane	5.55	56	470403	49.144	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	552796	47.798	ug/l	99
36) 1,1-Dichloropropene	5.78	75	430635	47.259	ug/l	100
37) Ethyl Acetate	4.80	43	467457	46.885	ug/l	99
38) Carbon Tetrachloride	5.76	117	511098	46.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	470165	44.199	ug/l	100
40) Benzene	6.12	78	1228572	47.027	ug/l	100
41) Methacrylonitrile	5.01	41	260358	45.558	ug/l	98
42) 1,2-Dichloroethane	6.17	62	504743	47.226	ug/l	99
43) Isopropyl Acetate	6.42	43	771661	46.909	ug/l	99
44) Trichloroethene	7.19	130	360311	47.194	ug/l	95
45) 1,2-Dichloropropane	7.49	63	327999	45.290	ug/l	99
46) Dibromomethane	7.64	93	228781	44.700	ug/l	98
47) Bromodichloromethane	7.88	83	484064	47.004	ug/l	99
48) Methyl methacrylate	7.75	41	382985	46.967	ug/l	98
49) 1,4-Dioxane	7.71	88	132478	847.387	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2393195	243.823	ug/l	99
52) Toluene	8.77	92	817455	48.791	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	548177	47.551	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	558465	47.494	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	331740	47.531	ug/l	99
56) Ethyl methacrylate	9.16	69	524390	49.871	ug/l	99
57) 1,3-Dichloropropane	9.35	76	545471	47.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1302748	235.163	ug/l	99
59) 2-Hexanone	9.48	43	1832217	247.938	ug/l	99
60) Dibromochloromethane	9.57	129	415610	46.851	ug/l	100
61) 1,2-Dibromoethane	9.65	107	363996	48.986	ug/l	99
64) Tetrachloroethene	9.32	164	353105	43.065	ug/l	99
65) Chlorobenzene	10.12	112	902188	45.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	368573	46.185	ug/l	100
67) Ethyl Benzene	10.24	91	1581743	47.920	ug/l	100
68) m/p-Xylenes	10.34	106	1207457	94.428	ug/l	98
69) o-Xylene	10.68	106	574149	46.685	ug/l	99
70) Styrene	10.70	104	997802	47.686	ug/l	100
71) Bromoform	10.84	173	325717	47.109	ug/l #	99
73) Isopropylbenzene	11.00	105	1569947	47.769	ug/l	100
74) N-amyl acetate	10.88	43	700824	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	471304	45.943	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	454394m	46.108	ug/l	
77) Bromobenzene	11.24	156	422539	45.924	ug/l	99
78) n-propylbenzene	11.35	91	1772642	47.822	ug/l	99
79) 2-Chlorotoluene	11.40	91	1057424	46.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1328275	47.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	175721	44.930	ug/l	99
82) 4-Chlorotoluene	11.49	91	1267787	46.806	ug/l	100
83) tert-Butylbenzene	11.76	119	1299101	48.383	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1362970	48.834	ug/l	99
85) sec-Butylbenzene	11.93	105	1483657	47.433	ug/l	100
86) p-Isopropyltoluene	12.05	119	1413101	47.440	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715856	45.307	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	749956	45.824	ug/l	98
89) n-Butylbenzene	12.37	91	1201685	45.275	ug/l	99
90) Hexachloroethane	12.58	117	262385	44.680	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	708689	45.637	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	123568	42.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518285	48.903	ug/l	96
94) Hexachlorobutadiene	13.77	225	186583	38.246	ug/l	97
95) Naphthalene	13.82	128	1632386	51.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	500255	47.805	ug/l	98

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

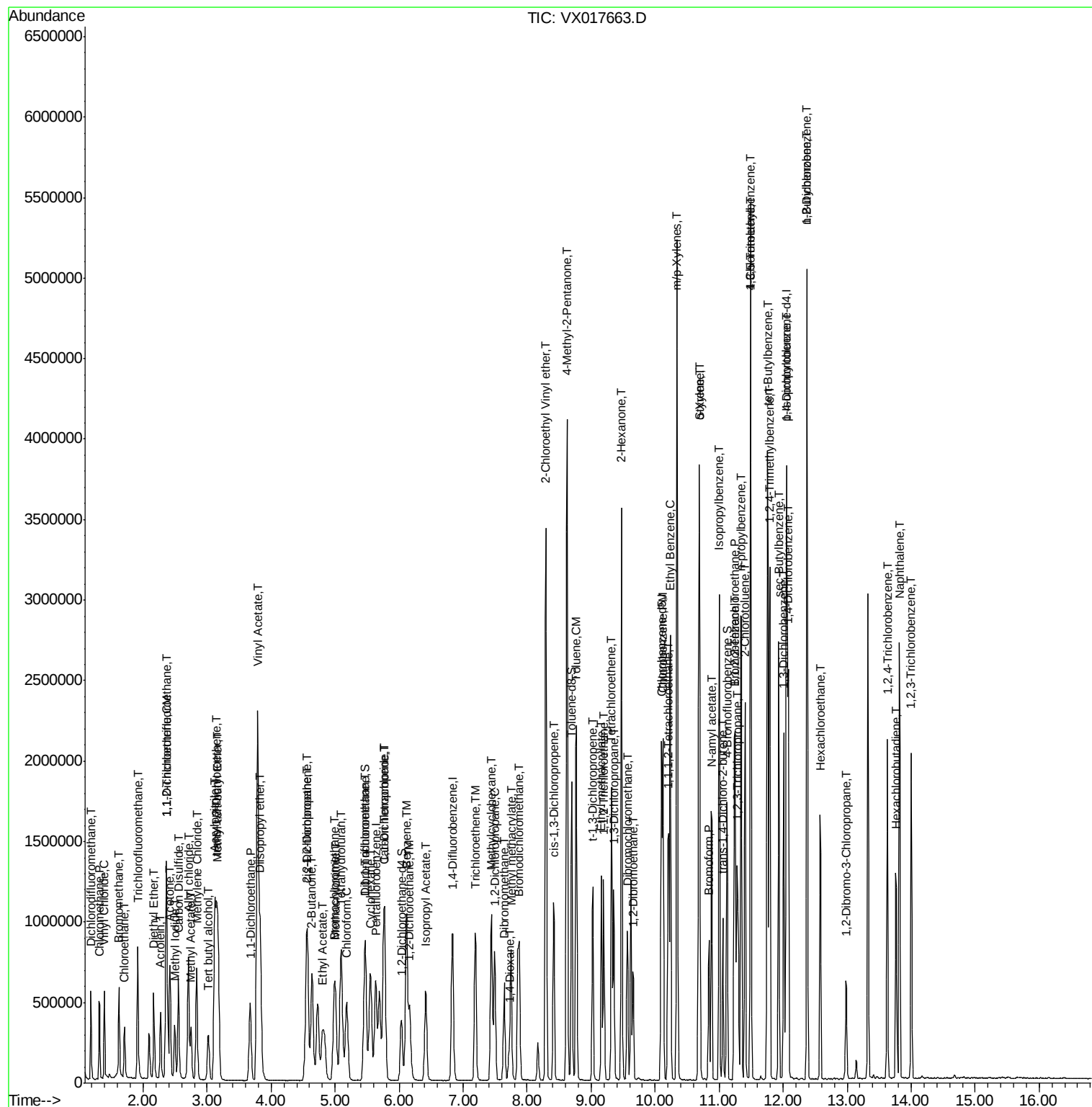
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
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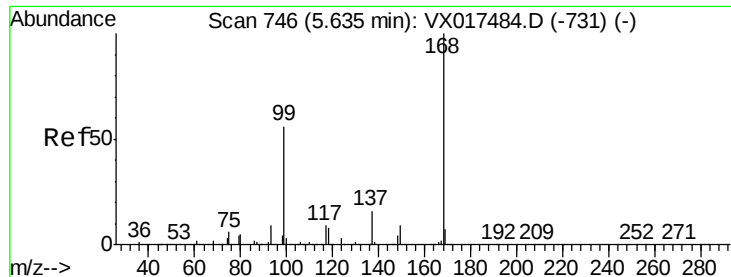
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 604222

Ion Ratio Lower Upper

168 100

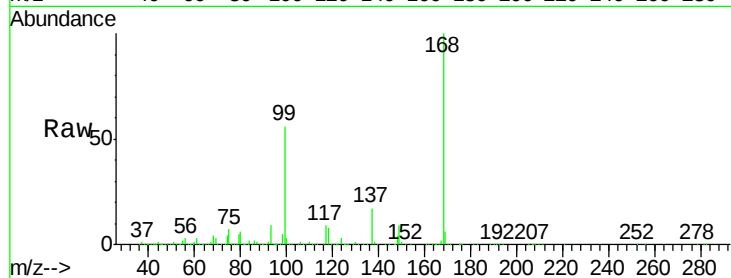
99 55.8 43.4 65.2

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

250000

200000

150000

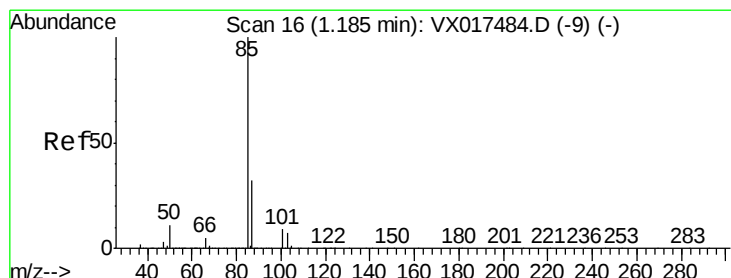
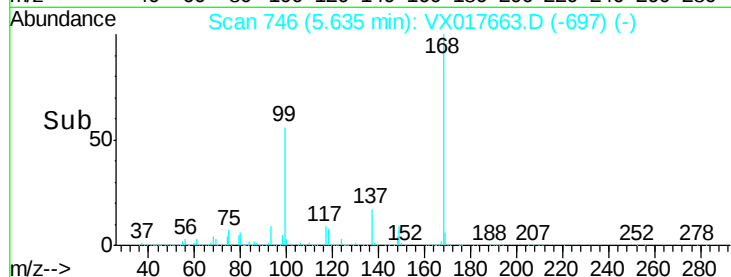
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.461 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017663.D

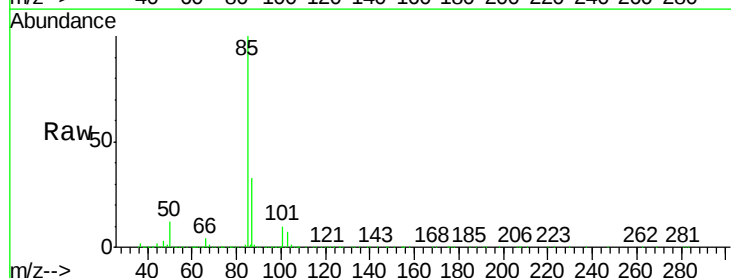
Acq: 28 Jul 2020 19:06

Tgt Ion: 85 Resp: 282821

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

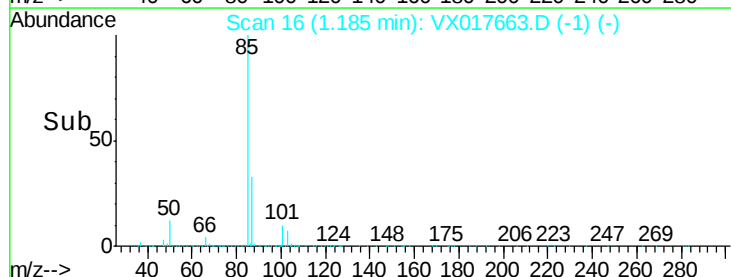
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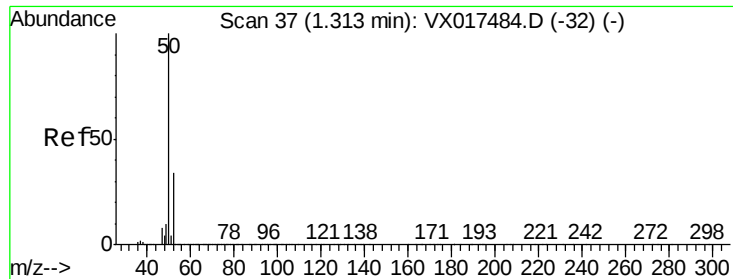
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1.10 1.15 1.20 1.25 1.30

Time-->





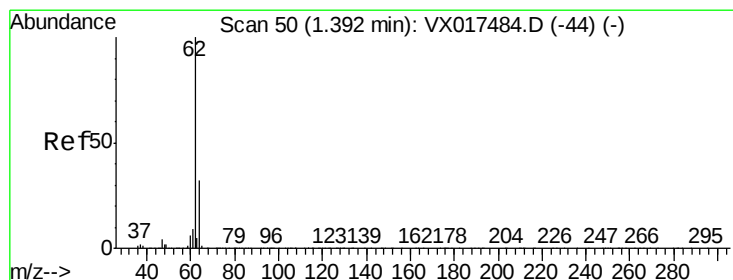
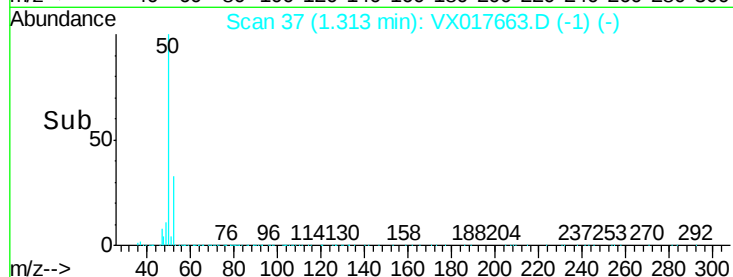
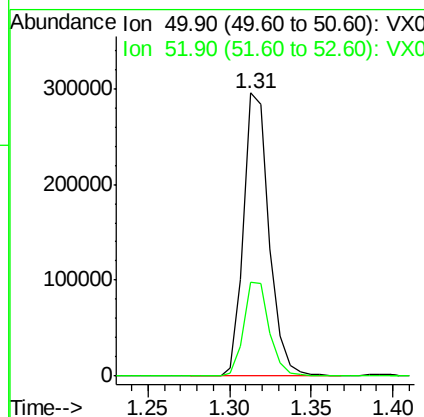
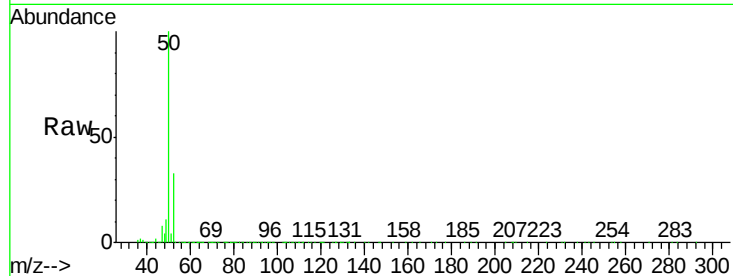
#3
Chloromethane
Concen: 43.344 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.9	38.9

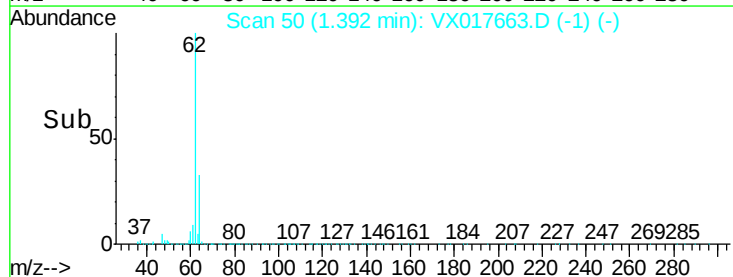
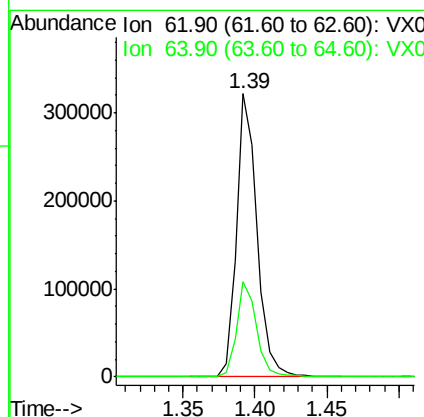
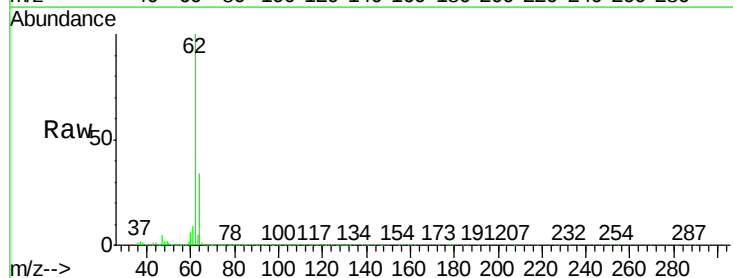
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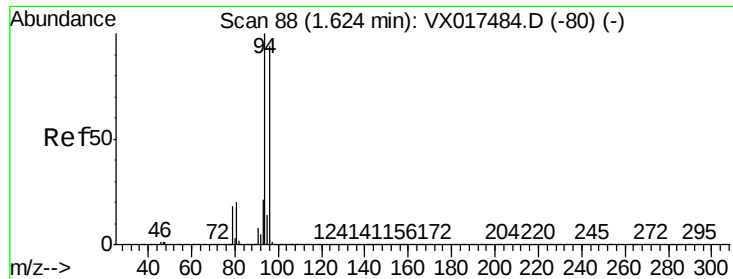
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#4
Vinyl Chloride
Concen: 42.176 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.2	37.8





#5

Bromomethane

Concen: 47.951 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 196473

Ion Ratio Lower Upper

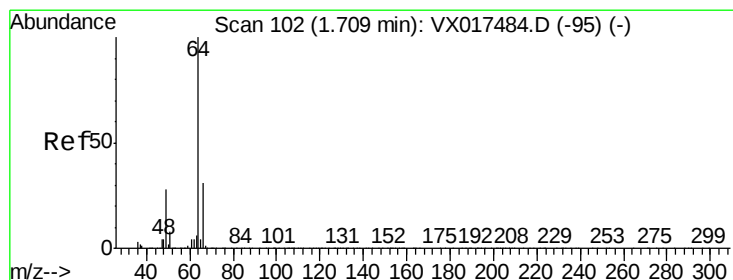
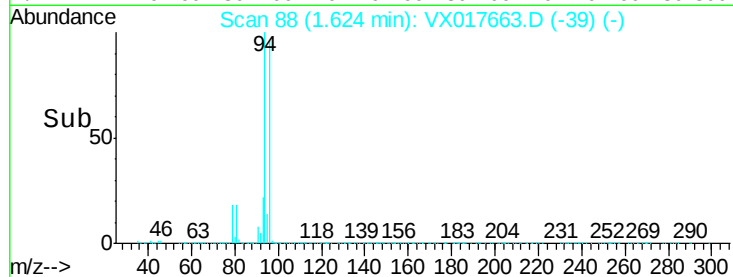
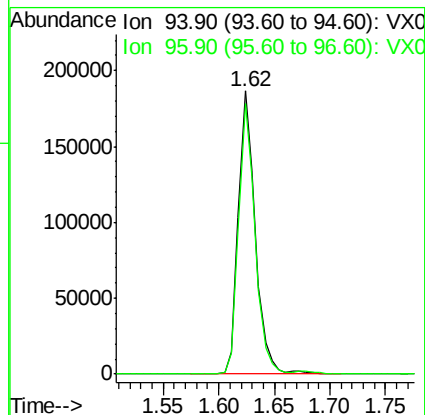
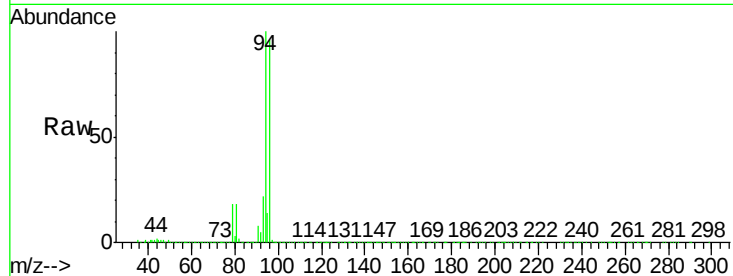
94 100

96 95.7 74.1 111.1

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#6

Chloroethane

Concen: 46.316 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017663.D

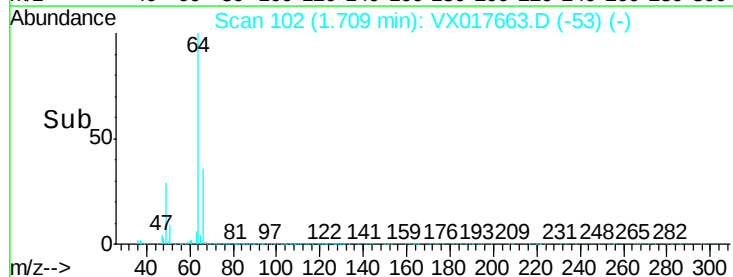
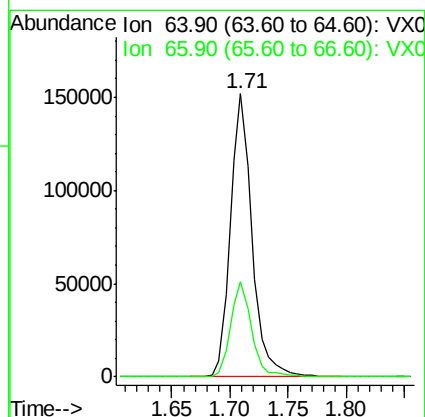
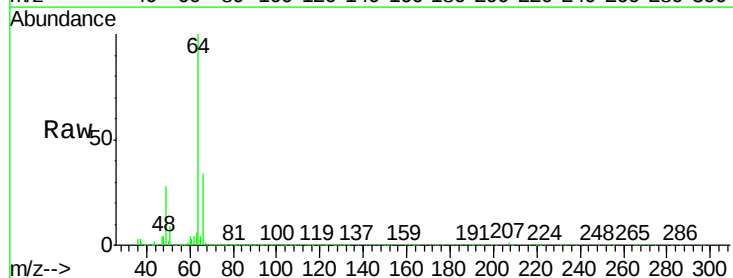
Acq: 28 Jul 2020 19:06

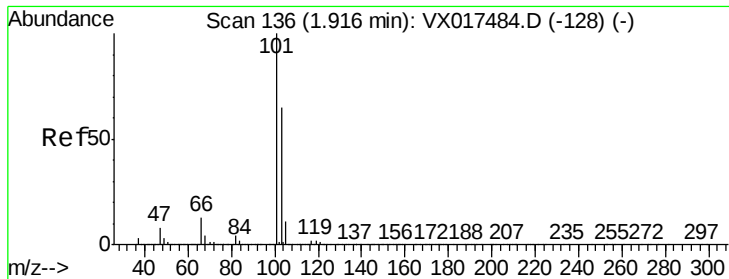
Tgt Ion: 64 Resp: 194427

Ion Ratio Lower Upper

64 100

66 33.7 24.9 37.3





#7

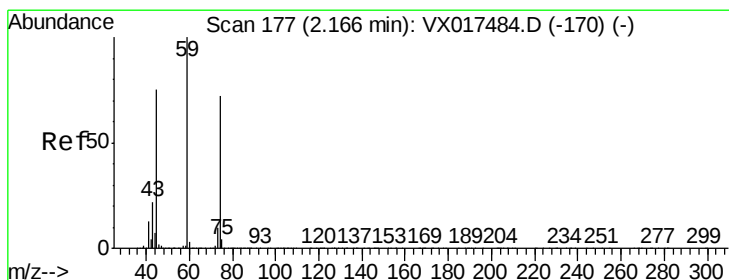
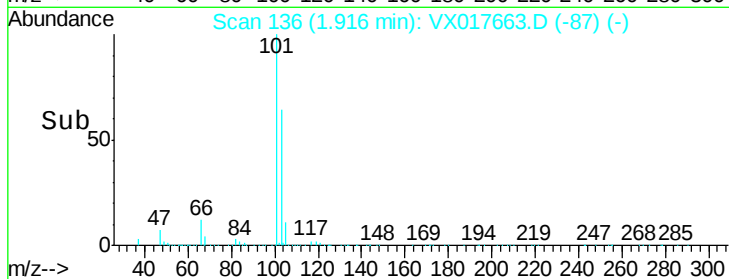
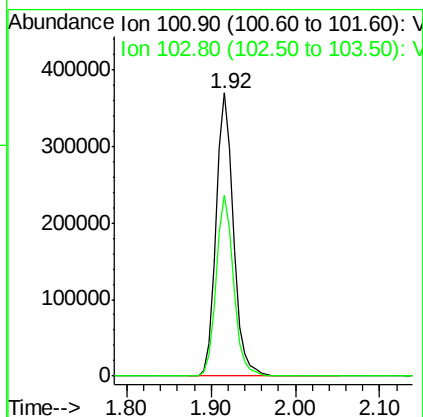
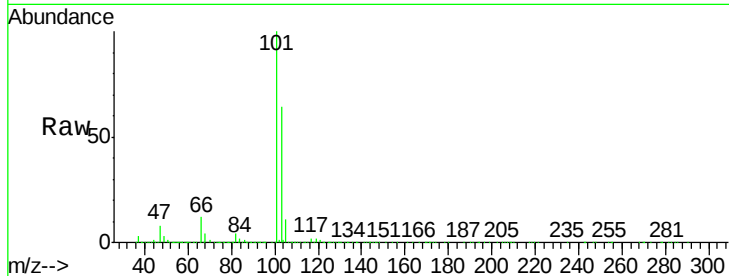
Trichlorofluoromethane
Concen: 44.389 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.8

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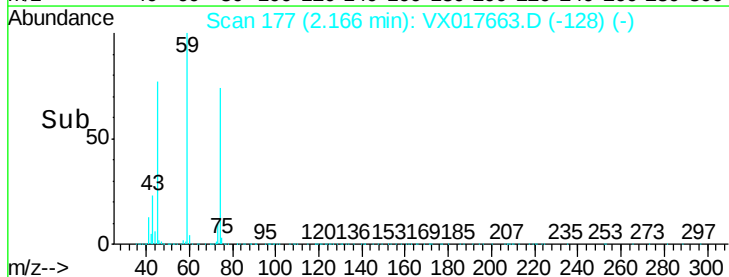
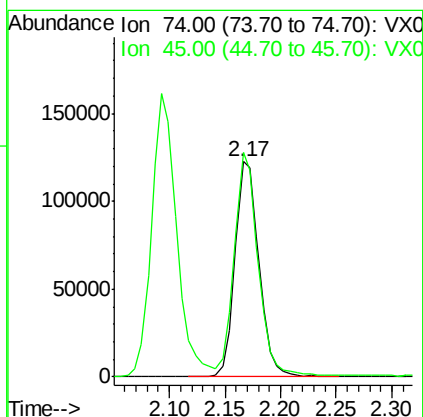
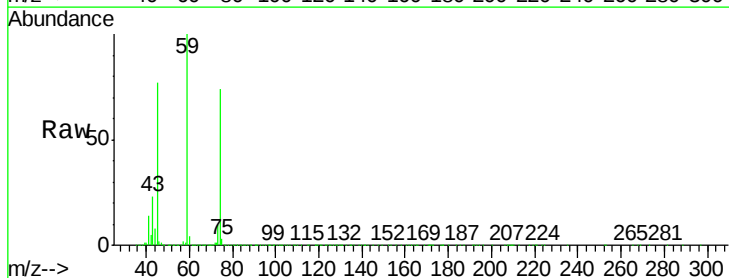
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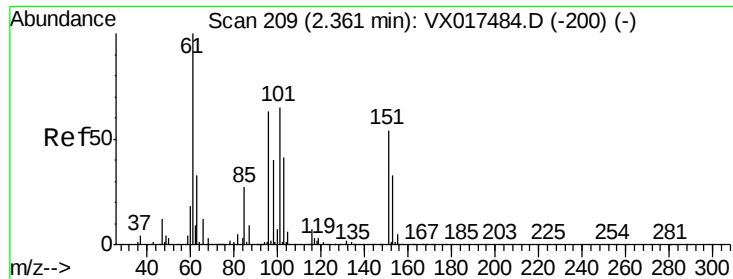


#8

Diethyl Ether
Concen: 46.875 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.032 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

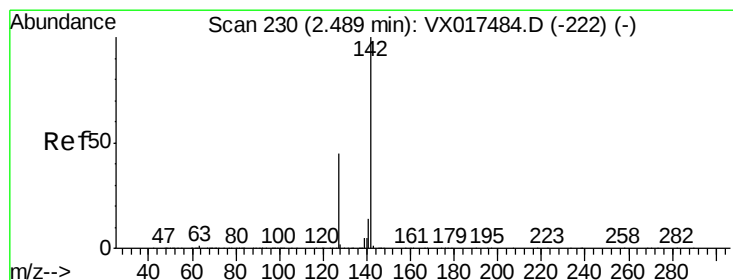
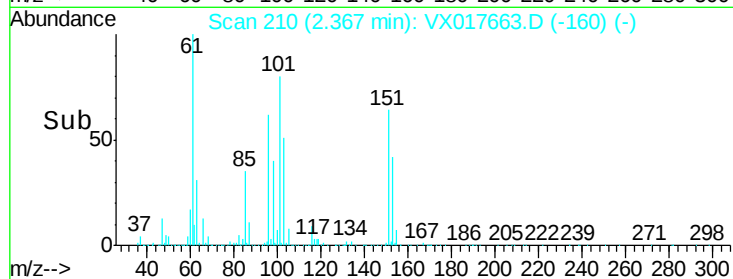
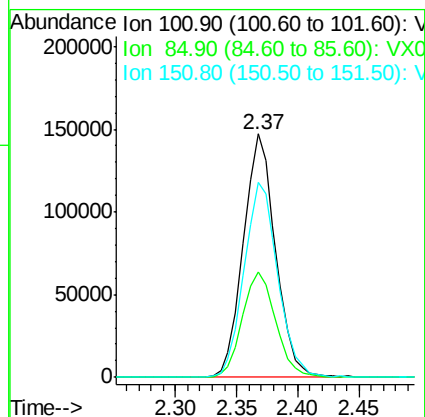
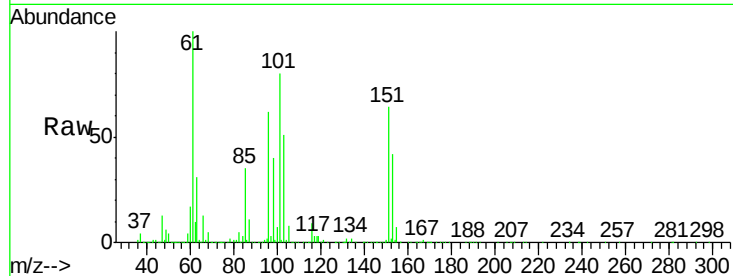
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	269288
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.8	52.2
151	84.0	68.0	102.0

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#10

Methyl Iodide

Concen: 39.245 ug/l

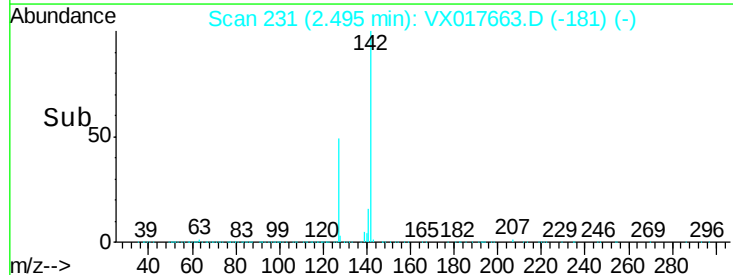
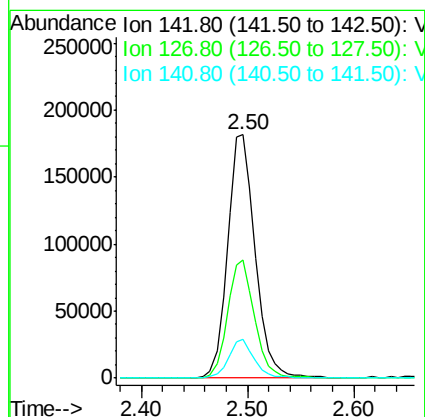
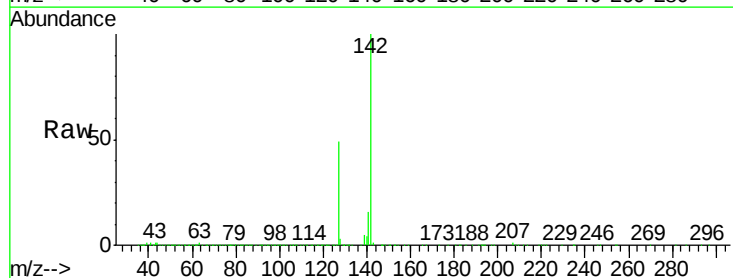
RT: 2.50 min Scan# 231

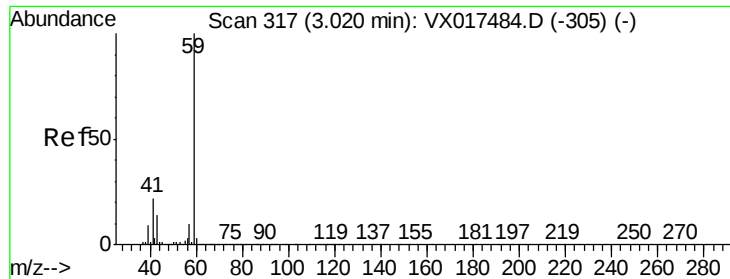
Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	142	Resp:	329511
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.9	53.9
141	14.7	11.4	17.0





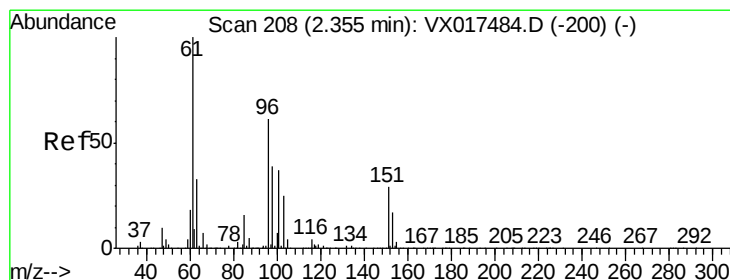
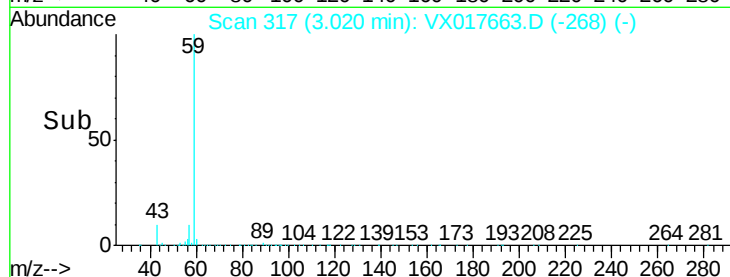
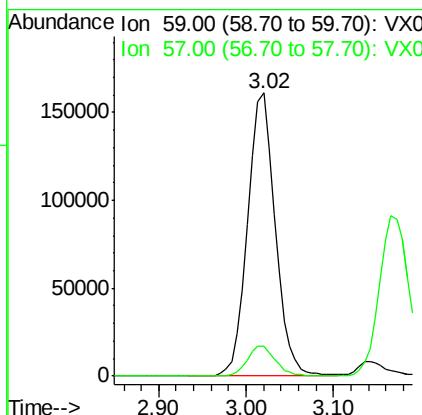
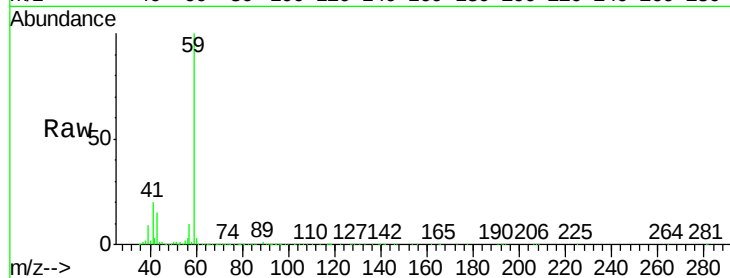
#11
Tert butyl alcohol
Concen: 217.208 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 355310
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

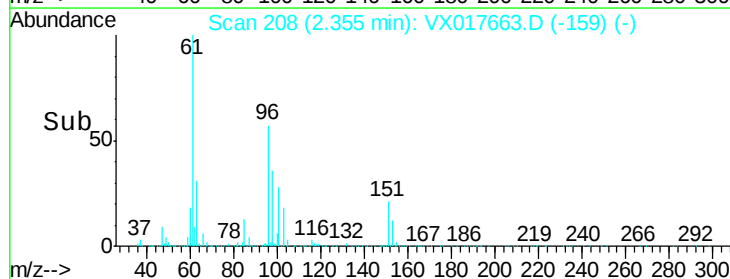
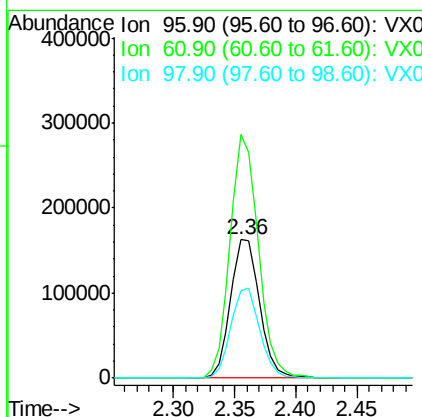
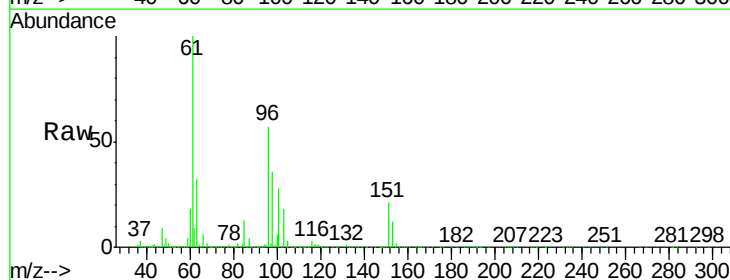
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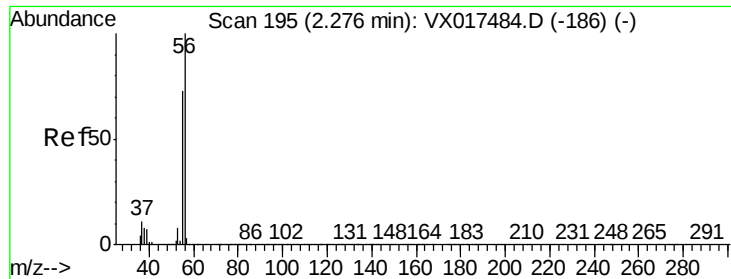
MMDadoda
7/29/2020 10:49:48 AM



#12
1,1-Dichloroethene
Concen: 42.738 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 96 Resp: 266725
Ion Ratio Lower Upper
96 100
61 176.3 134.0 201.0
98 63.7 51.0 76.4





#13

Acrolein

Concen: 238.842 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 298058

Ion Ratio Lower Upper

56 100

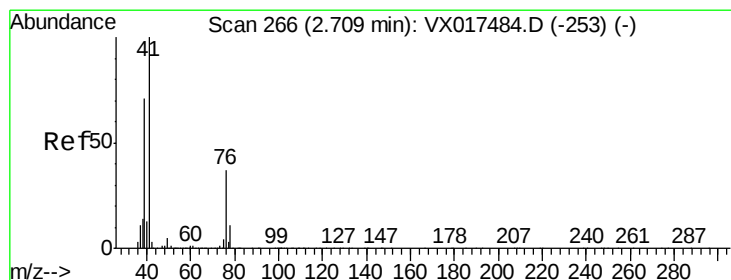
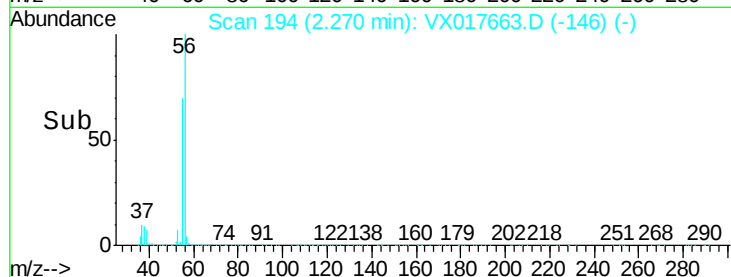
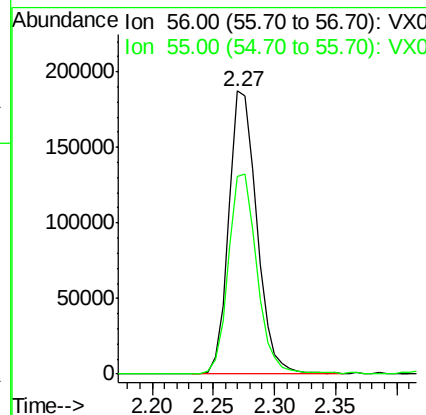
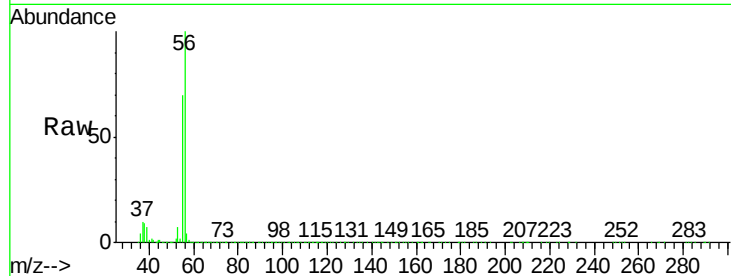
55 71.7 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 45.791 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

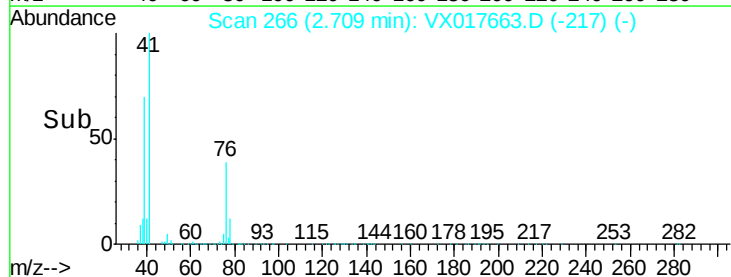
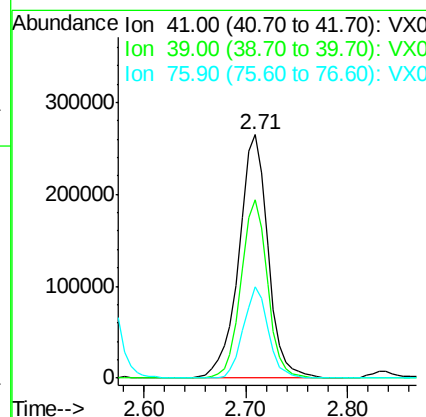
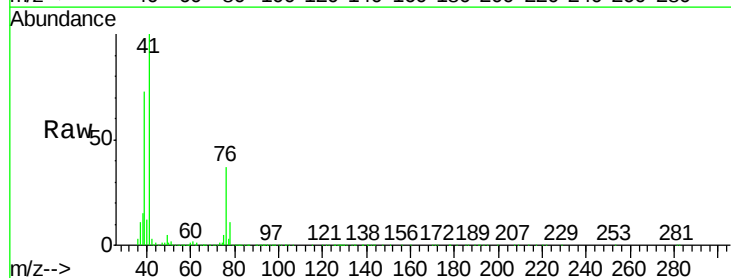
Tgt Ion: 41 Resp: 521825

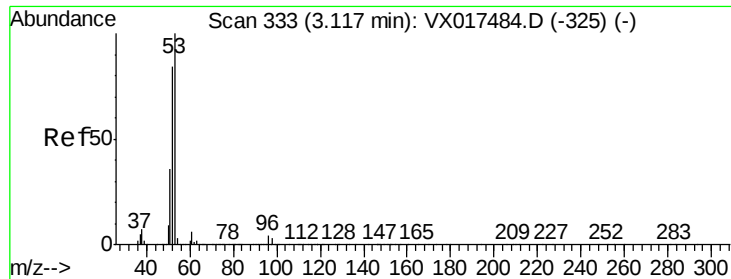
Ion Ratio Lower Upper

41 100

39 66.3 51.9 77.9

76 32.0 25.5 38.3





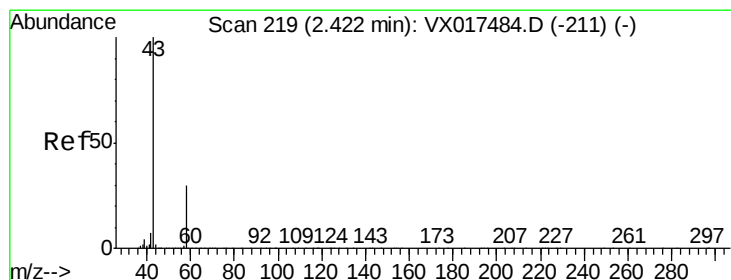
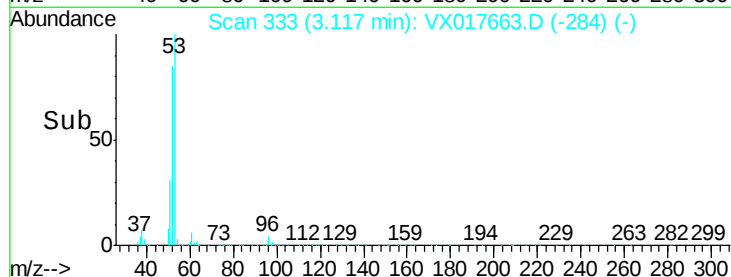
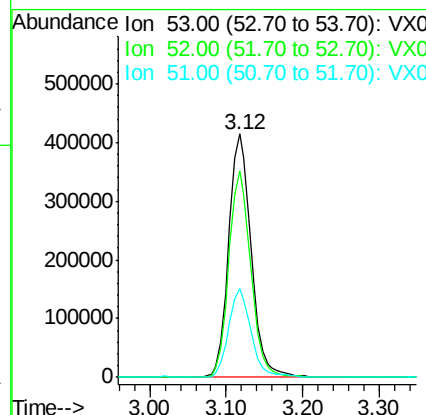
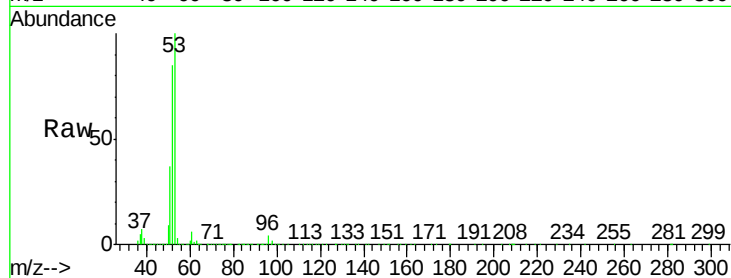
#15
Acrylonitrile
Concen: 238.204 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	99.8
51	36.6	29.4	44.2

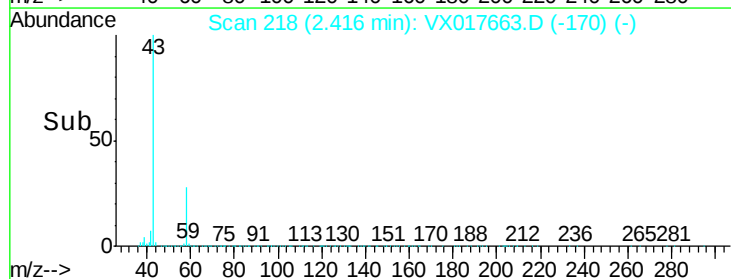
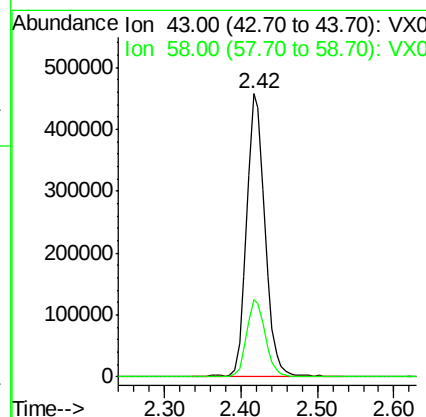
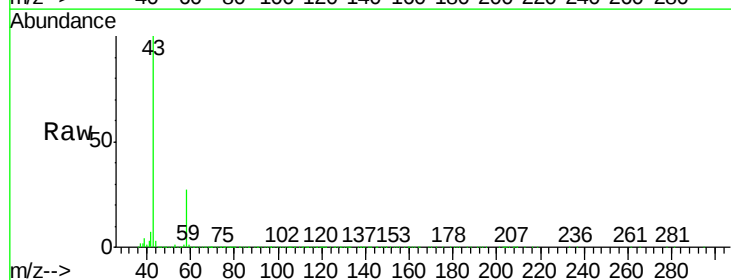
Manual Integrations
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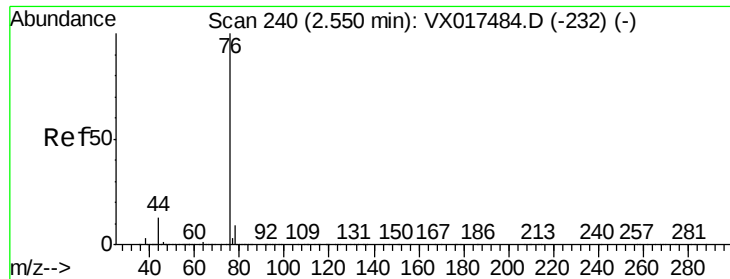
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#16
Acetone
Concen: 222.759 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.3	24.2	36.4





#17

Carbon Disulfide

Concen: 39.767 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 754358

Ion Ratio Lower Upper

76 100

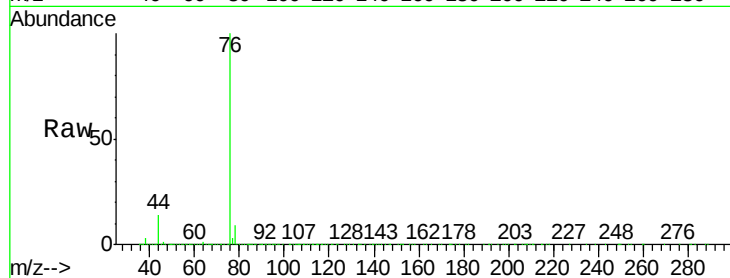
78 8.6 7.5 11.3

Manual Integrations

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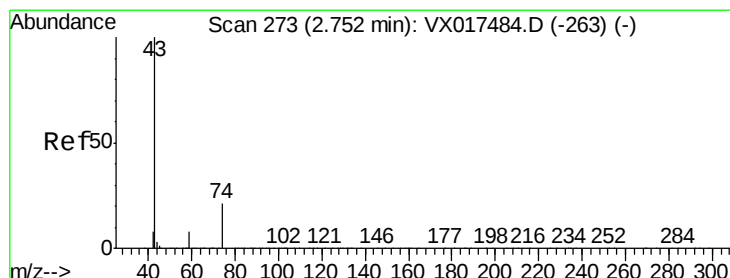
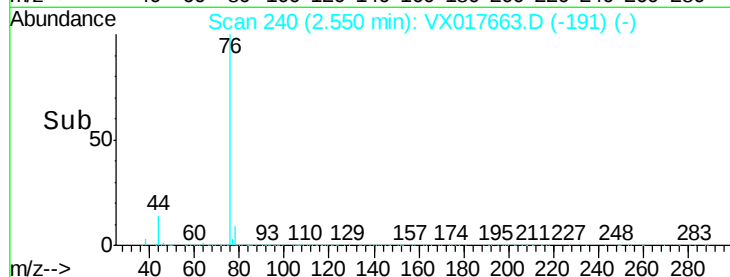
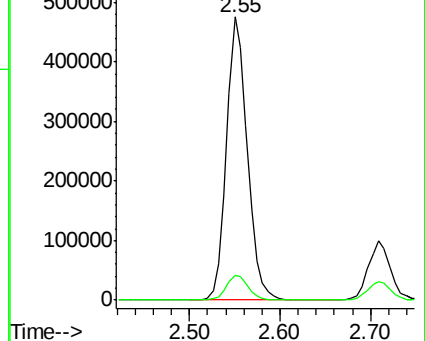
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.665 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017663.D

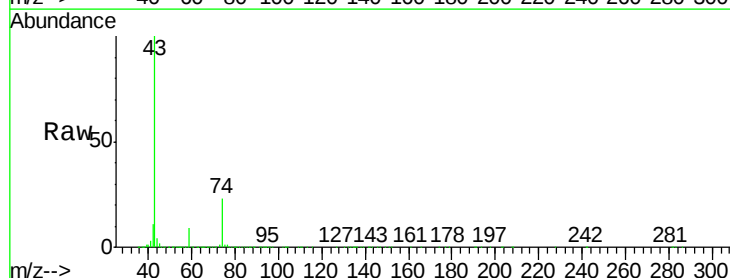
Acq: 28 Jul 2020 19:06

Tgt Ion: 43 Resp: 383484

Ion Ratio Lower Upper

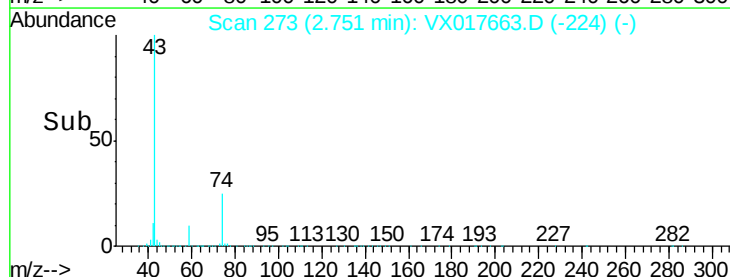
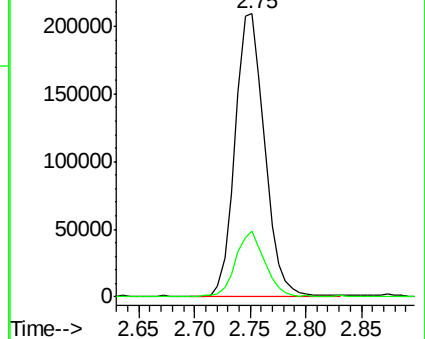
43 100

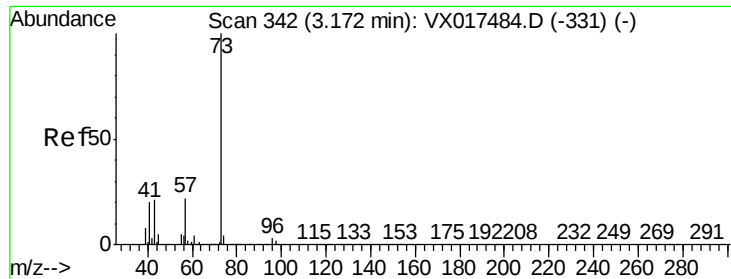
74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





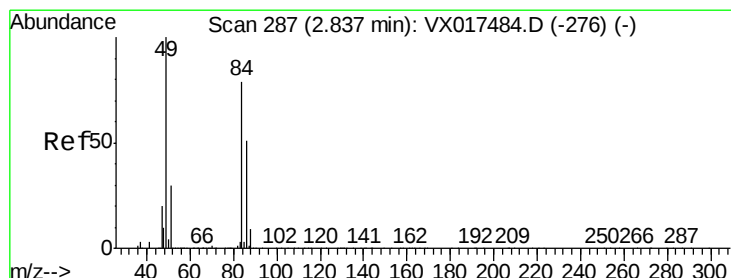
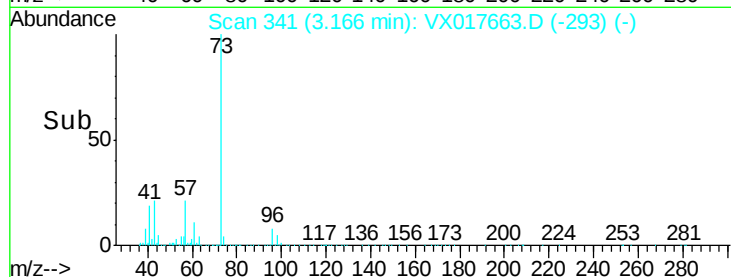
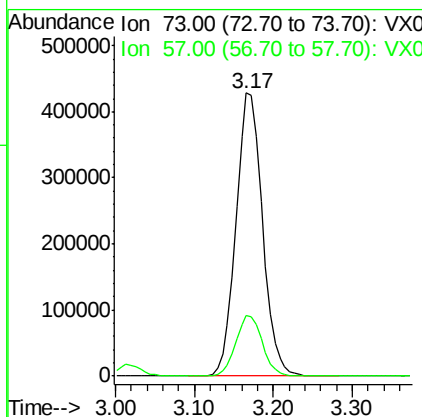
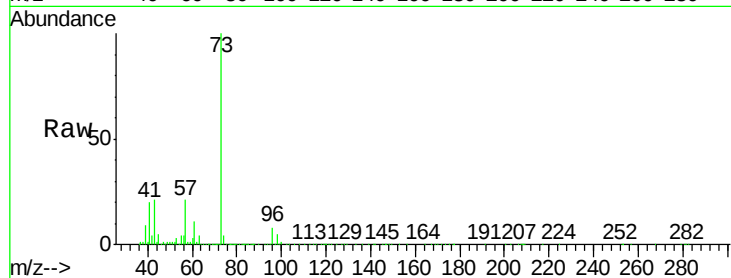
#19
Methyl tert-butyl Ether
Concen: 46.329 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 1000763
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4

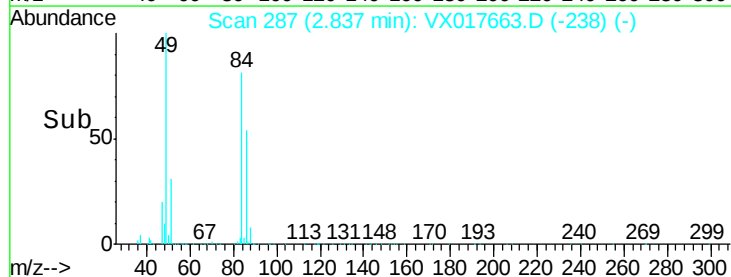
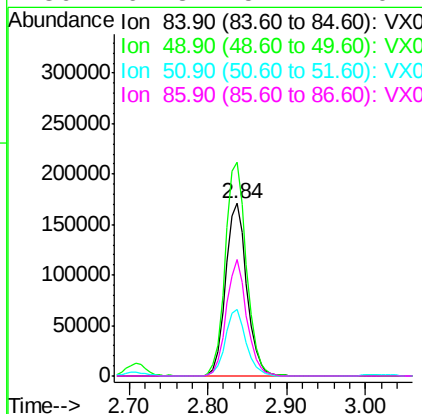
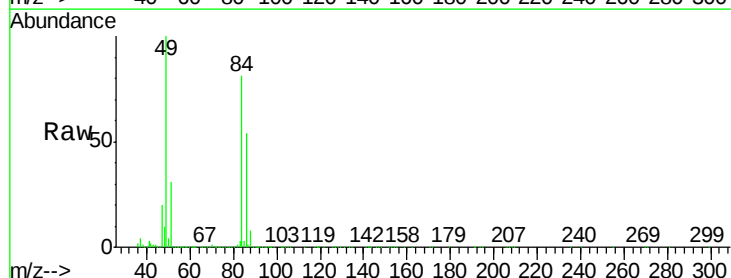
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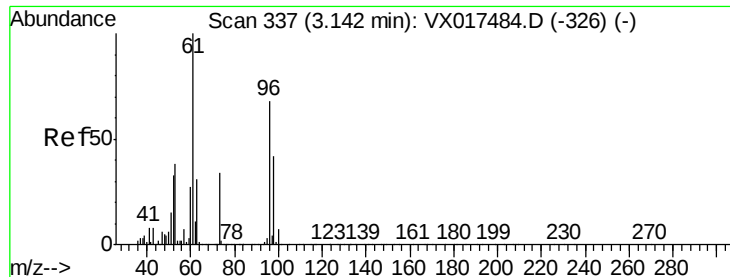
MMDadoda
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#20
Methylene Chloride
Concen: 49.621 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 84 Resp: 319315
Ion Ratio Lower Upper
84 100
49 123.7 100.3 150.5
51 38.5 30.5 45.7
86 67.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.909 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

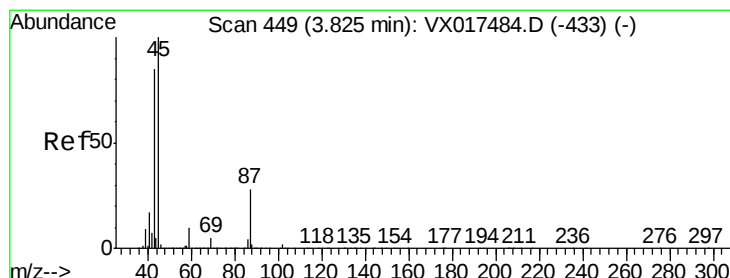
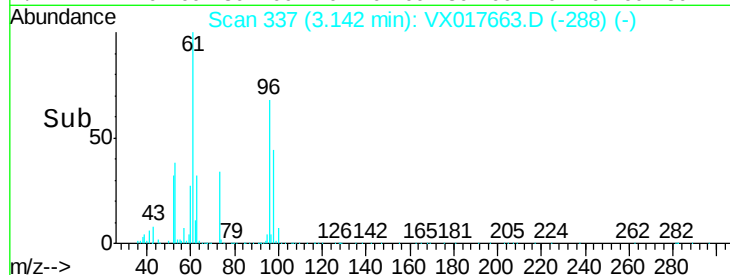
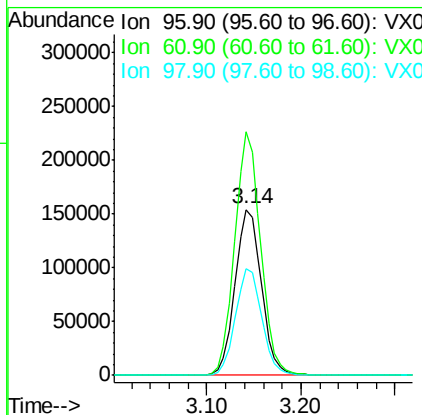
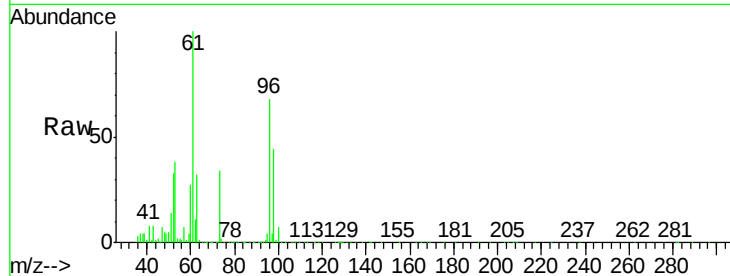
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	300255
Ion Ratio	Lower	Upper	
96	100		
61	146.9	113.0	169.4
98	64.7	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.431 ug/l

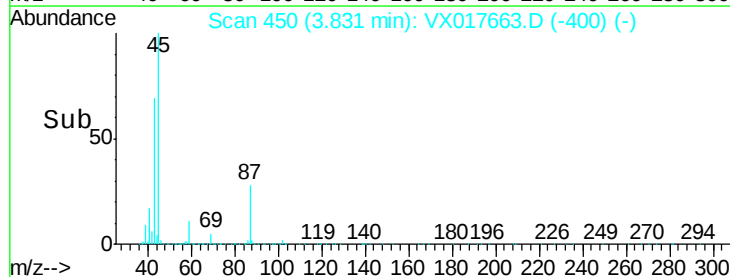
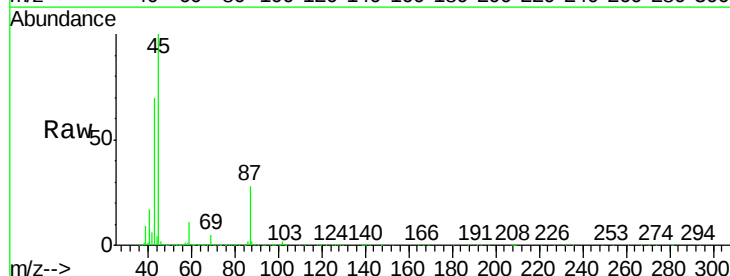
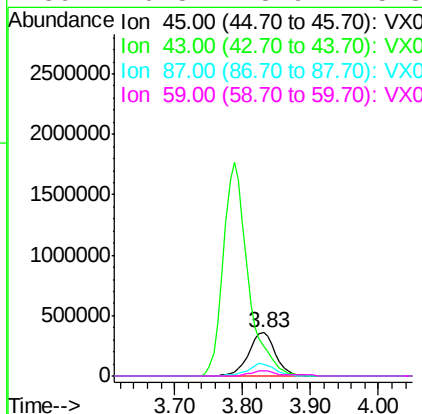
RT: 3.83 min Scan# 450

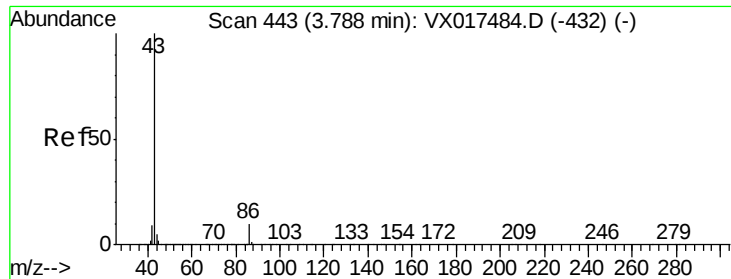
Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	45	Resp:	988311
Ion Ratio	Lower	Upper	
45	100		
43	69.5	52.0	78.0
87	27.9	22.2	33.4
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 240.478 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 4467766

Ion Ratio Lower Upper

43 100

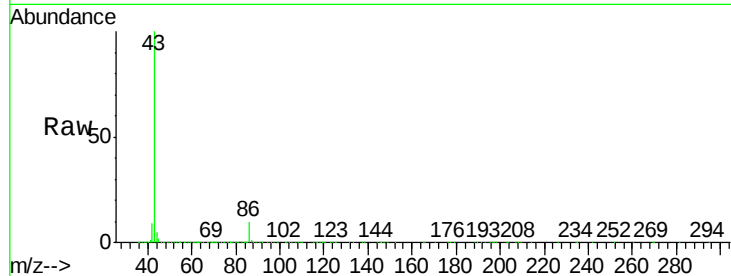
86 10.4 8.2 12.4

Manual Integrations

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MMDadoda

7/29/2020 10:49:48 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

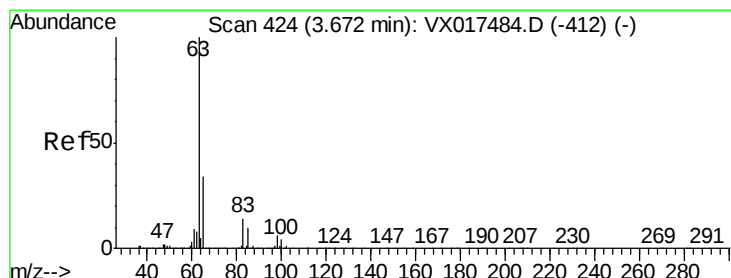
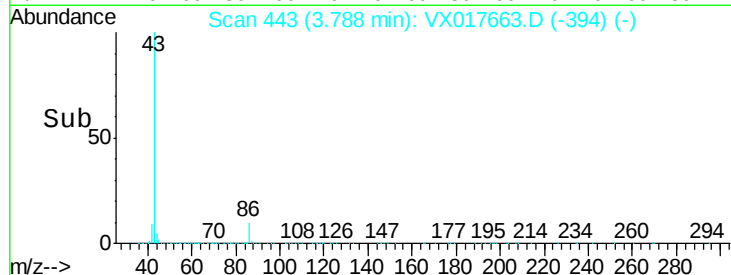
1500000

1000000

500000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.084 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

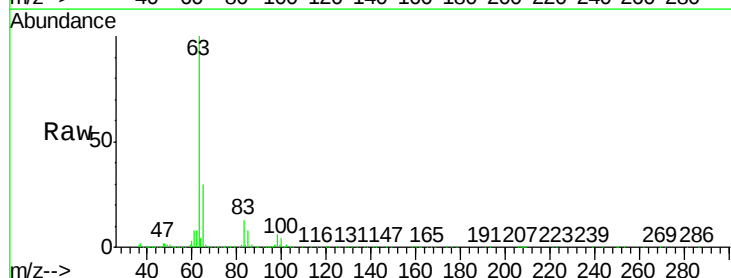
Tgt Ion: 63 Resp: 565158

Ion Ratio Lower Upper

63 100

98 5.9 3.4 10.1

100 3.9 1.9 5.7



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

300000

250000

200000

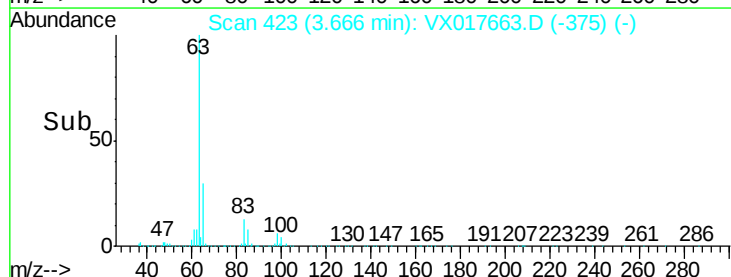
150000

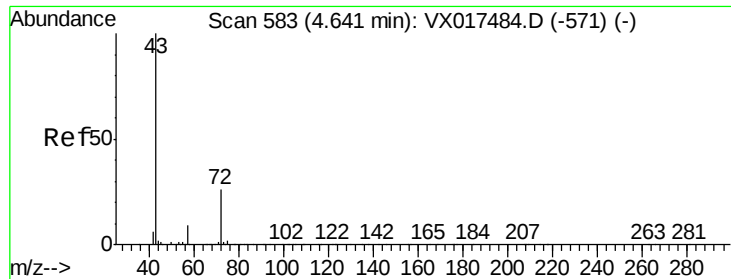
100000

50000

0

Time--> 3.50 3.60 3.70 3.80





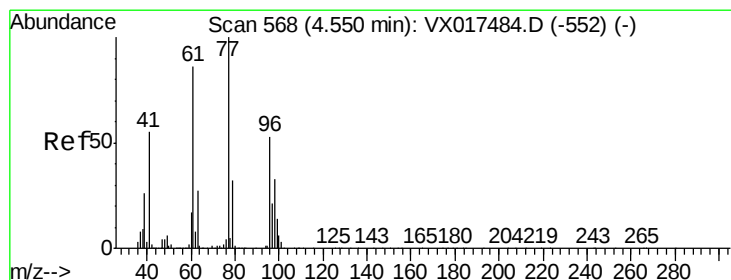
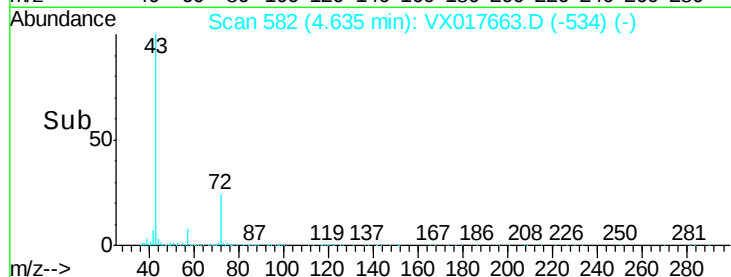
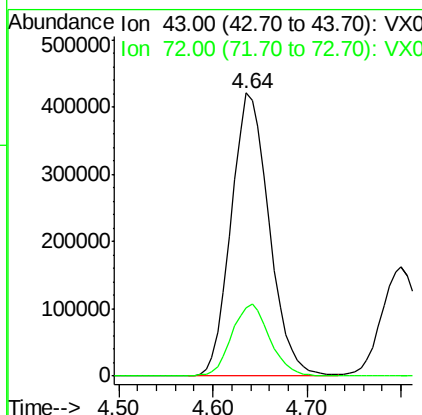
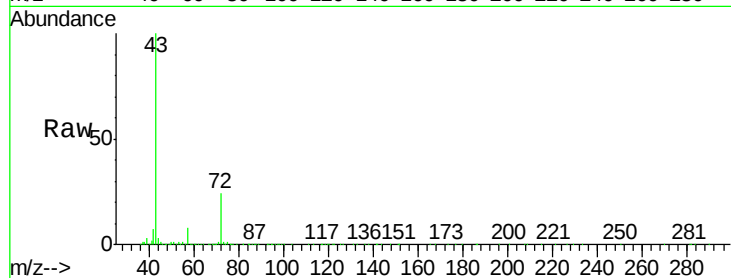
#25
2-Butanone
Concen: 243.991 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1184074
Ion Ratio Lower Upper
43 100
72 24.2 19.0 28.4

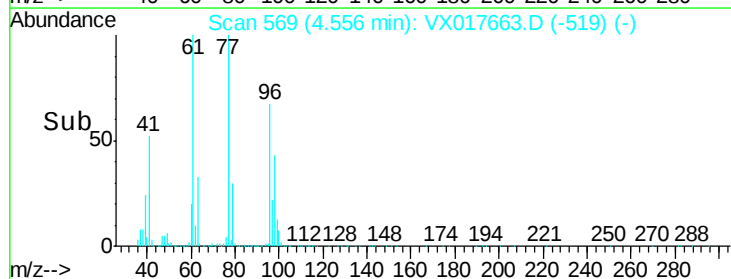
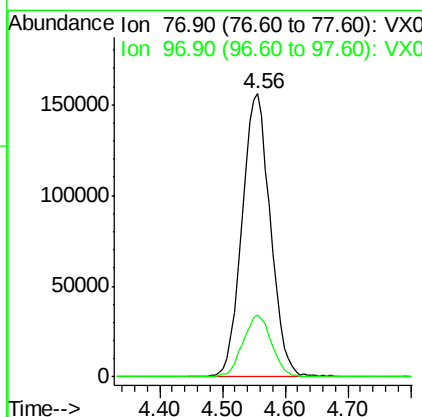
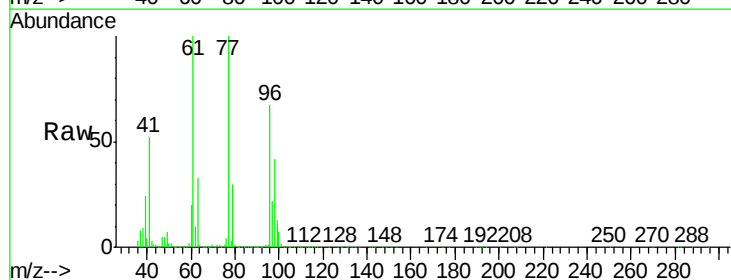
Manual Integrations
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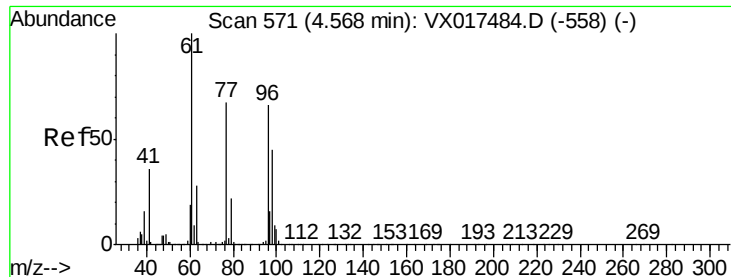
MMDadoda
7/29/2020 10:49:48 AM



#26
2,2-Dichloropropane
Concen: 45.418 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 77 Resp: 487997
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

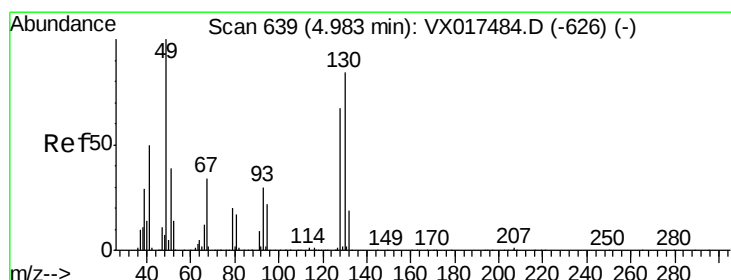
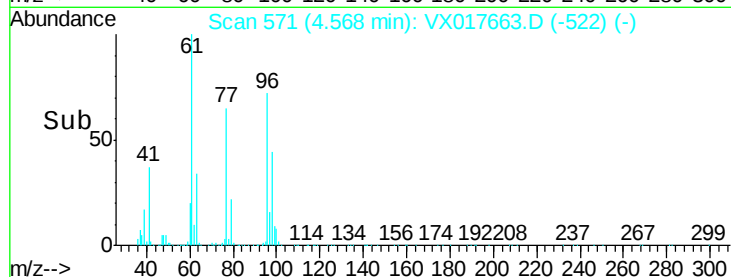
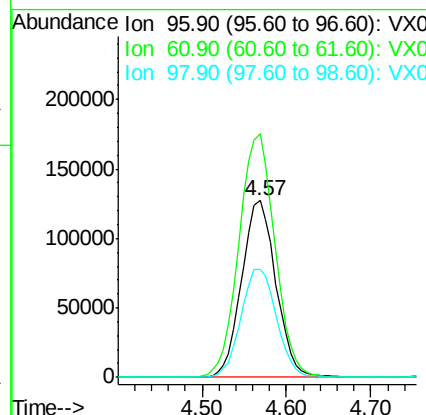
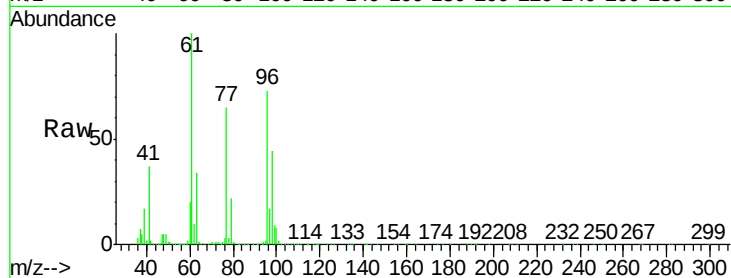
cis-1,2-Dichloroethene
Concen: 48.094 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	349250		
61	145.1	0.0	301.2	
98	63.8	0.0	130.0	

Manual Integrations
APPROVED

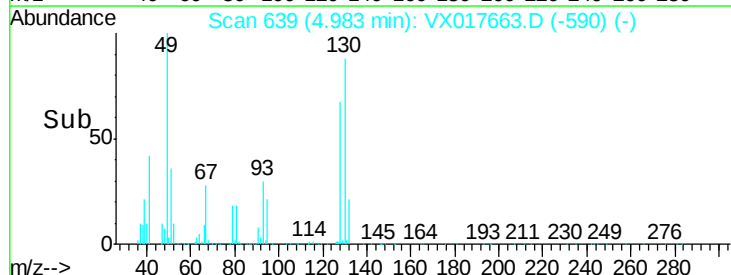
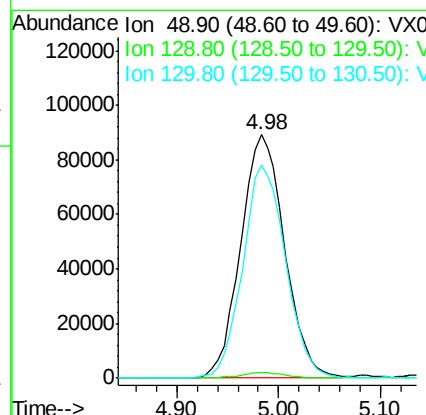
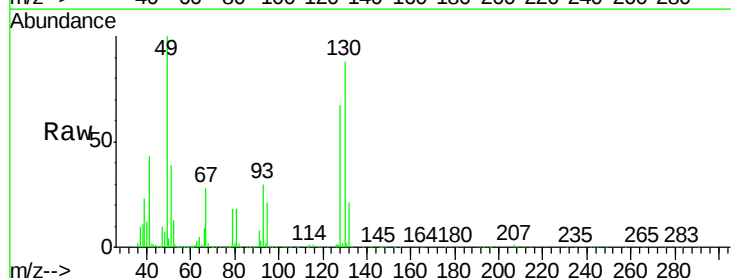
MMDadoda
7/29/2020 10:49:48 AM

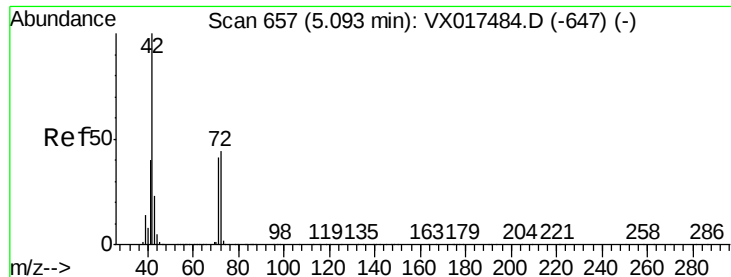


#28

Bromochloromethane
Concen: 48.752 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	265178		
129	2.3	0.0	4.6	
130	86.1	66.7	100.1	





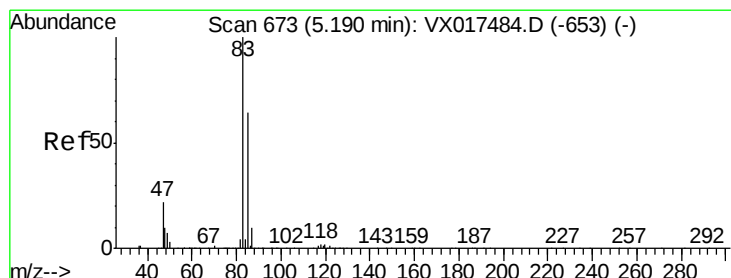
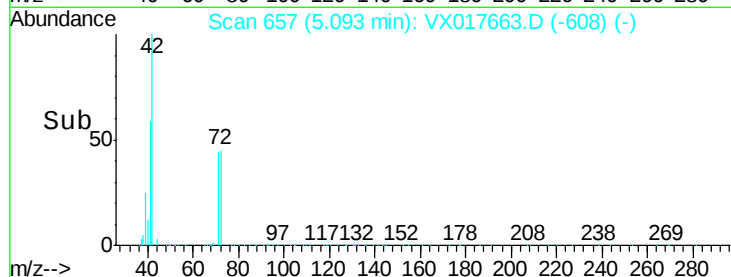
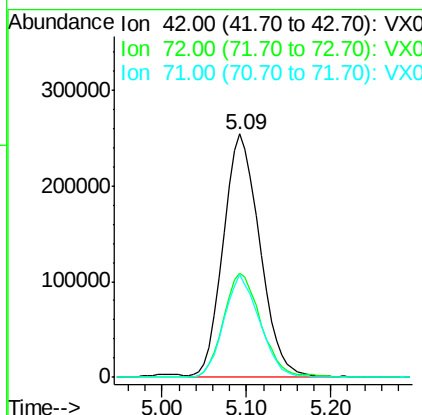
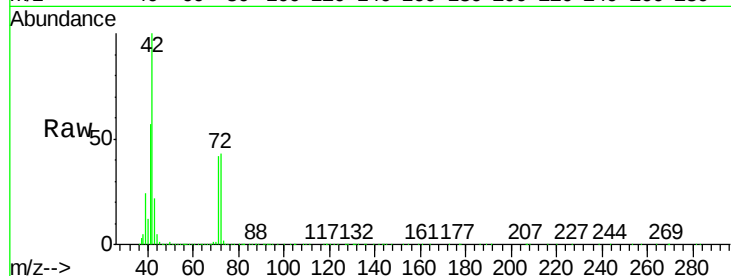
#29
Tetrahydrofuran
Concen: 249.182 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.5	53.3
71	41.2	33.0	49.4

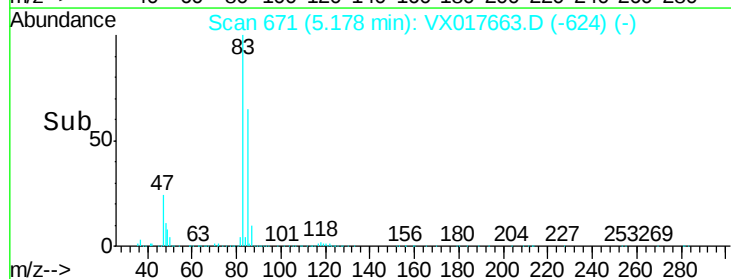
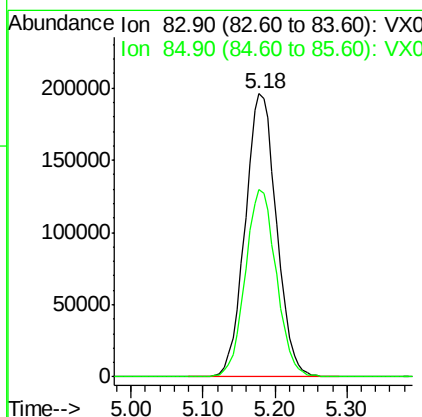
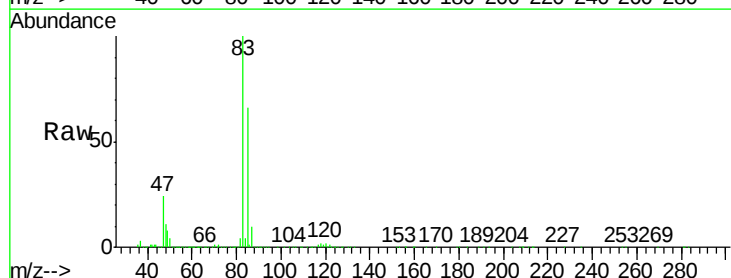
Manual Integrations
APPROVED

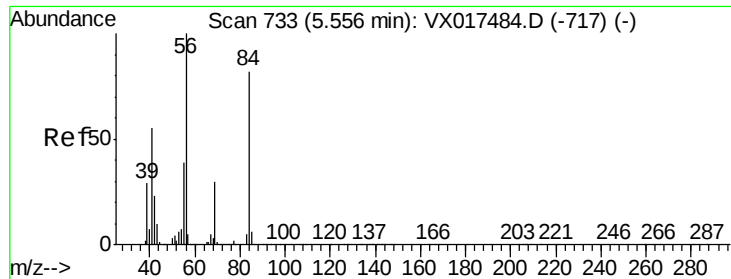
MMDadoda
7/29/2020 10:49:48 AM



#30
Chloroform
Concen: 48.269 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.4	77.2





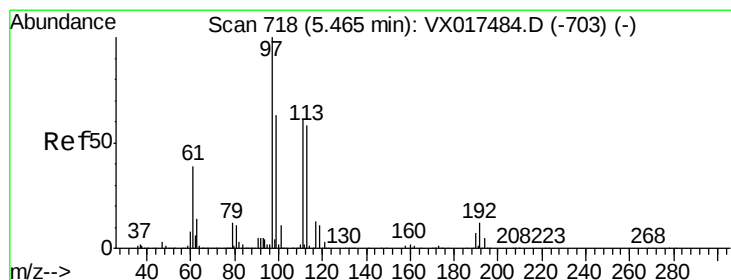
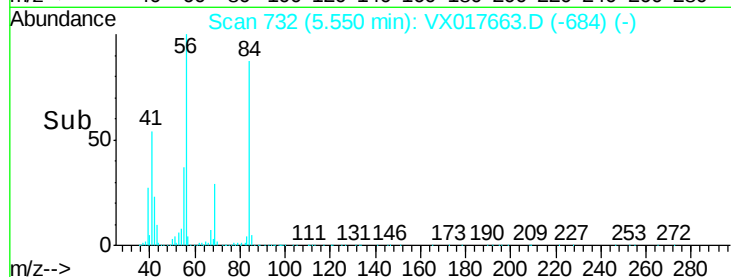
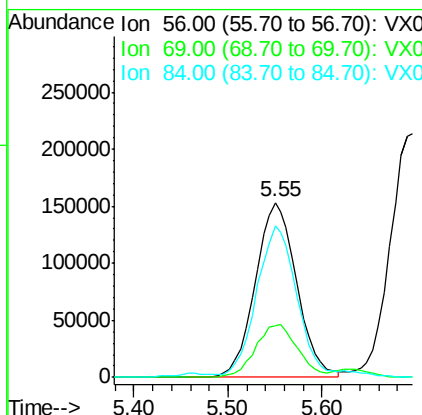
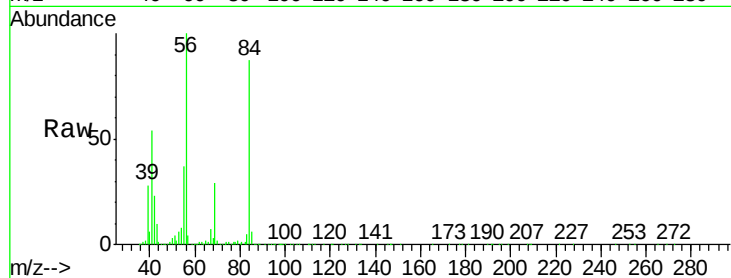
#31
Cyclohexane
Concen: 49.144 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.2	36.4
84	84.5	69.0	103.6

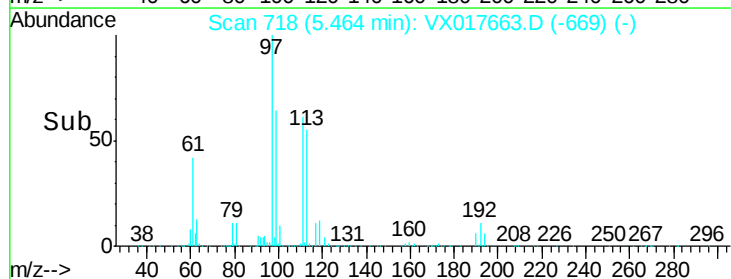
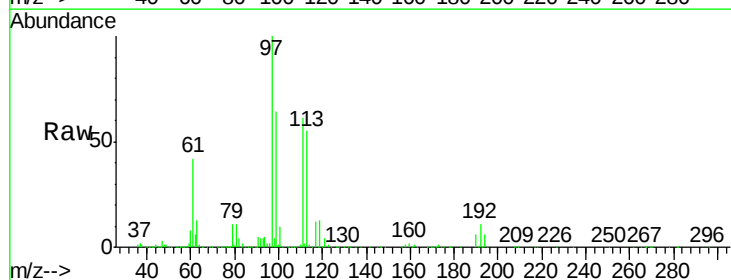
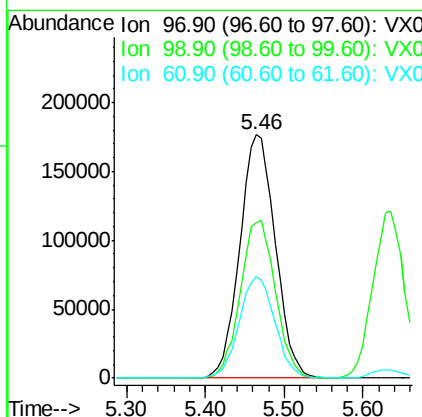
Manual Integrations
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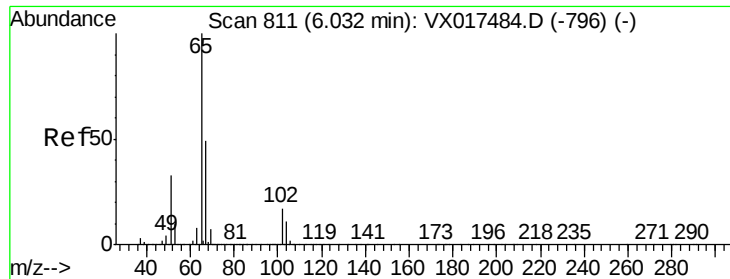
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#32
1,1,1-Trichloroethane
Concen: 47.798 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	41.7	34.1	51.1





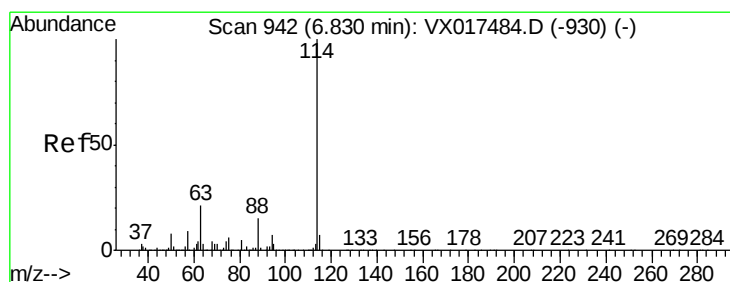
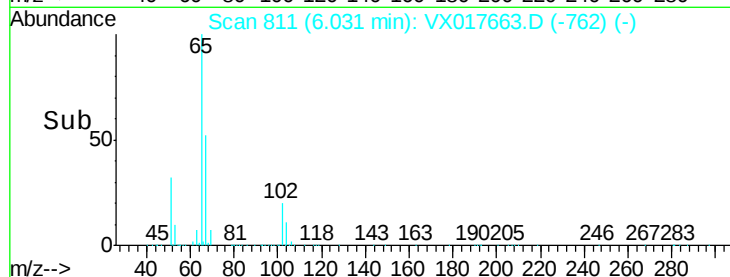
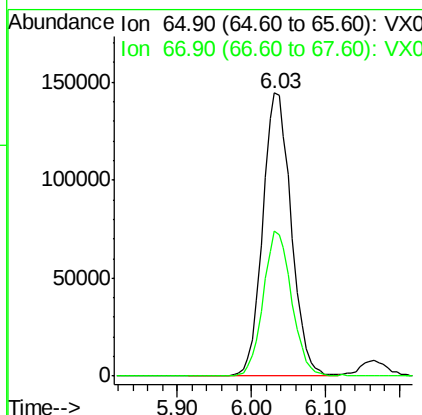
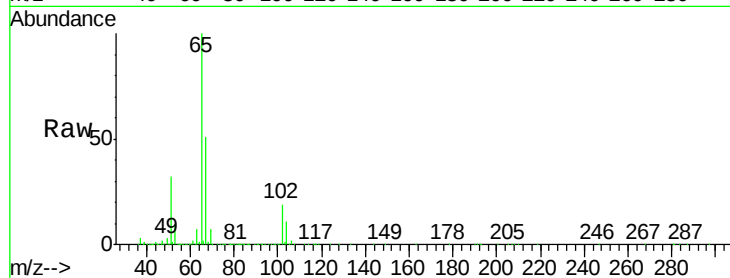
#33
 1,2-Dichloroethane-d4
 Concen: 49.782 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.8

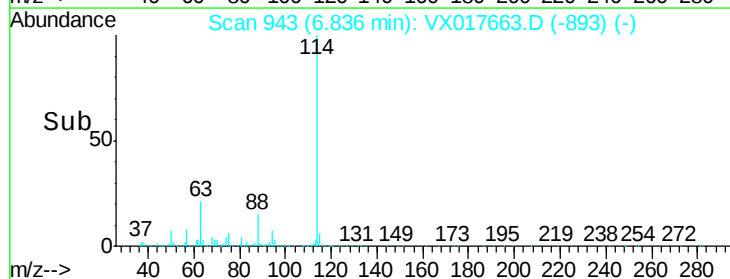
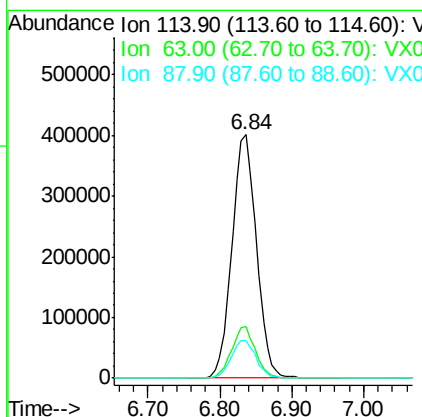
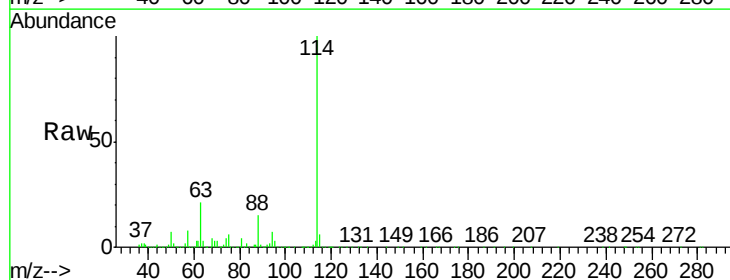
Manual Integrations
 APPROVED

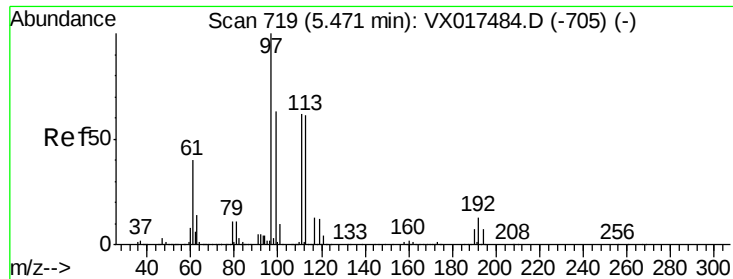
MMDadoda
 7/29/2020 10:49:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.6
88	15.4	0.0	33.4





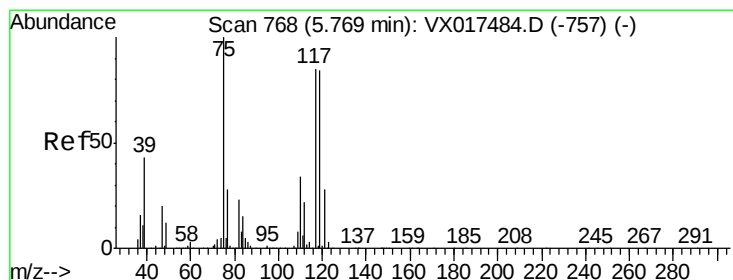
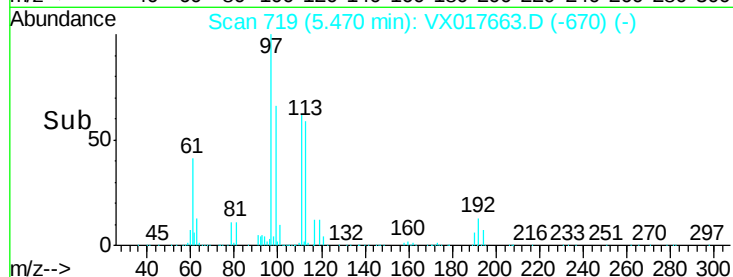
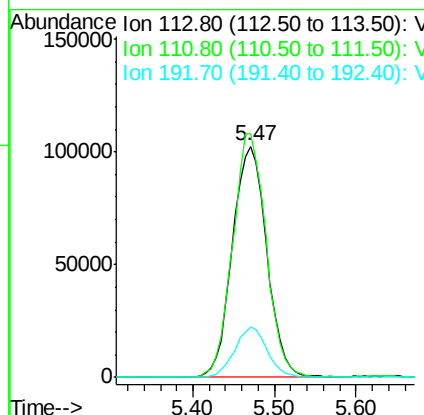
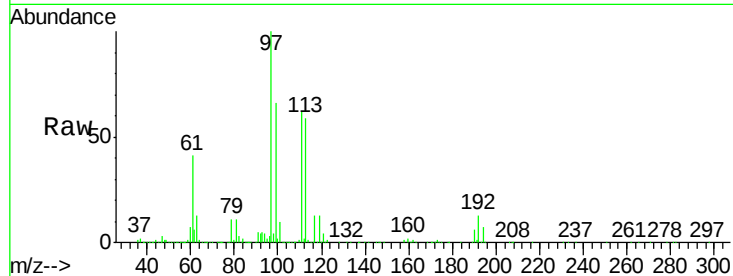
#35
Dibromofluoromethane
Concen: 46.983 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	298543		
111	102.9	80.7	121.1	
192	20.9	16.9	25.3	

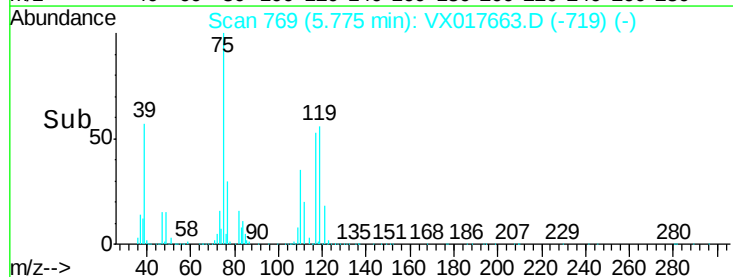
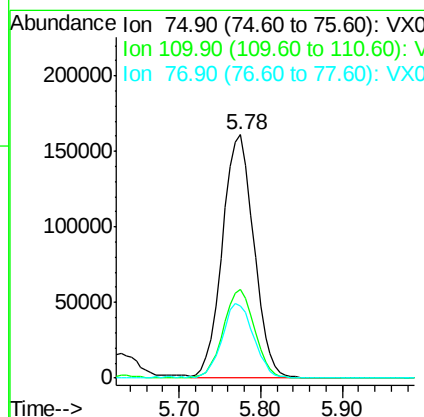
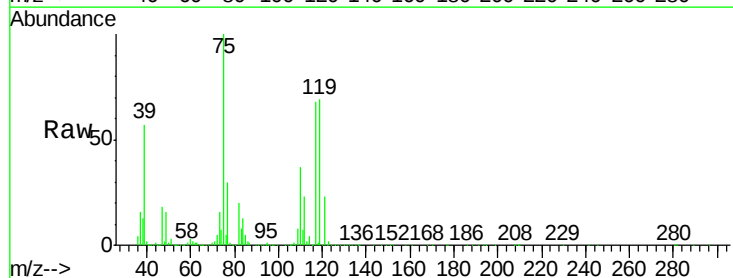
Manual Integrations
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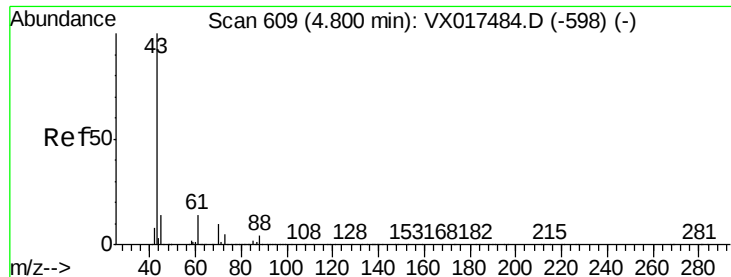
MMDadoda
7/29/2020 10:49:48 AM



#36
1,1-Dichloropropene
Concen: 47.259 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	430635		
110	36.4	18.1	54.3	
77	30.9	24.6	37.0	





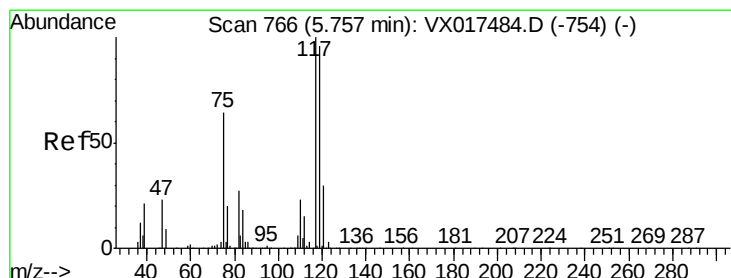
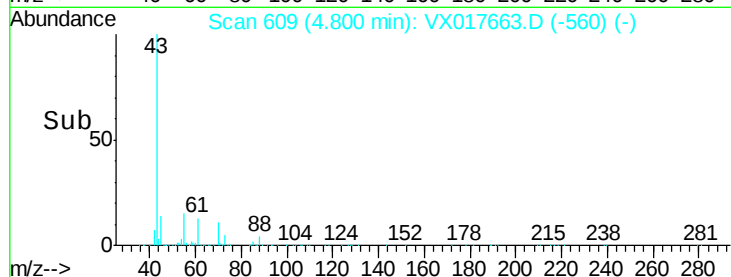
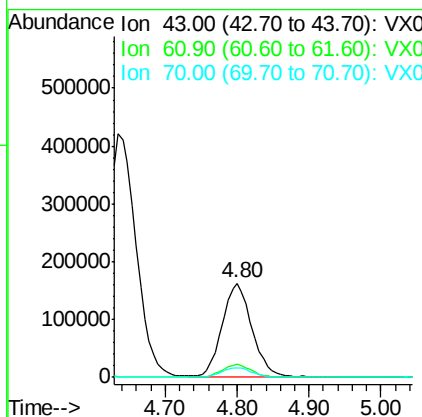
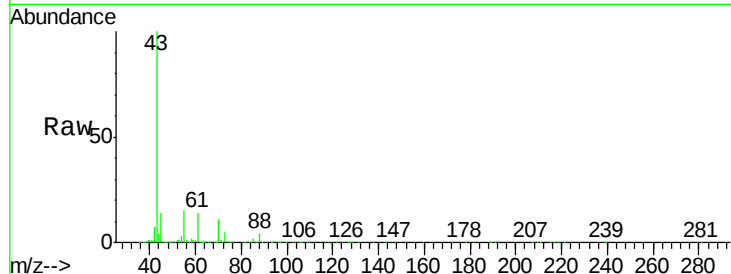
#37
Ethyl Acetate
Concen: 46.885 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	10.3	8.5	12.7

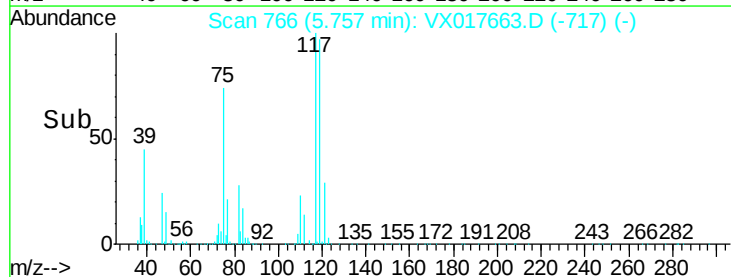
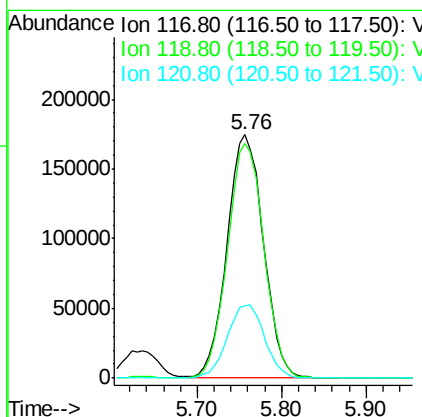
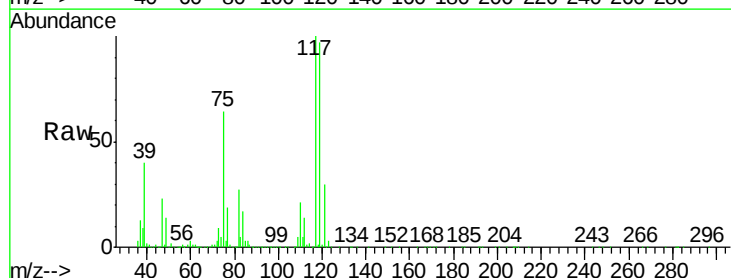
Manual Integrations
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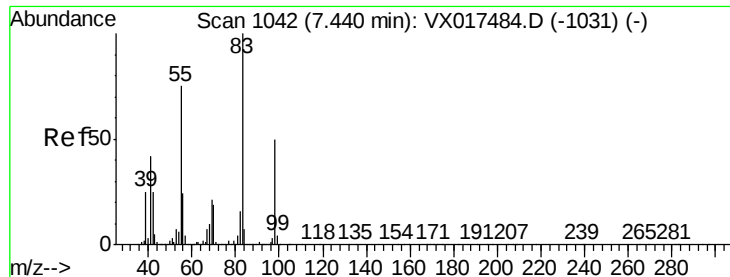
MMDadoda
7/29/2020 10:49:48 AM



#38
Carbon Tetrachloride
Concen: 46.188 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	29.8	24.3	36.5





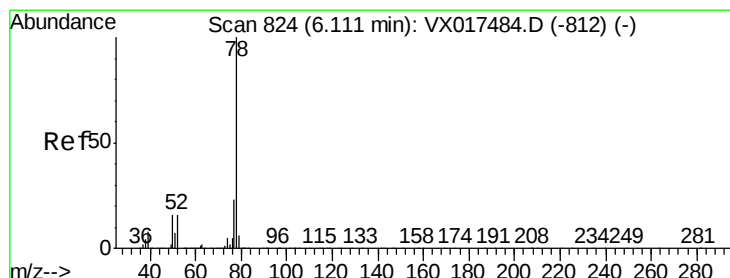
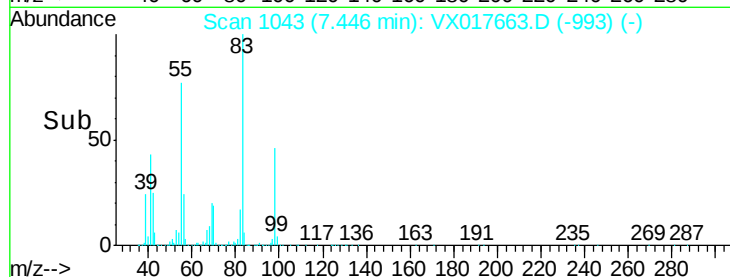
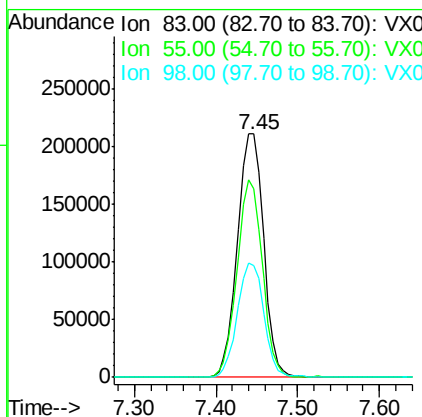
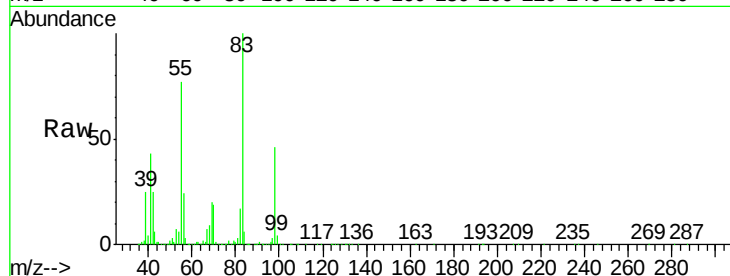
#39
Methylcyclohexane
Concen: 44.199 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.8	92.8
98	45.7	36.9	55.3

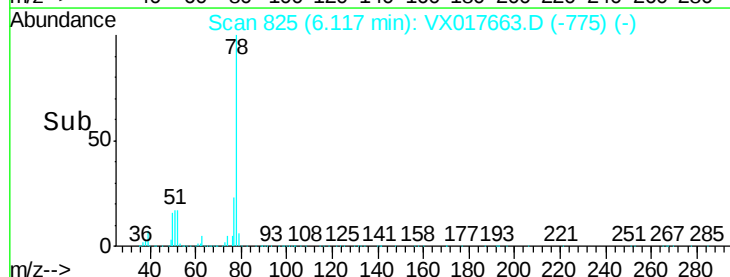
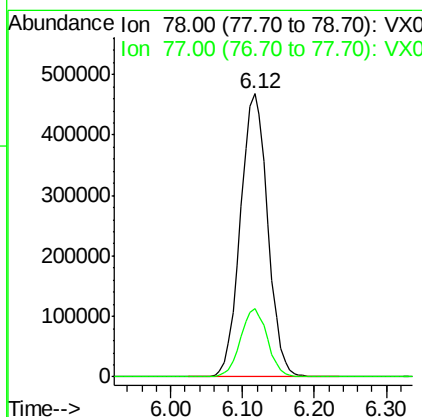
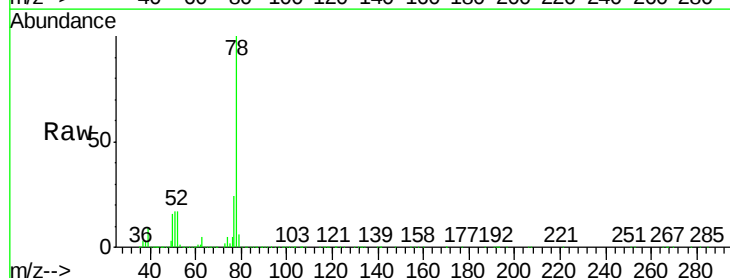
Manual Integrations
APPROVED

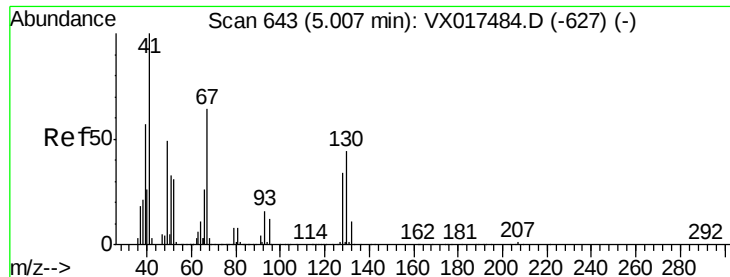
MMDadoda
7/29/2020 10:49:48 AM



#40
Benzene
Concen: 47.027 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.2





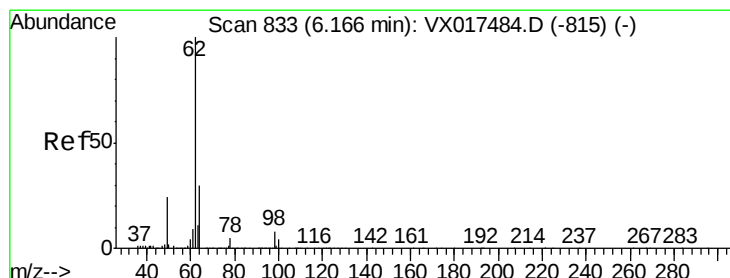
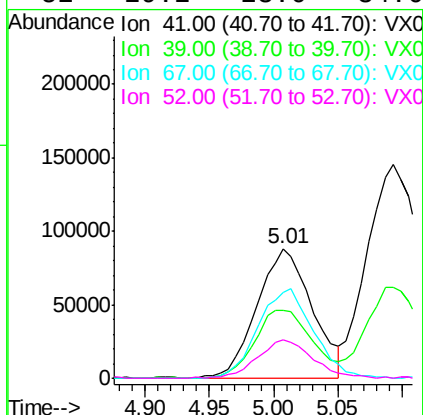
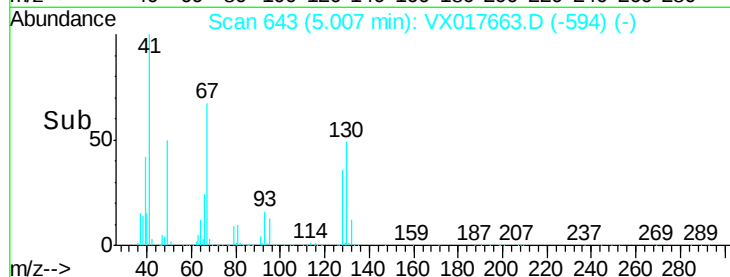
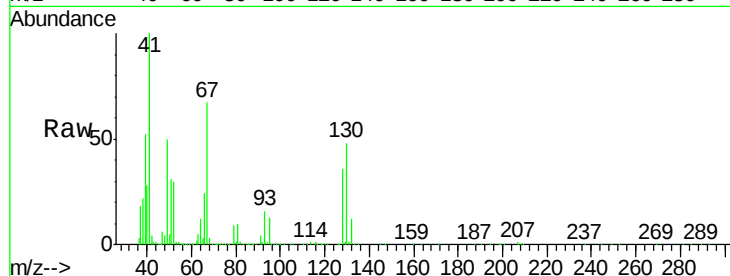
#41
Methacrylonitrile
Concen: 45.558 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.9	65.9
67	69.6	54.0	81.0
52	29.2	23.0	34.6

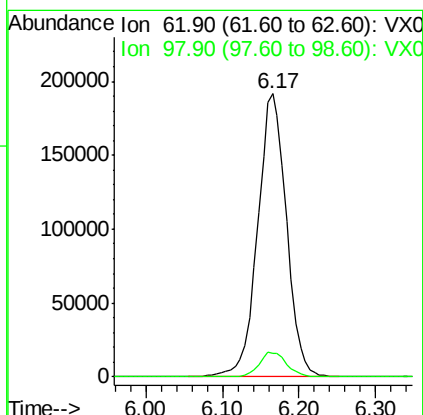
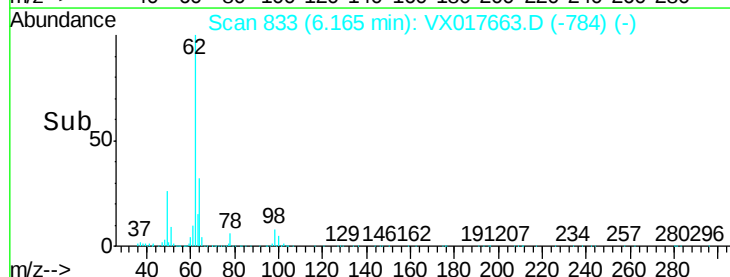
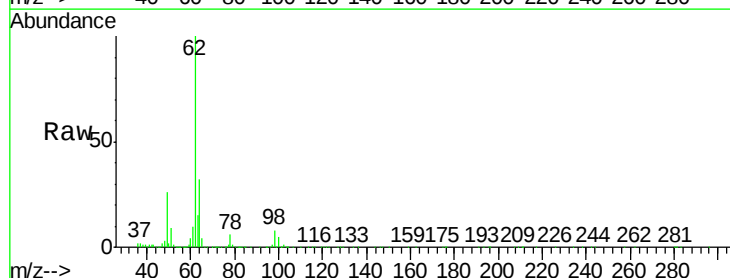
Manual Integrations
APPROVED

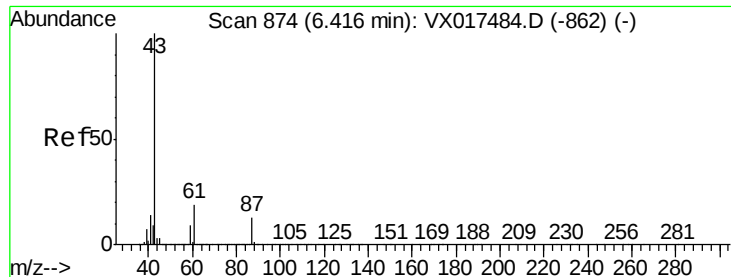
MMDadoda
7/29/2020 10:49:48 AM



#42
1,2-Dichloroethane
Concen: 47.226 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0





#43

Isopropyl Acetate

Concen: 46.909 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

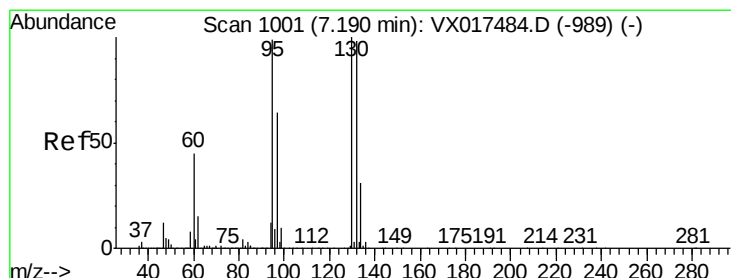
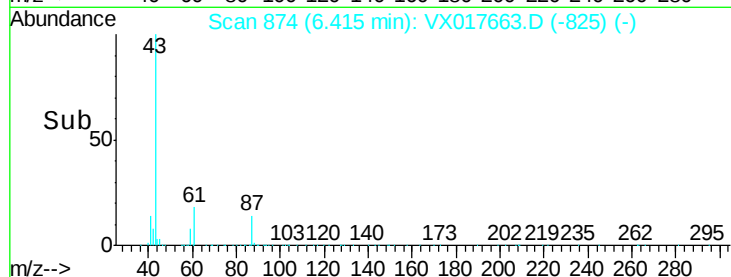
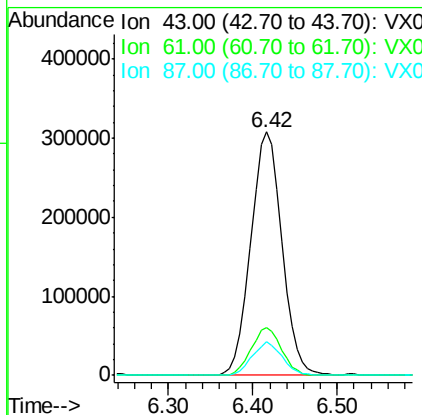
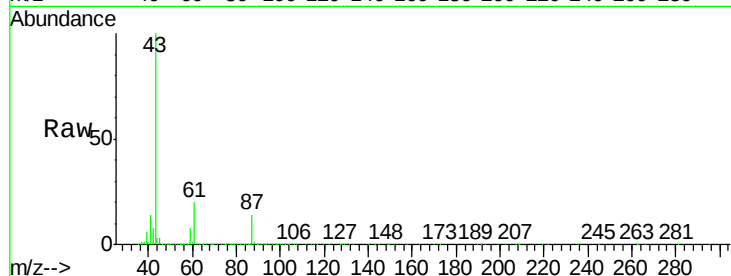
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.4	10.5	15.7

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#44

Trichloroethene

Concen: 47.194 ug/l

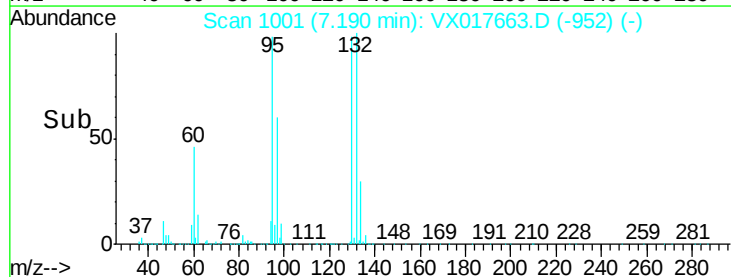
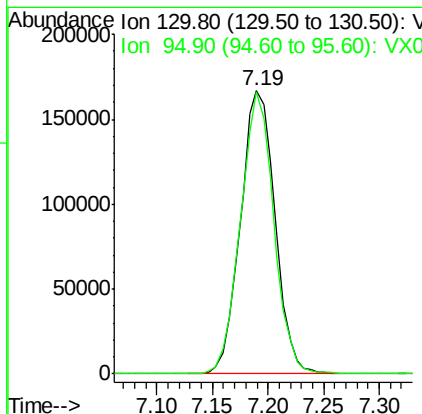
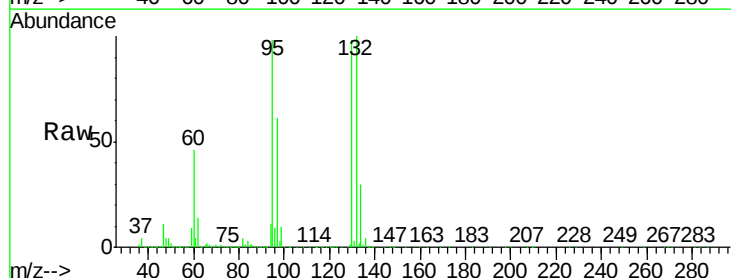
RT: 7.19 min Scan# 1001

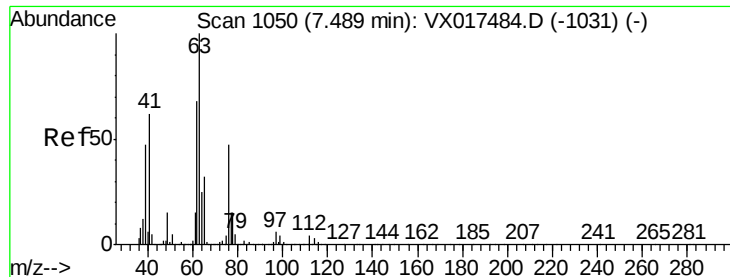
Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	189.0





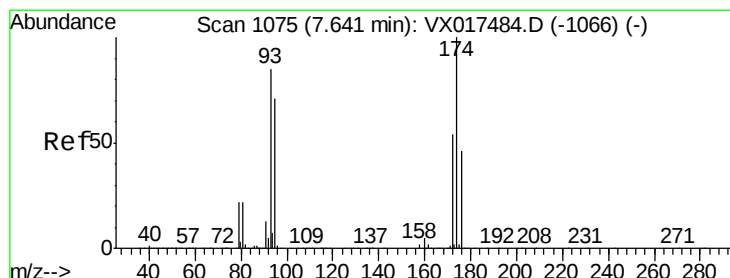
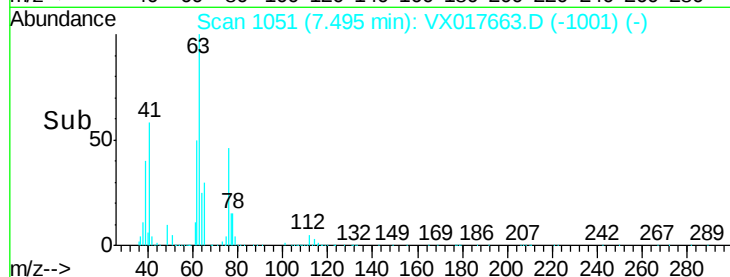
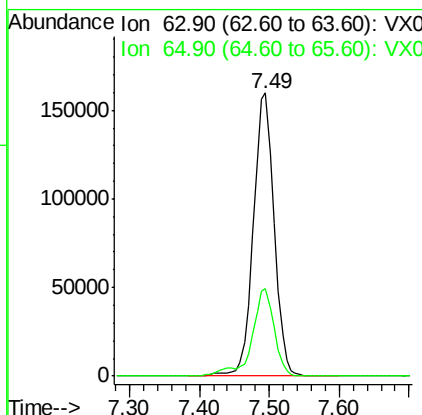
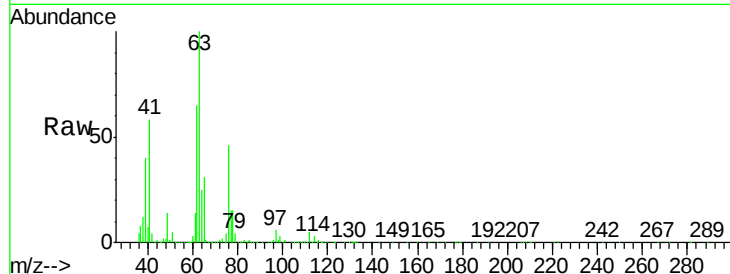
#45
 1,2-Dichloropropane
 Concen: 45.290 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 327999
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.5 36.7

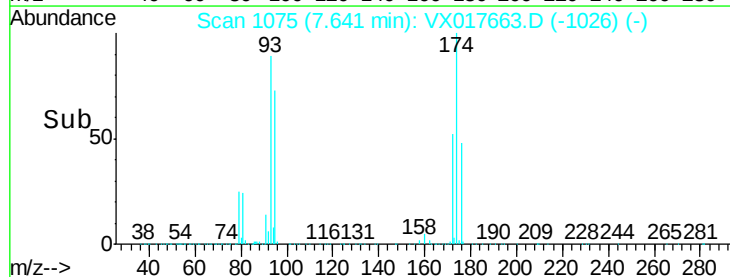
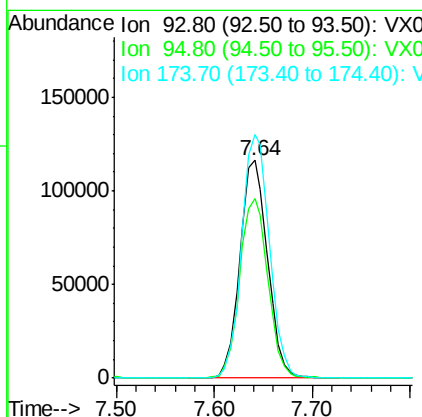
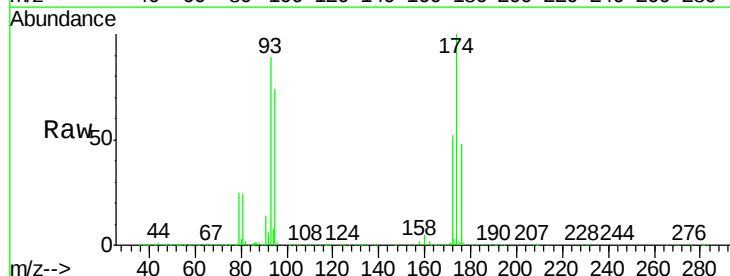
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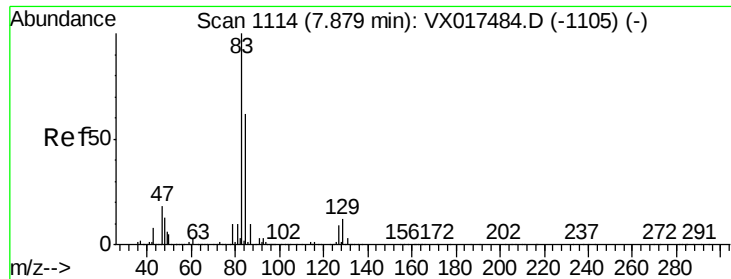
MMDadoda
 7/29/2020 10:49:48 AM



#46
 Dibromomethane
 Concen: 44.700 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion: 93 Resp: 228781
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 112.5 87.0 130.6





#47

Bromodichloromethane

Concen: 47.004 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

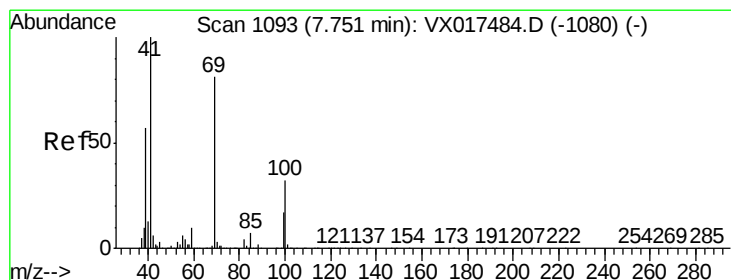
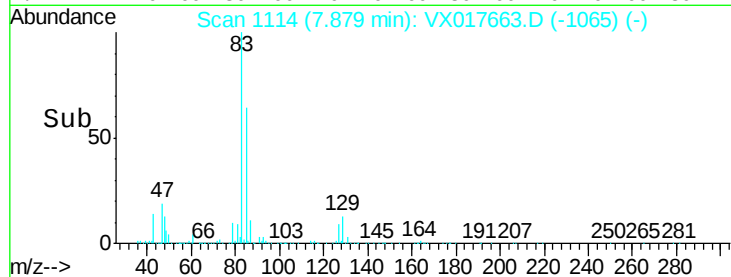
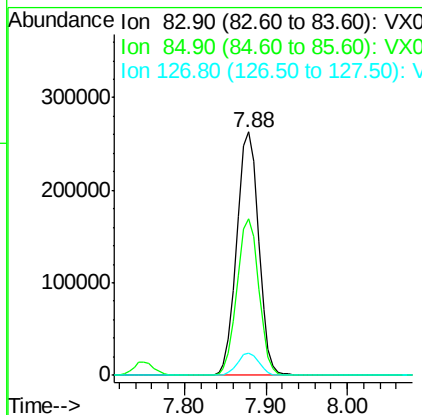
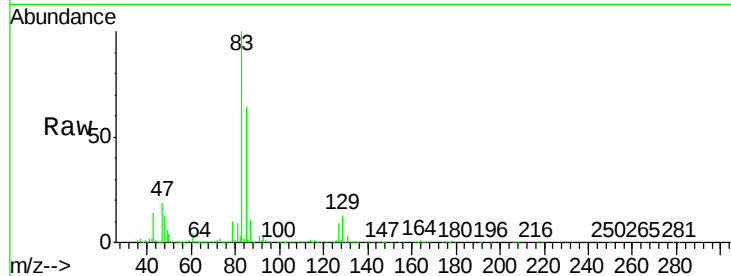
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	484064
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.8	77.8
127	8.9	7.4	11.2

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#48

Methyl methacrylate

Concen: 46.967 ug/l

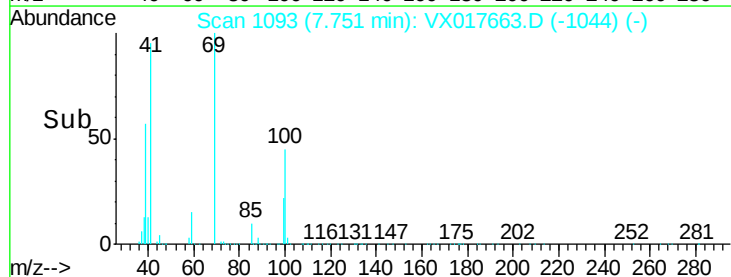
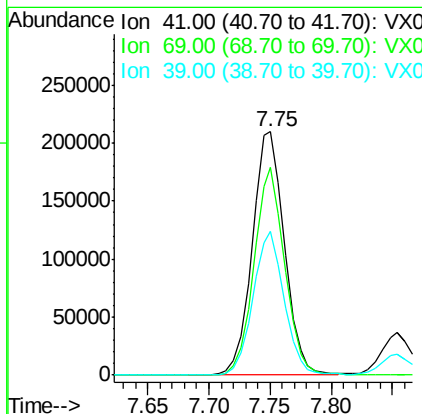
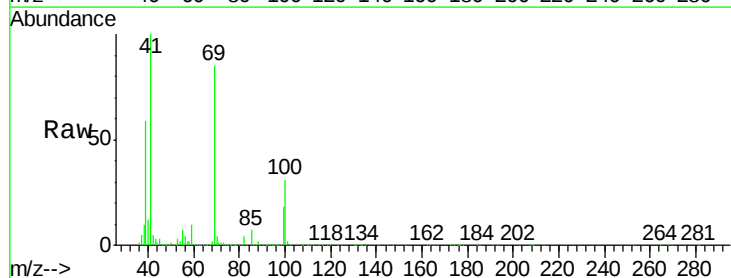
RT: 7.75 min Scan# 1093

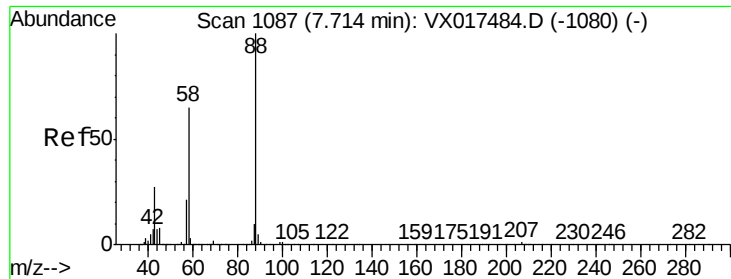
Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	41	Resp:	382985
Ion Ratio	Lower	Upper	
41	100		
69	81.4	63.1	94.7
39	56.9	45.1	67.7





#49

1,4-Dioxane

Concen: 847.387 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

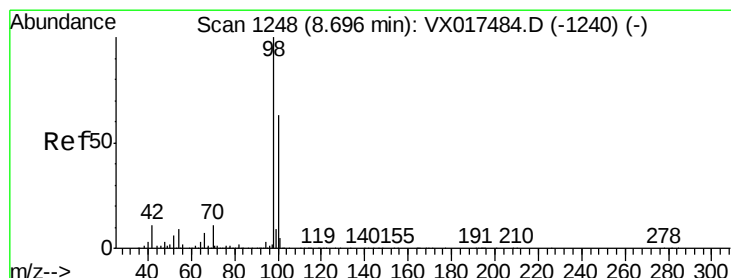
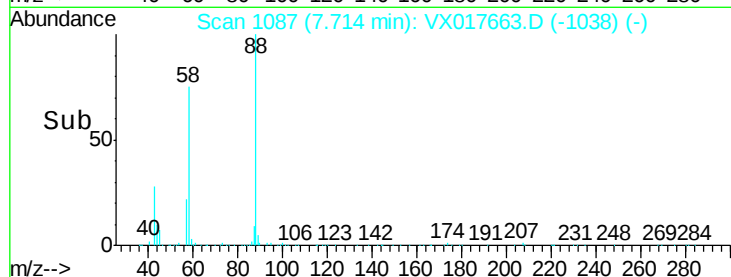
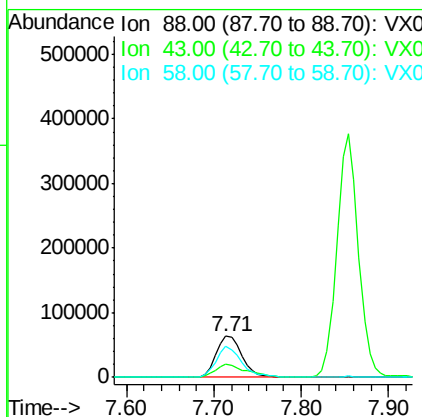
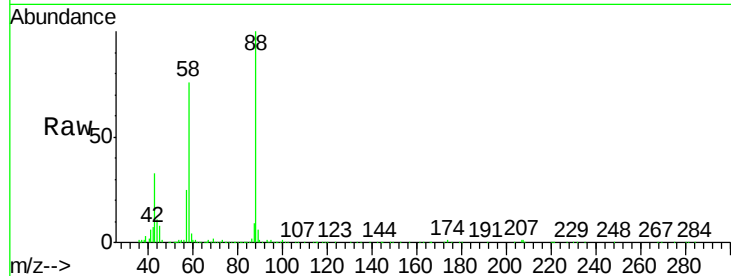
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	132478
Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.8	41.6
58	72.7	58.3	87.5

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#50

Toluene-d8

Concen: 47.706 ug/l

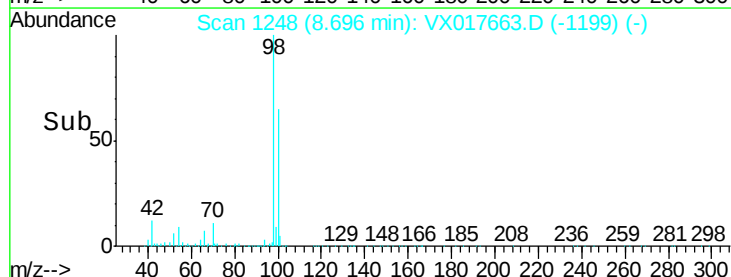
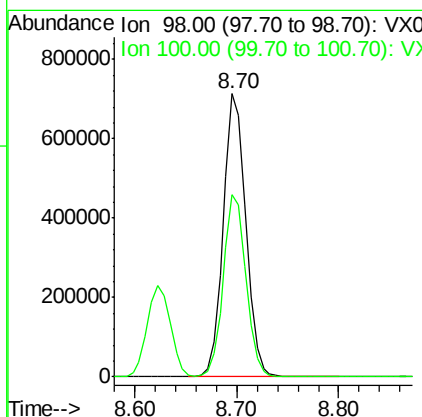
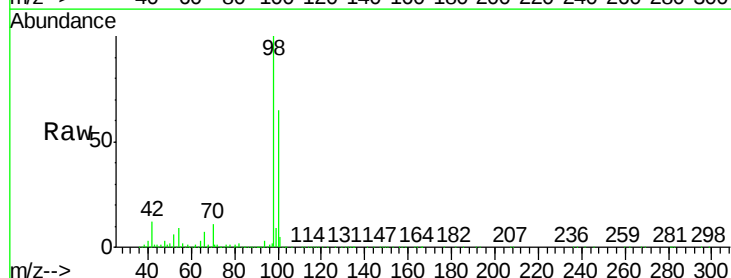
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	98	Resp:	1093558
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





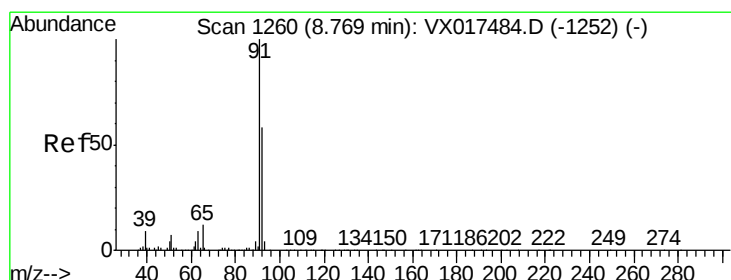
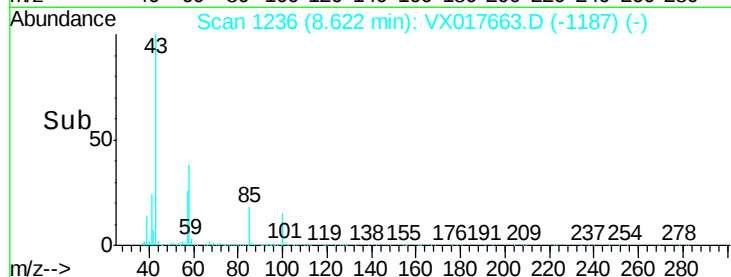
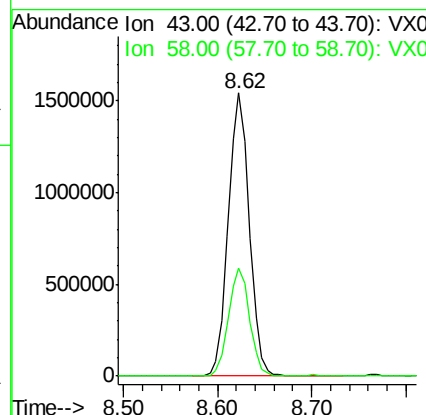
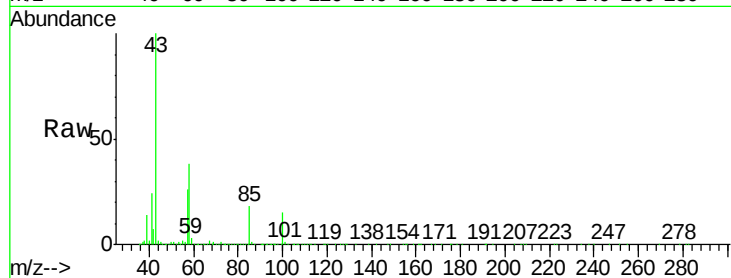
#51
 4-Methyl-2-Pentanone
 Concen: 243.823 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2393195
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.0 46.4

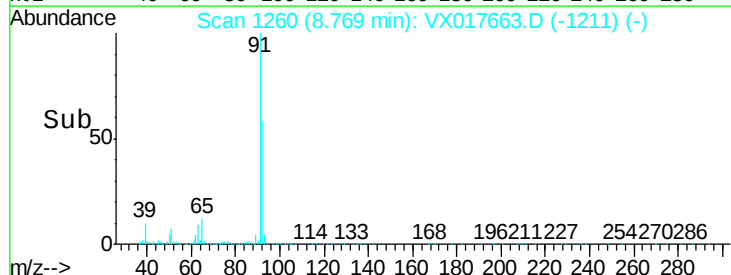
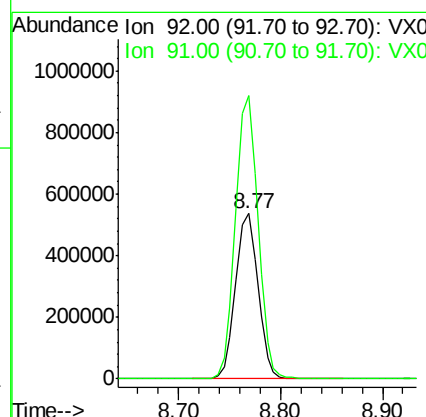
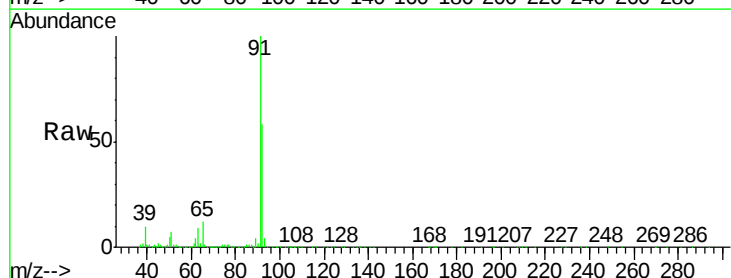
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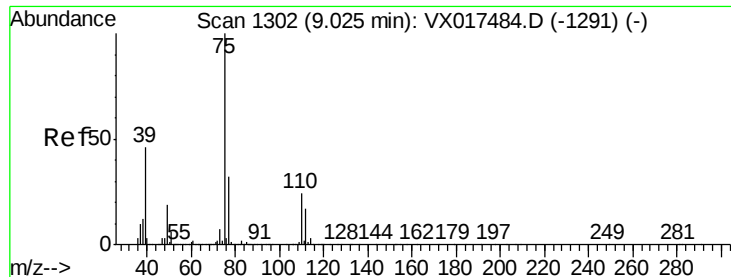
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#52
 Toluene
 Concen: 48.791 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion: 92 Resp: 817455
 Ion Ratio Lower Upper
 92 100
 91 171.8 137.6 206.4





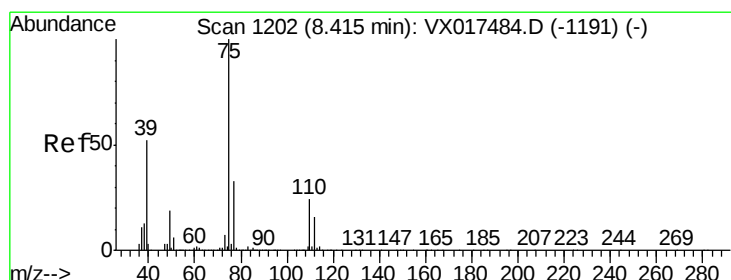
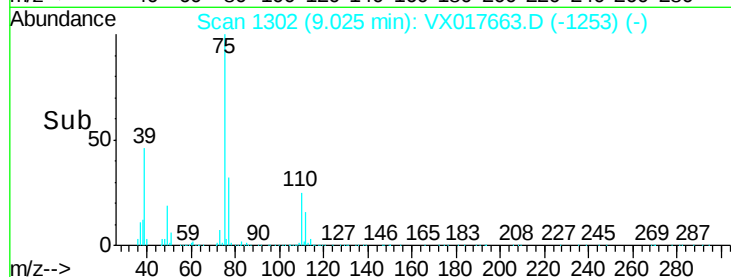
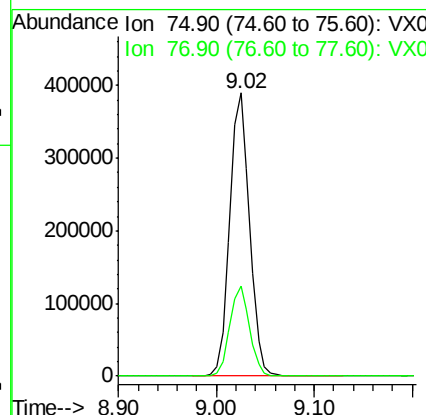
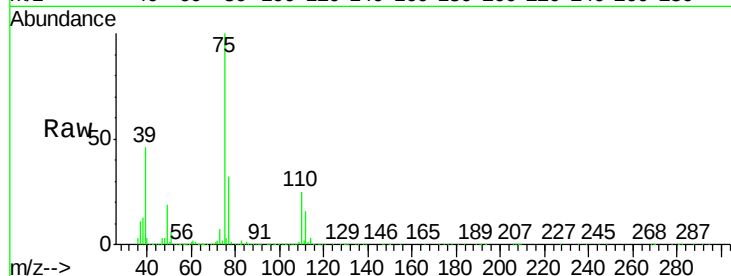
#53
t-1,3-Dichloropropene
Concen: 47.551 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 548177
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3

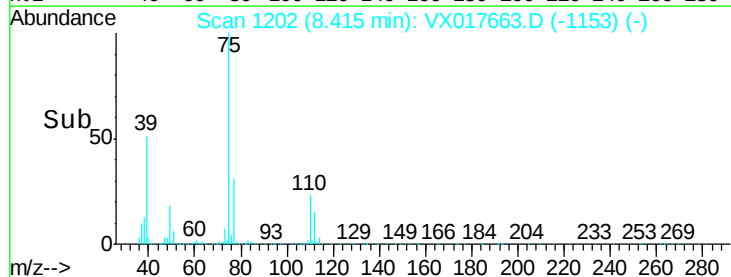
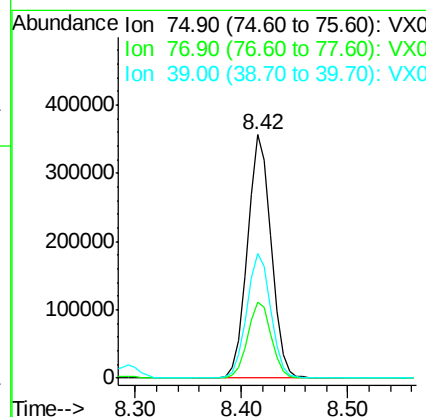
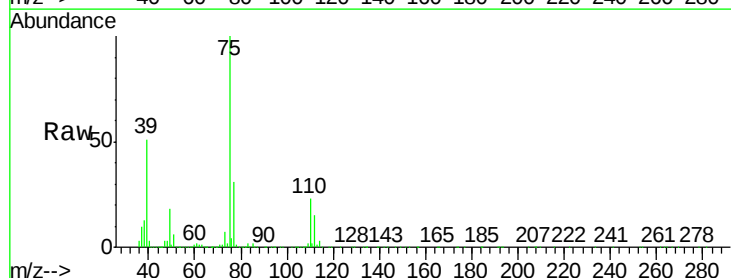
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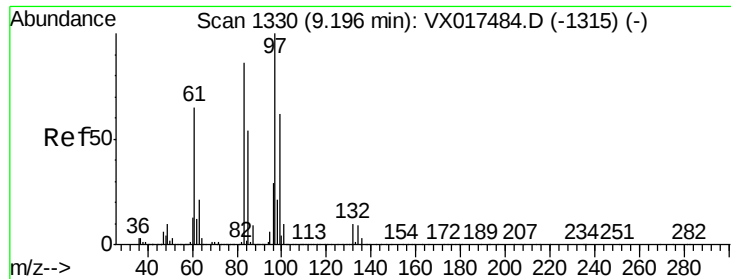
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#54
cis-1,3-Dichloropropene
Concen: 47.494 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 75 Resp: 558465
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 50.9 41.8 62.8





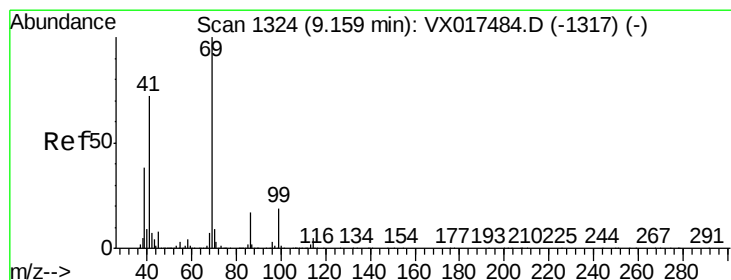
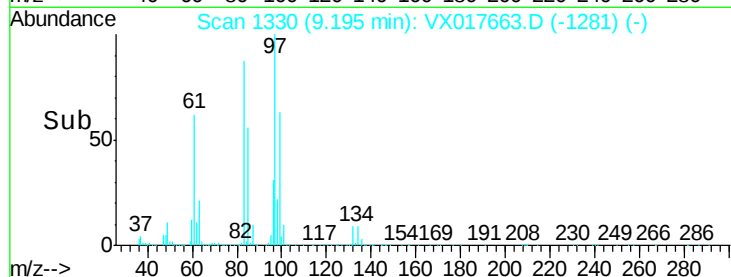
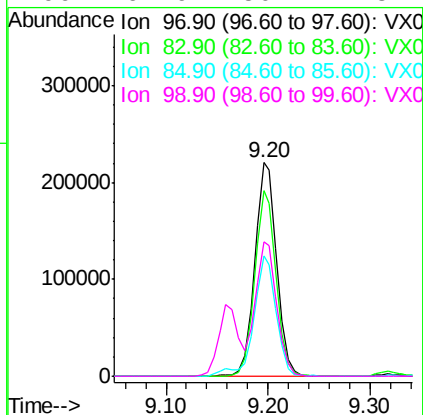
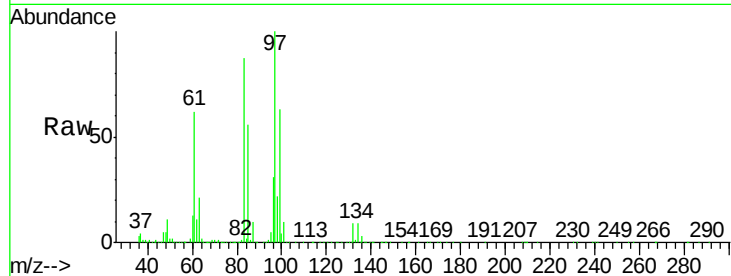
#55
 1,1,2-Trichloroethane
 Concen: 47.531 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.6	101.4
85	56.3	44.6	67.0
99	62.9	50.2	75.4

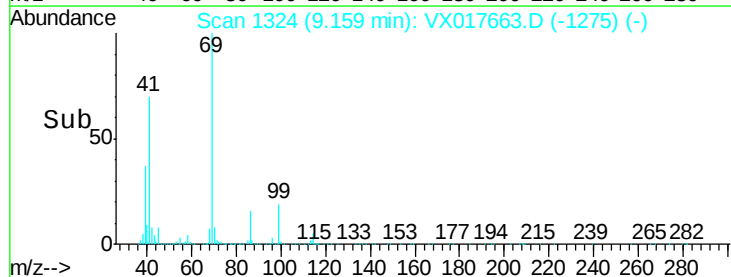
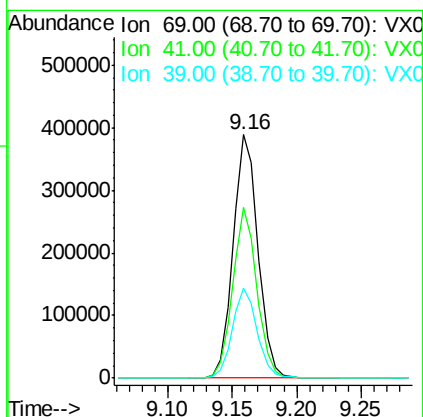
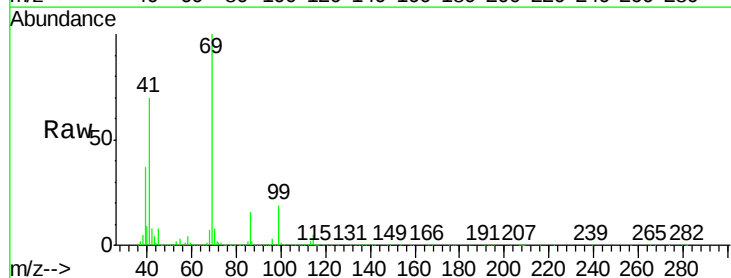
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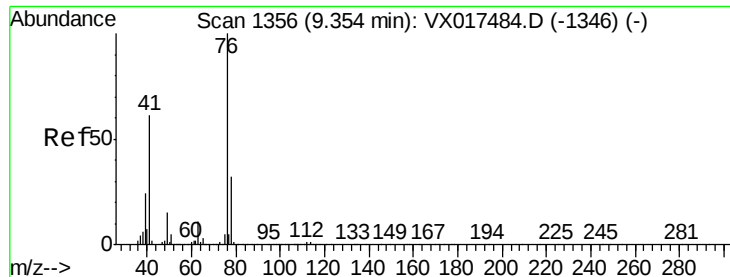
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#56
 Ethyl methacrylate
 Concen: 49.871 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.0	82.6
39	36.6	30.0	45.0





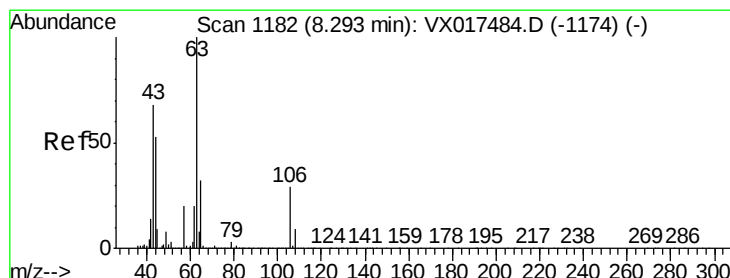
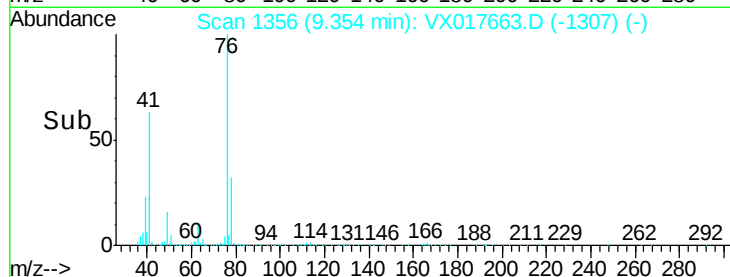
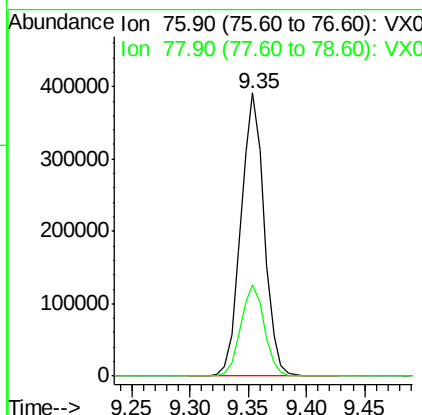
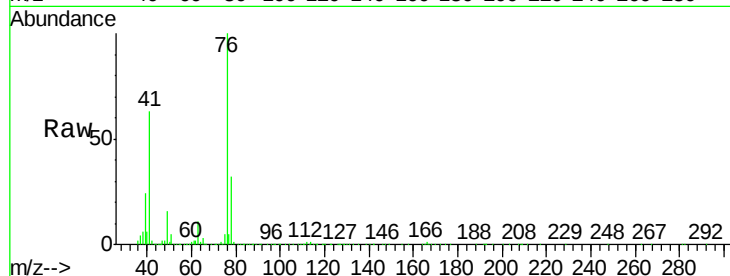
#57
 1,3-Dichloropropane
 Concen: 47.464 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 545471
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

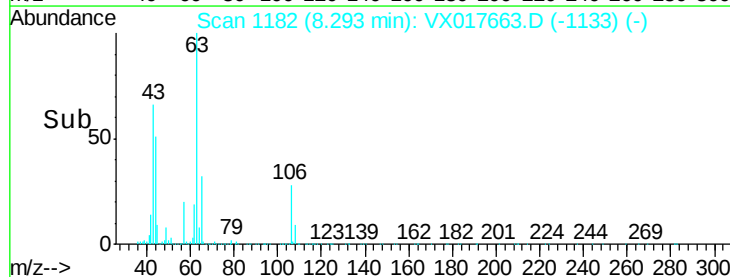
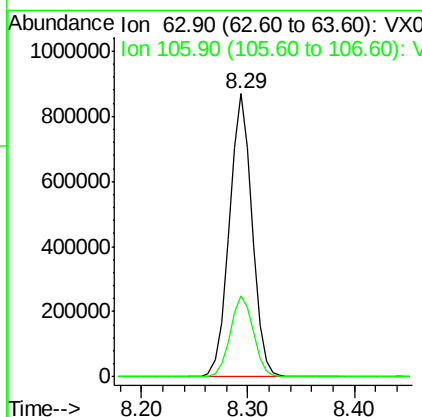
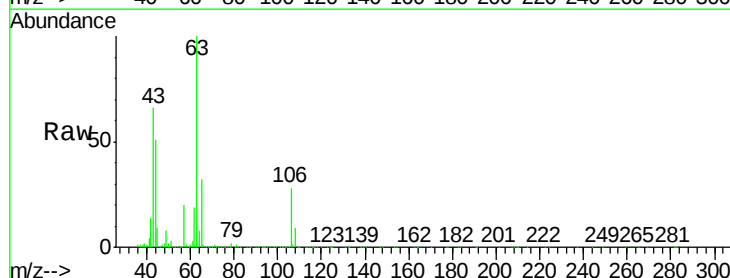
Manual Integrations
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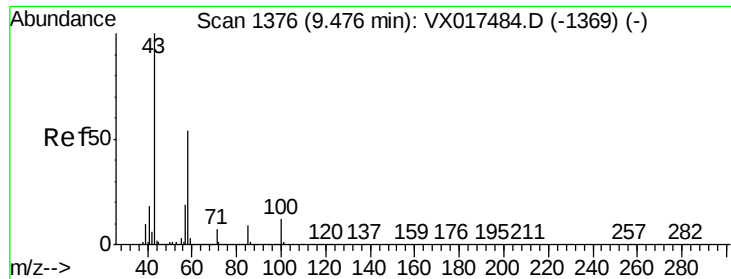
MMDadoda
 7/29/2020 10:49:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.163 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion: 63 Resp: 1302748
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.6 34.0





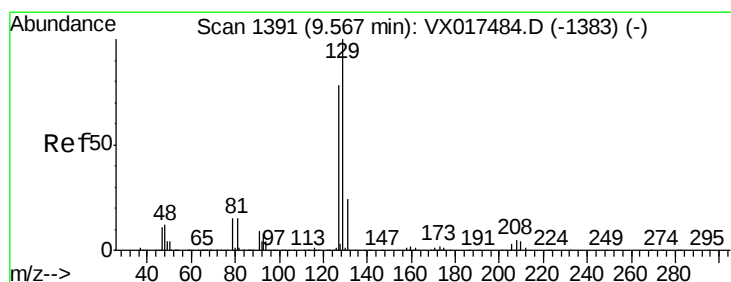
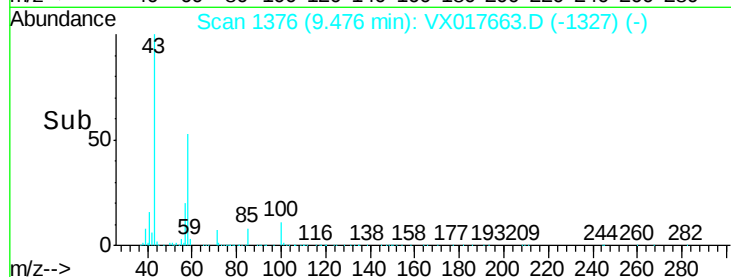
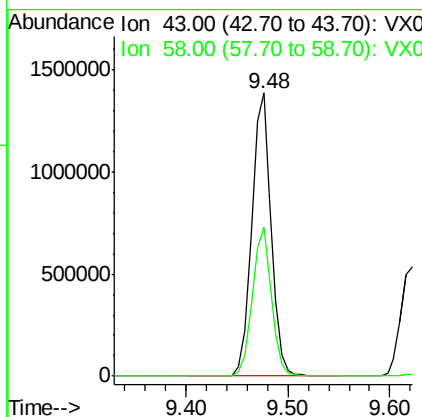
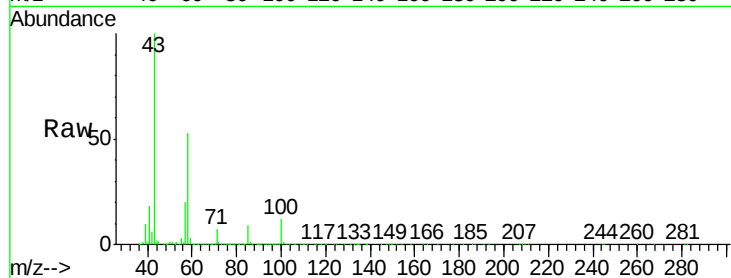
#59
2-Hexanone
Concen: 247.938 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1832217
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.8

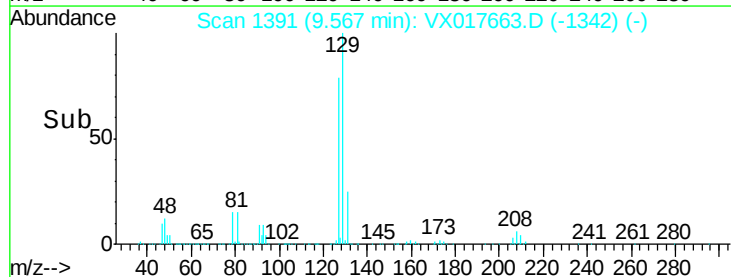
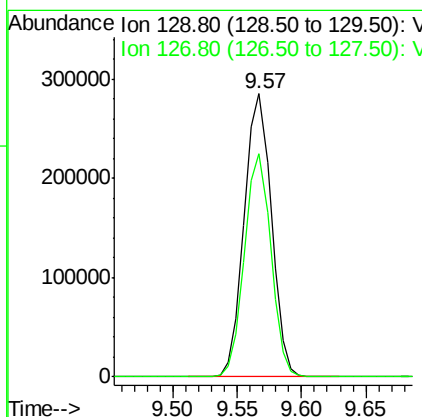
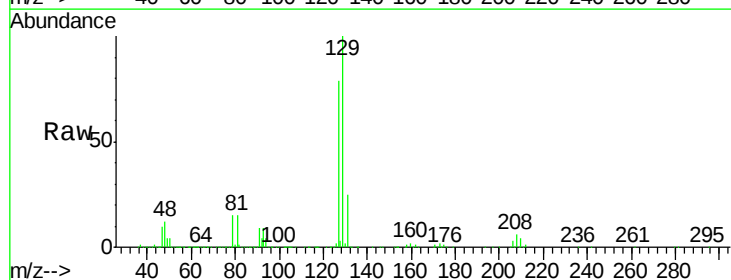
Manual Integrations
APPROVED

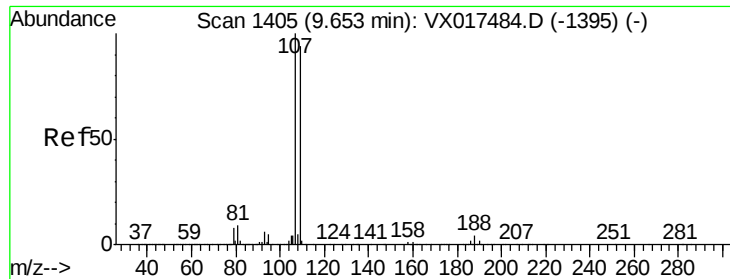
MMDadoda
7/29/2020 10:49:48 AM



#60
Dibromochloromethane
Concen: 46.851 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 129 Resp: 415610
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





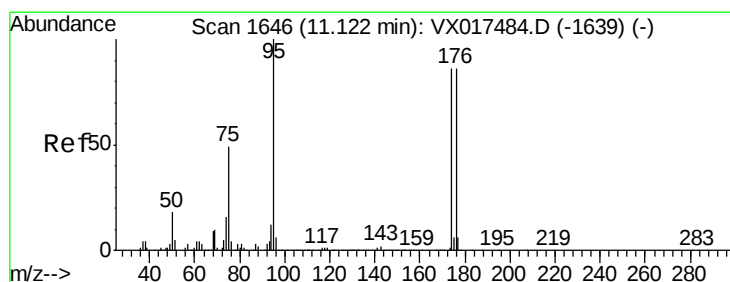
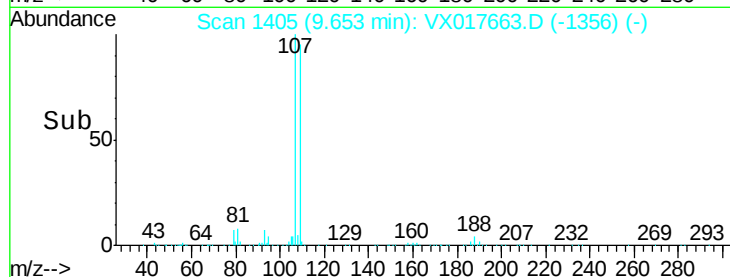
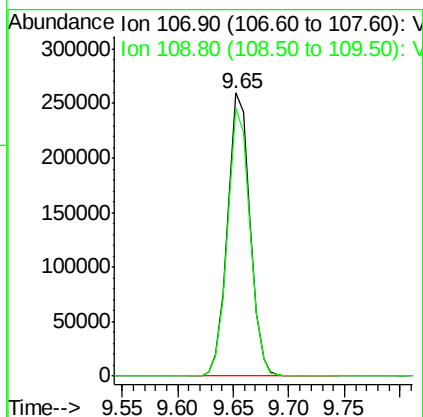
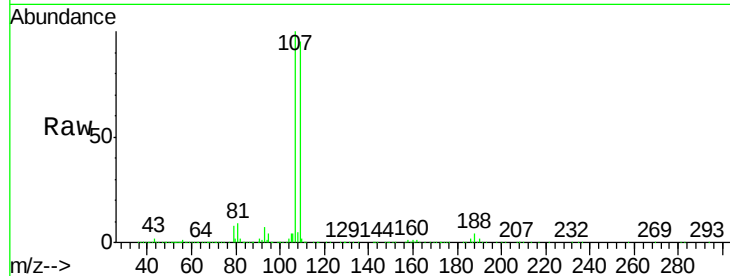
#61
 1,2-Dibromoethane
 Concen: 48.986 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.9	112.3

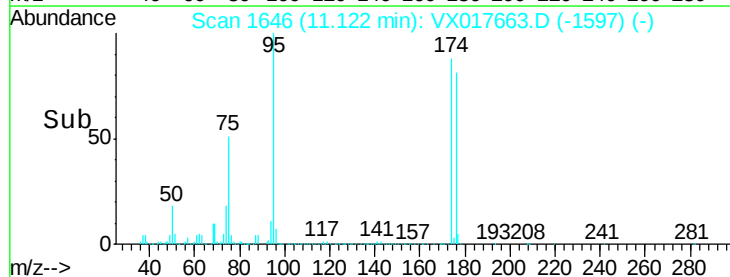
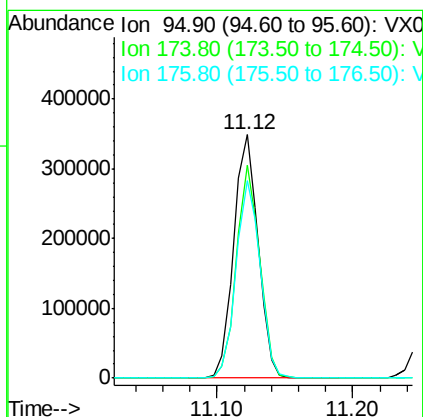
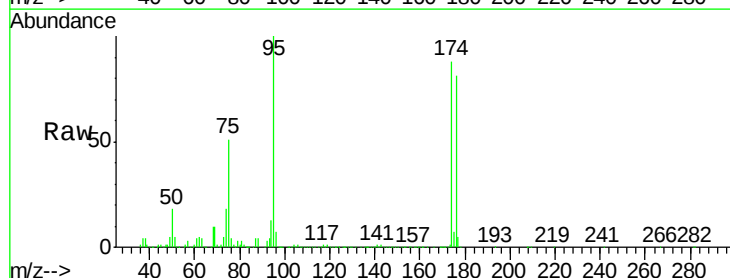
Manual Integrations
 APPROVED

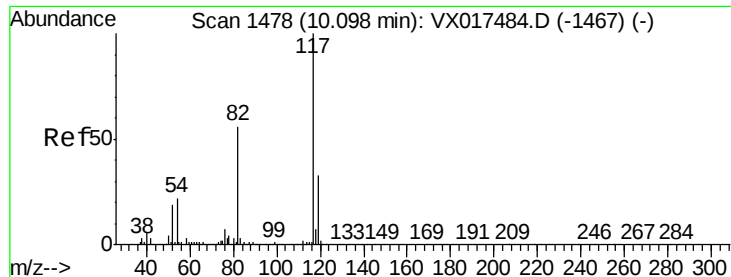
MMDadoda
 7/29/2020 10:49:48 AM



#62
 4-Bromofluorobenzene
 Concen: 47.343 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	169.0
176	80.1	0.0	161.0





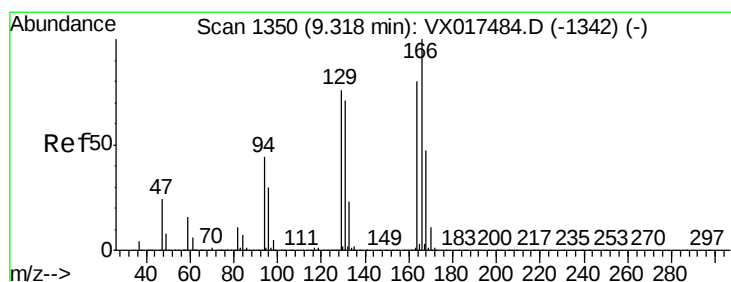
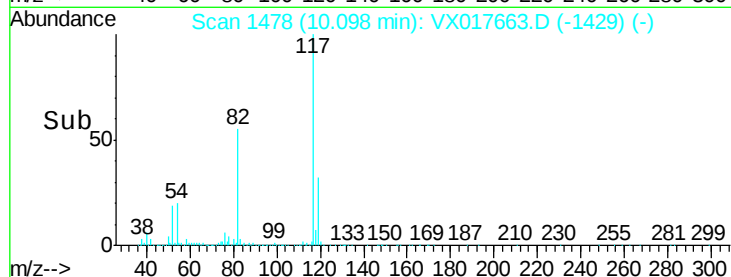
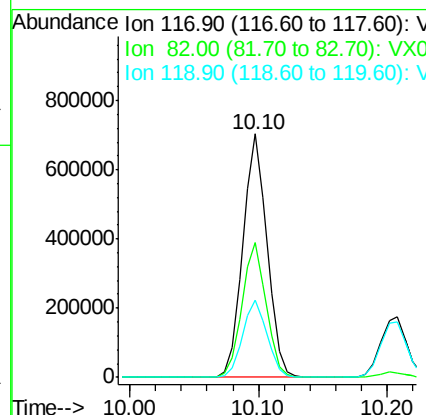
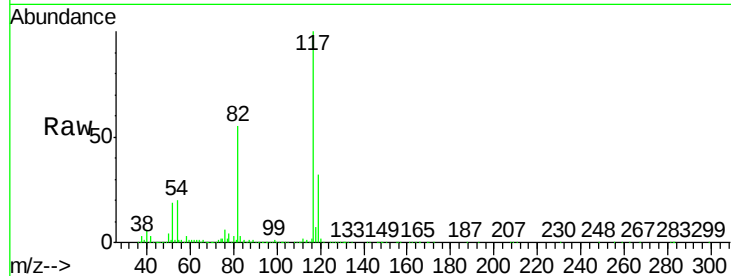
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.3	44.0	66.0
119	31.8	25.4	38.0

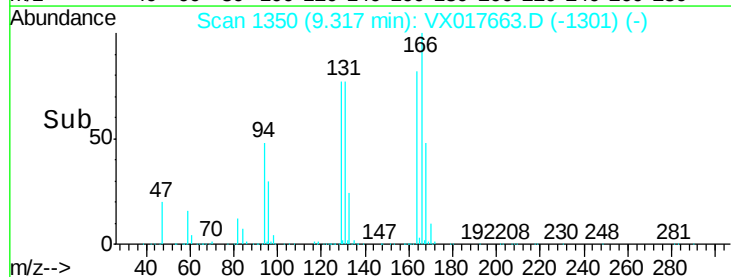
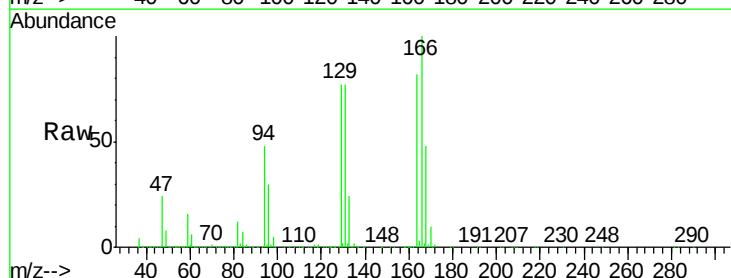
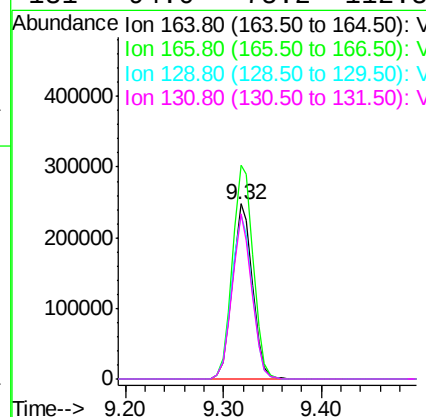
Manual Integrations
APPROVED

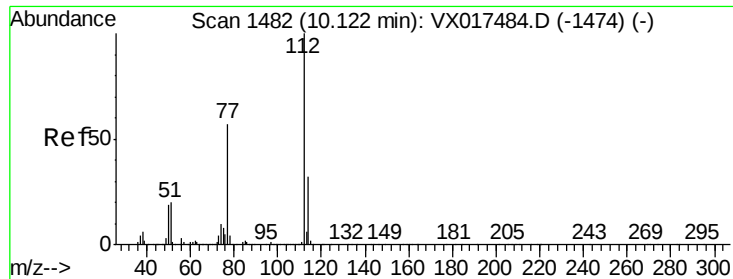
MMDadoda
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#64
Tetrachloroethene
Concen: 43.065 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	121.9	100.6	150.8
129	93.3	75.0	112.6
131	94.0	75.2	112.8





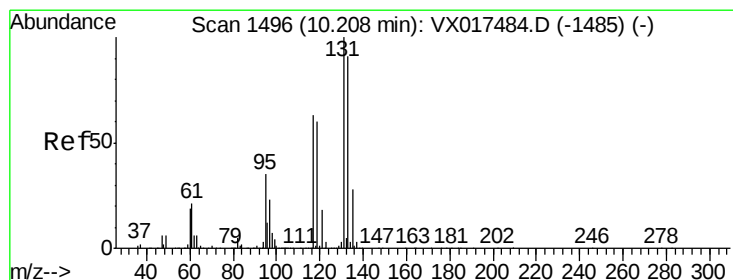
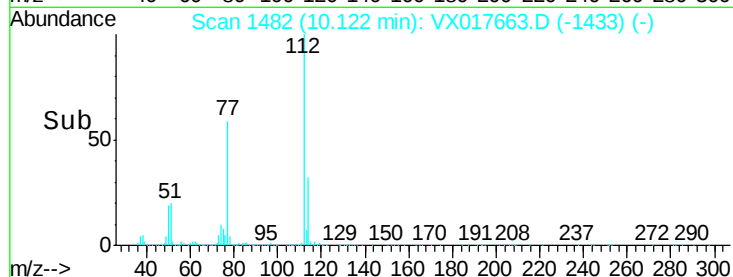
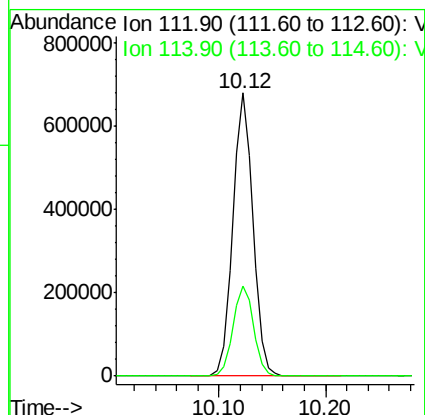
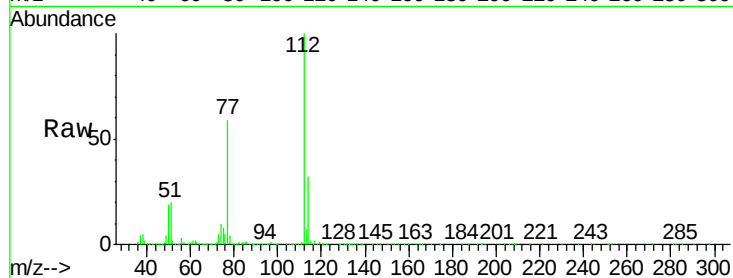
#65
Chlorobenzene
Concen: 45.626 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	902188		
114	32.0	25.7	38.5	

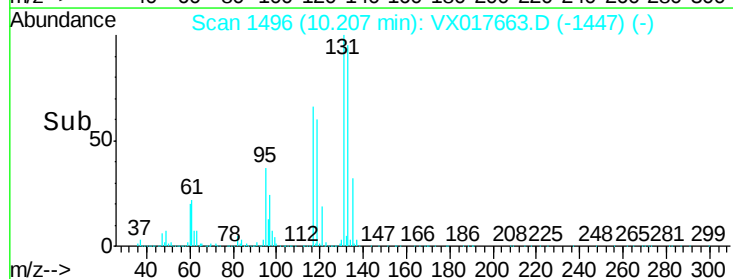
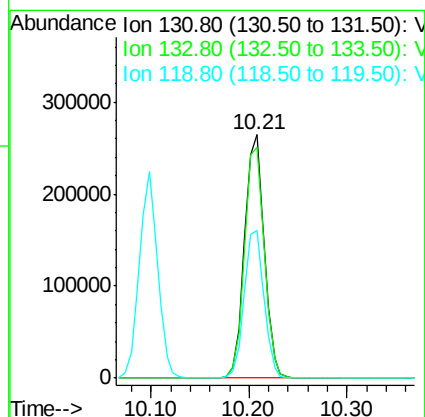
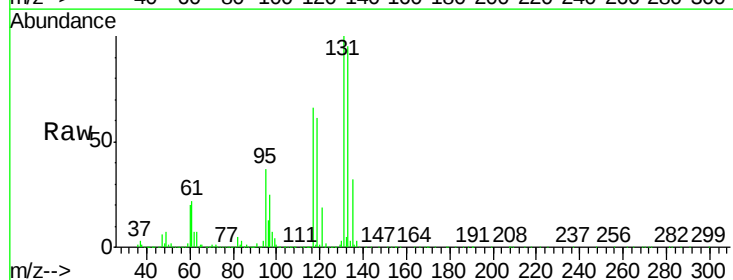
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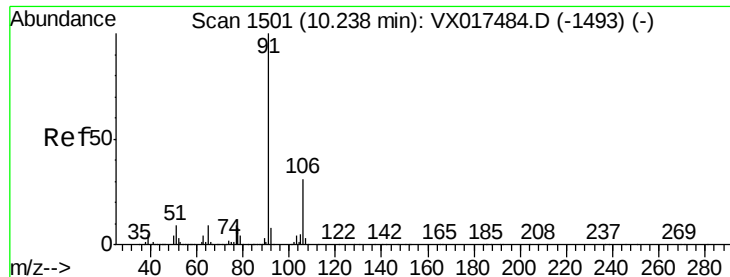
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.185 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	368573		
133	95.7	47.9	143.6	
119	61.4	31.1	93.3	





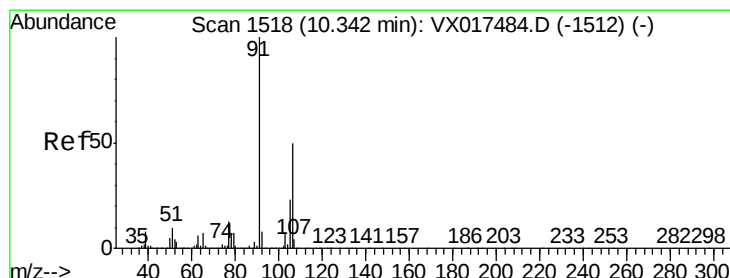
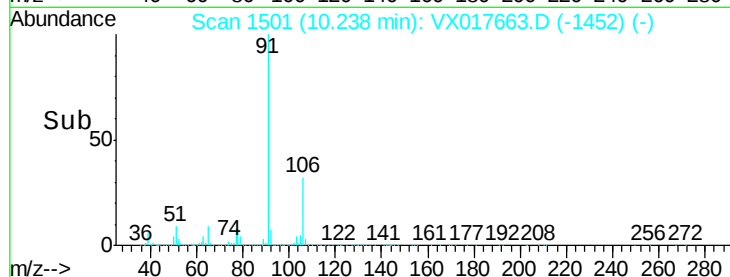
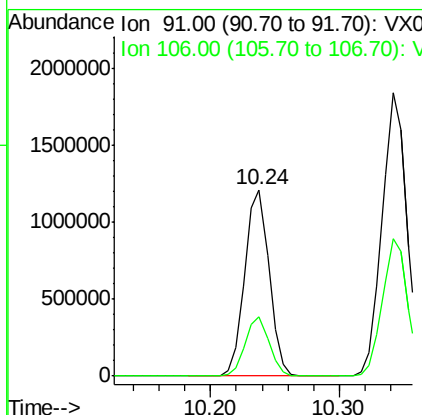
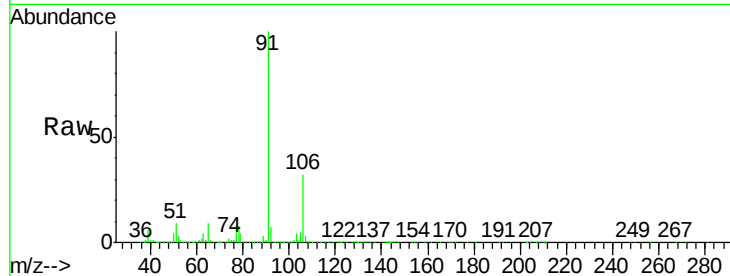
#67
Ethyl Benzene
Concen: 47.920 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1581743
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6

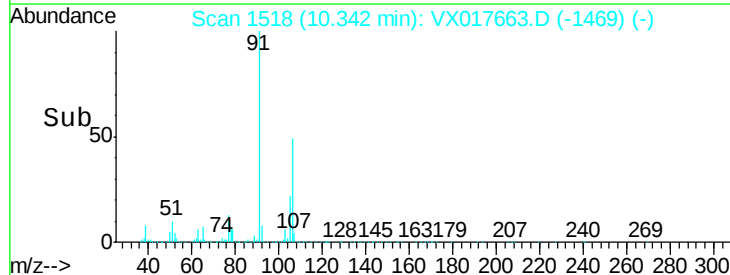
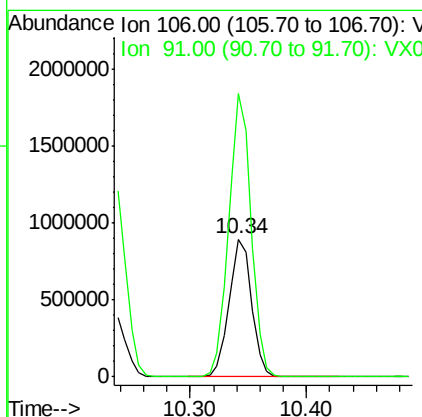
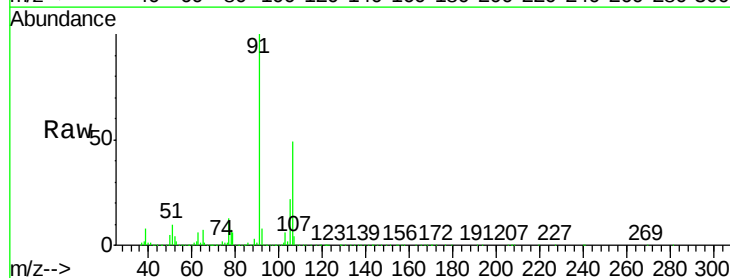
Manual Integrations
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#68
m/p-Xylenes
Concen: 94.428 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 106 Resp: 1207457
Ion Ratio Lower Upper
106 100
91 203.7 160.9 241.3





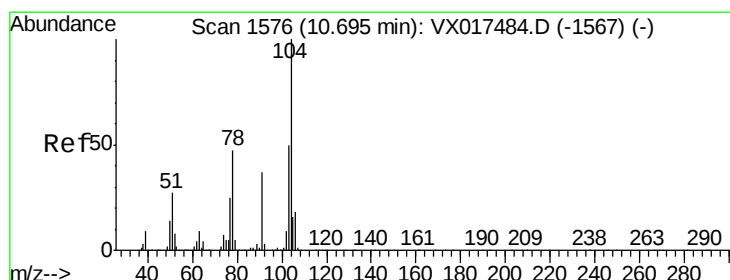
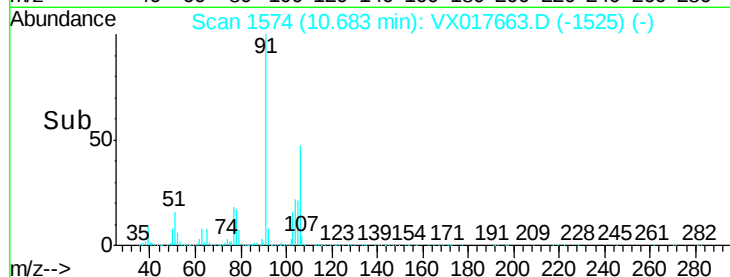
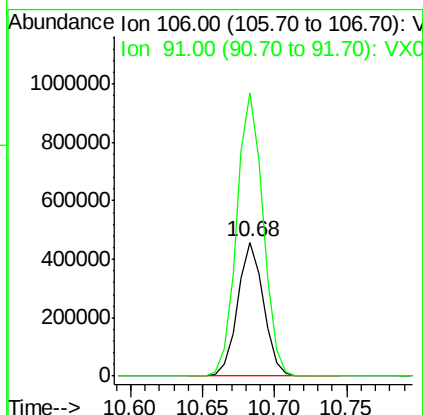
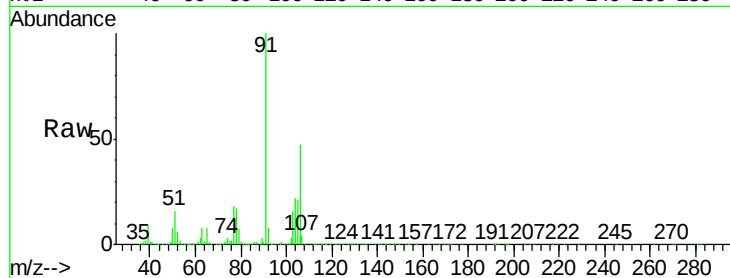
#69
o-Xylene
Concen: 46.685 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 574149
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6

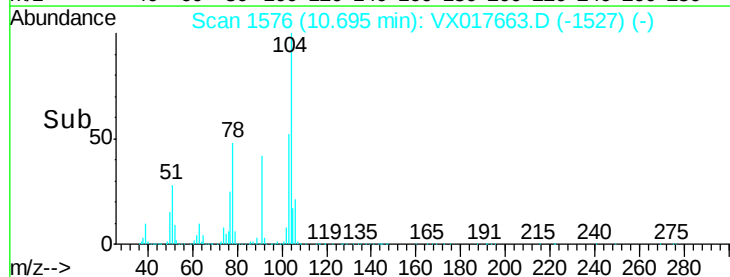
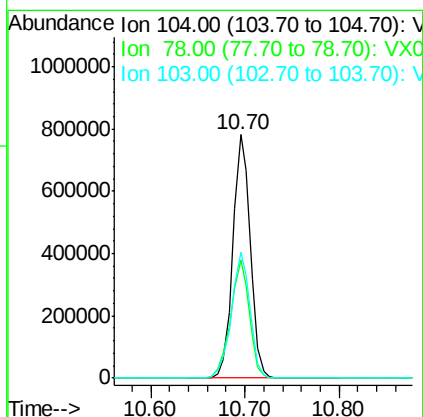
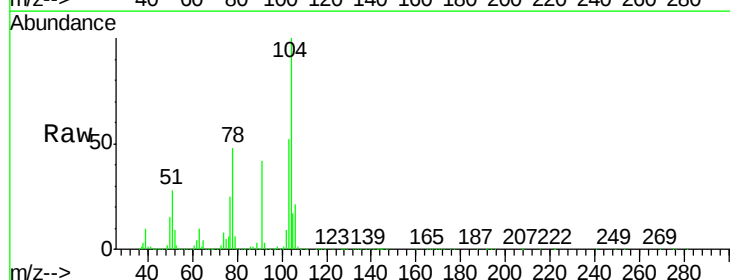
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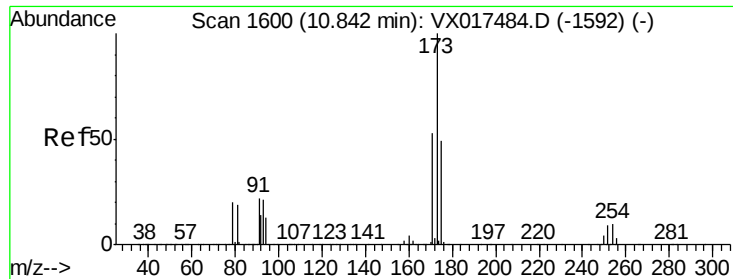
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#70
Styrene
Concen: 47.686 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion:104 Resp: 997802
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 47.109 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 325717

Ion Ratio Lower Upper

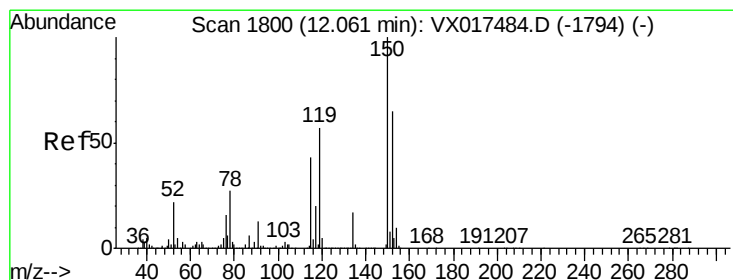
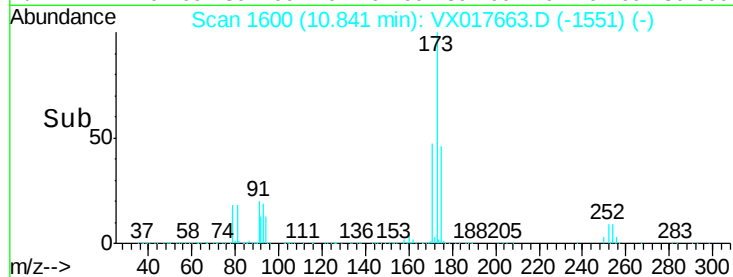
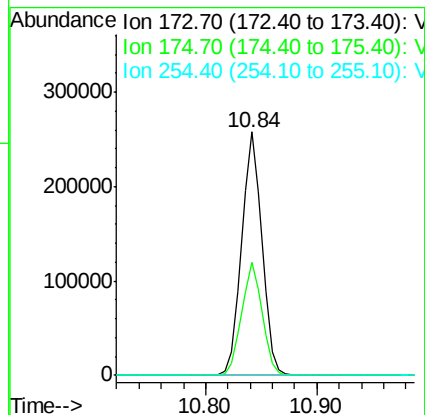
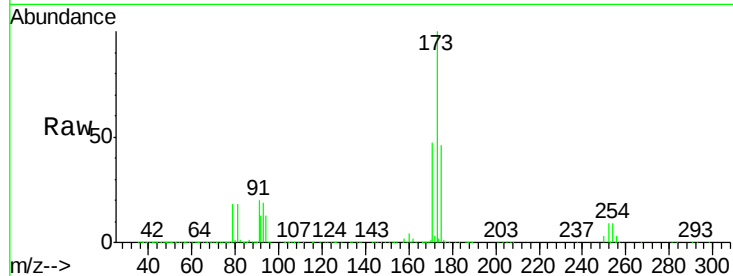
173 100

175 46.7 23.8 71.5

254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

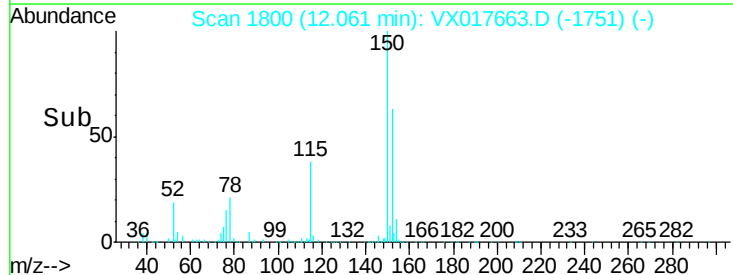
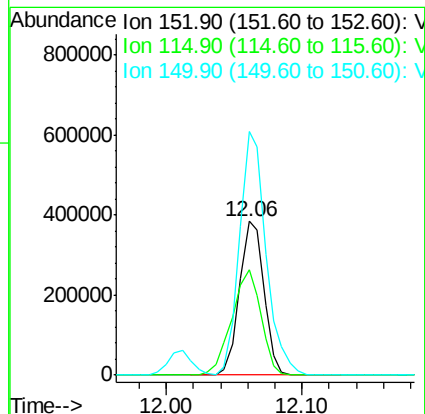
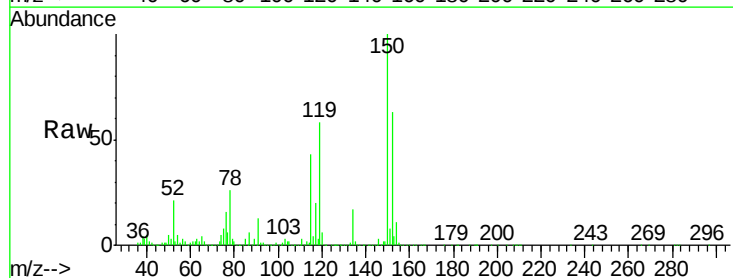
Tgt Ion:152 Resp: 479080

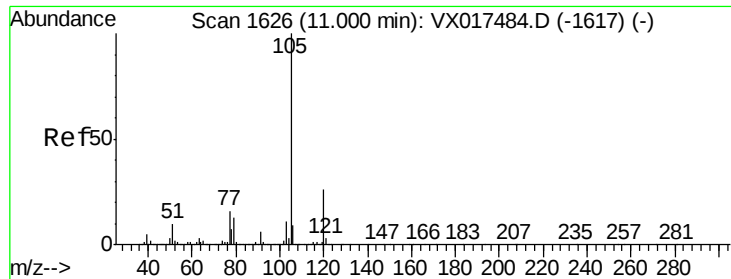
Ion Ratio Lower Upper

152 100

115 81.5 65.5 196.6

150 171.6 0.0 412.6





#73

Isopropylbenzene

Concen: 47.769 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1569947

Ion Ratio Lower Upper

105 100

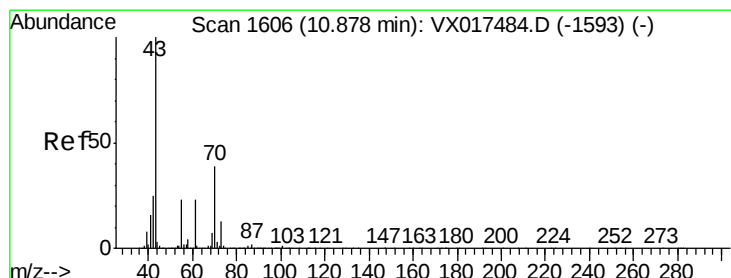
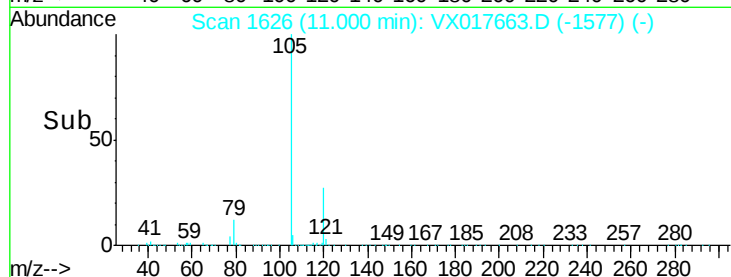
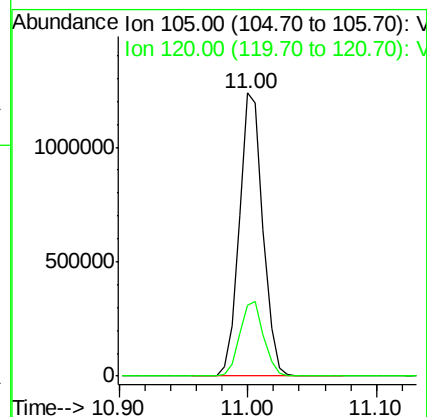
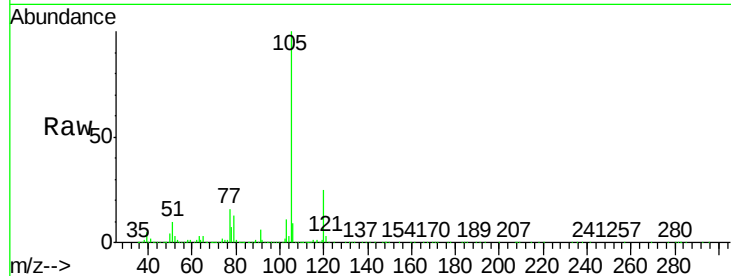
120 26.7 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.993 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion: 43 Resp: 700824

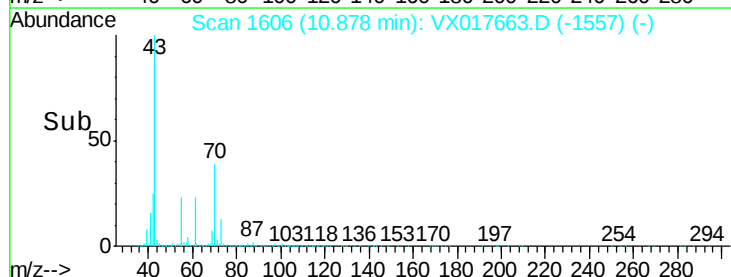
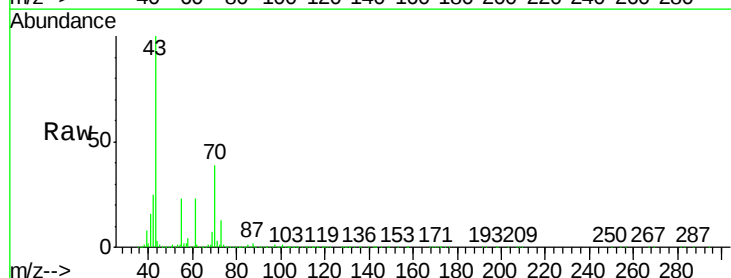
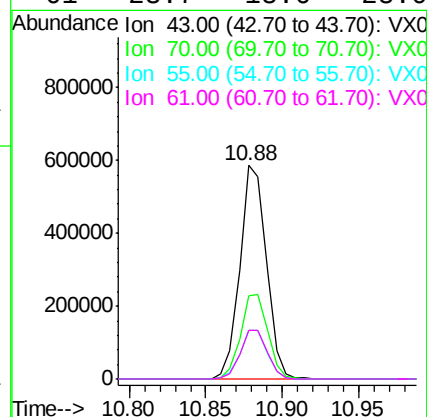
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.5 18.4 27.6

61 23.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

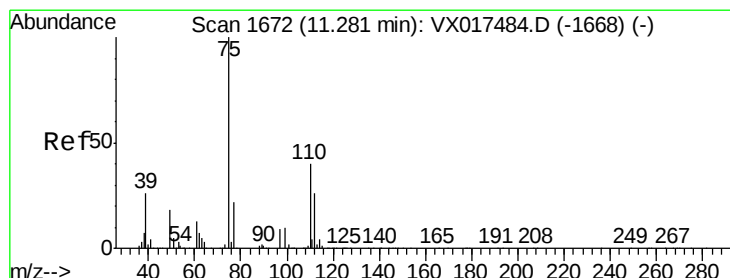
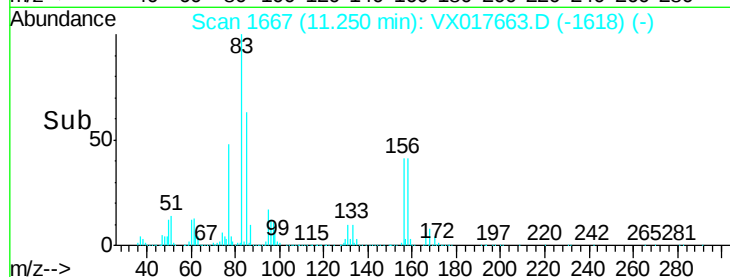
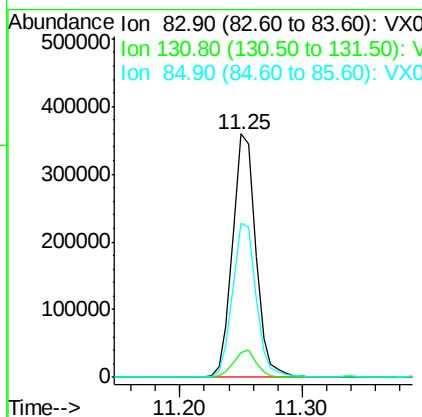
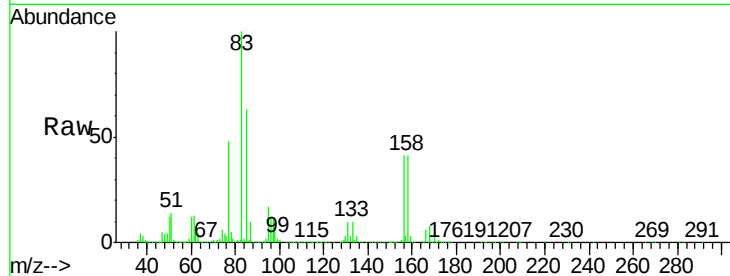
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	471304
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	64.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.108 ug/l m

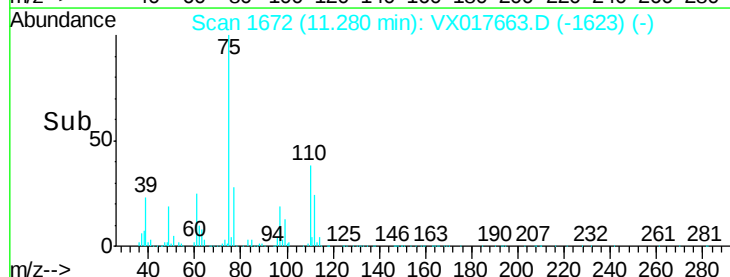
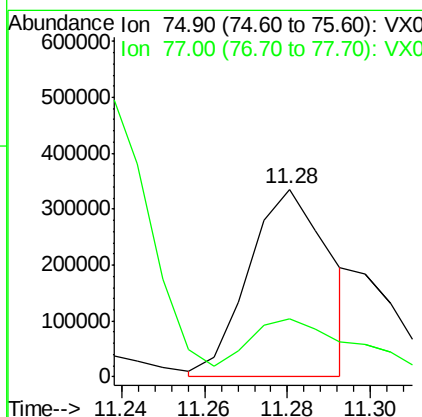
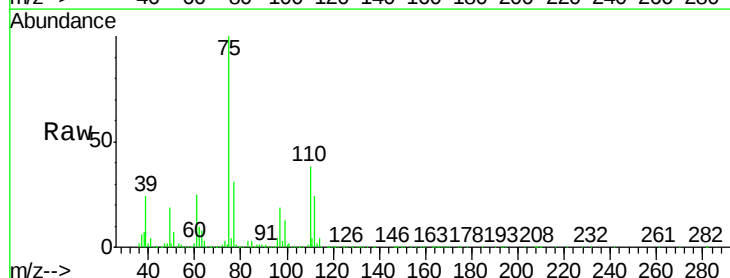
RT: 11.28 min Scan# 1672

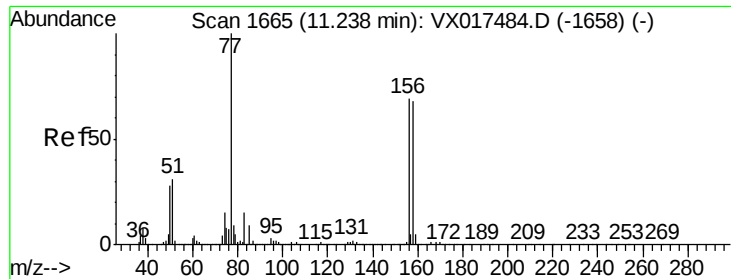
Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	75	Resp:	454394
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.8	65.3





#77

Bromobenzene

Concen: 45.924 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

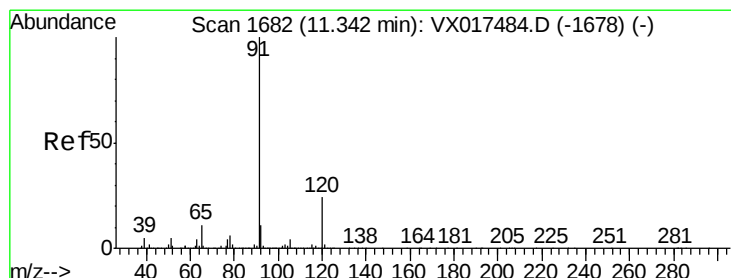
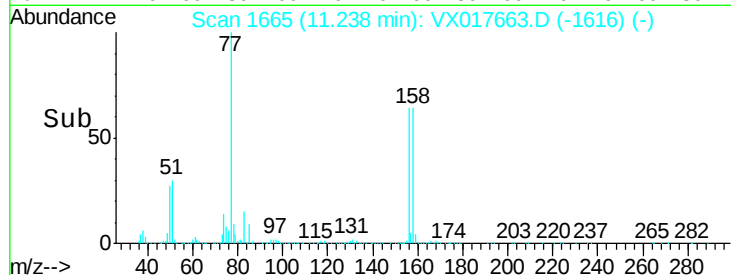
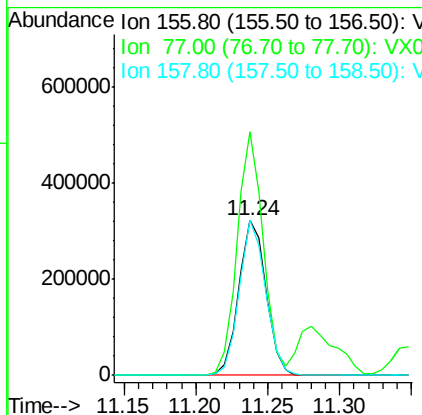
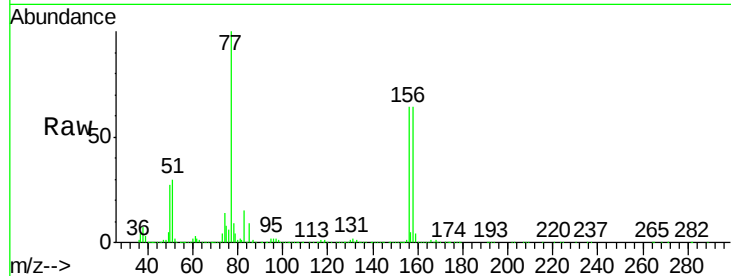
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	422539
Ion Ratio	Lower	Upper	
156	100		
77	150.9	75.0	225.0
158	96.8	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.822 ug/l

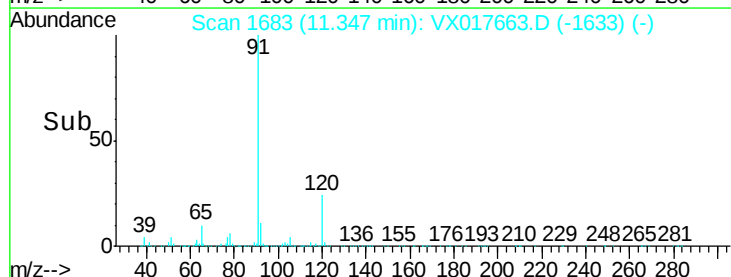
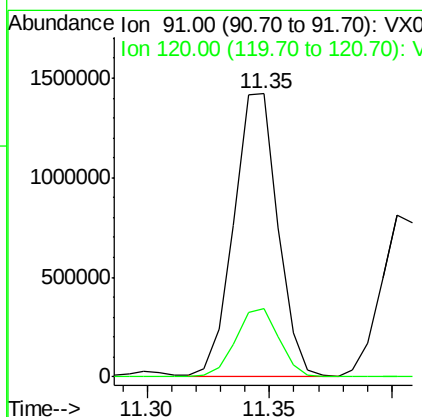
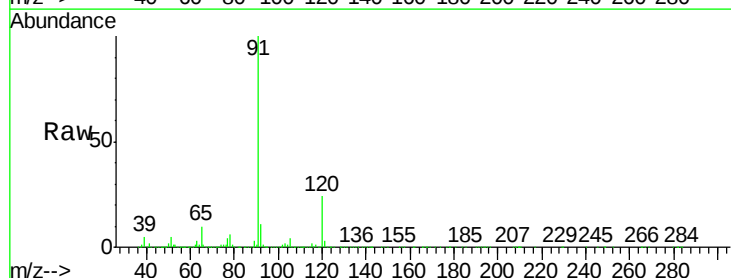
RT: 11.35 min Scan# 1683

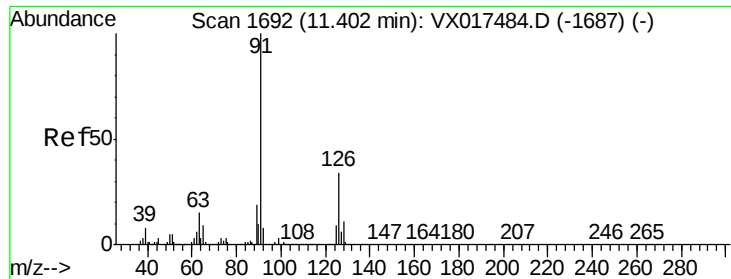
Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:	91	Resp:	1772642
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.2	36.4





#79

2-Chlorotoluene

Concen: 46.052 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1057424

Ion Ratio Lower Upper

91 100

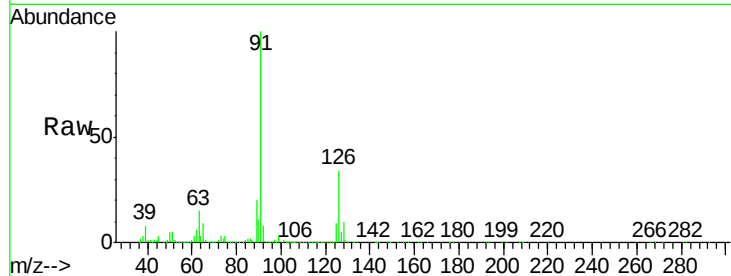
126 35.1 17.5 52.5

Manual Integrations

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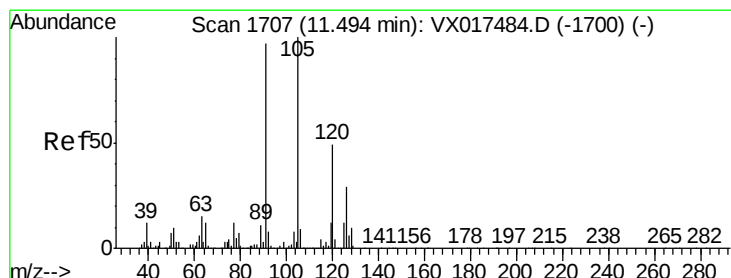
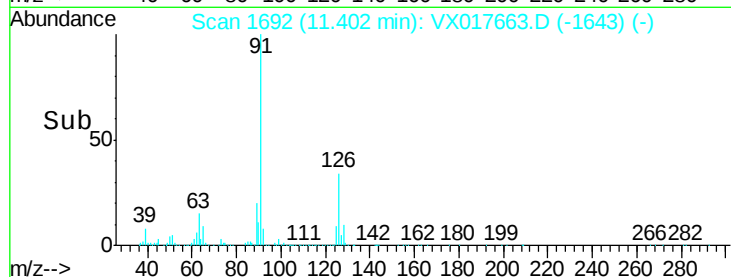
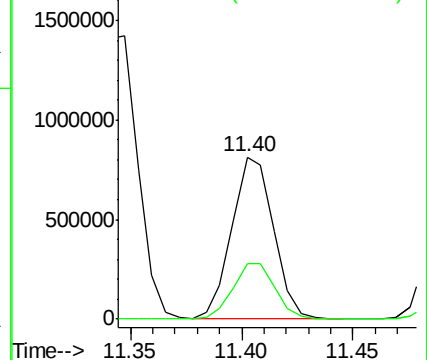
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017663.D

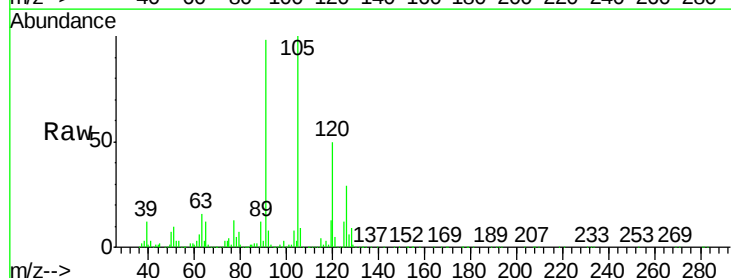
Acq: 28 Jul 2020 19:06

Tgt Ion: 105 Resp: 1328275

Ion Ratio Lower Upper

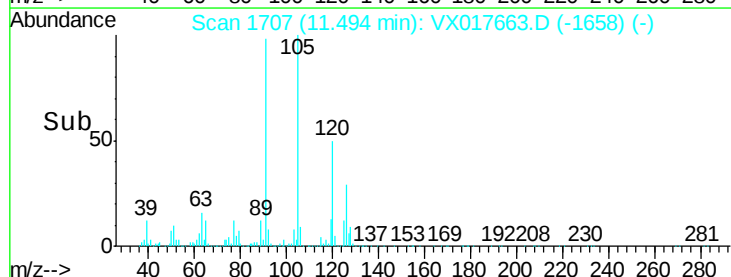
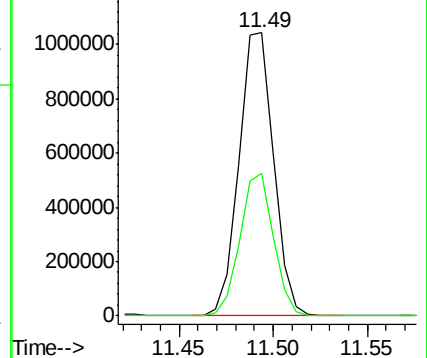
105 100

120 48.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





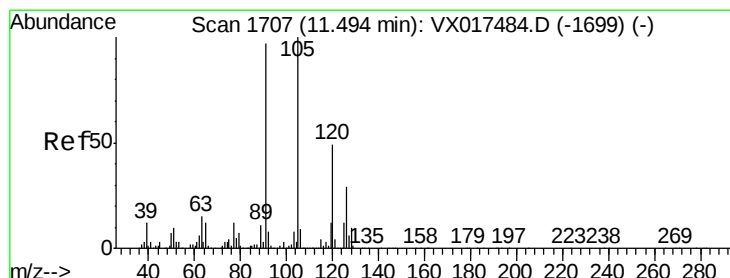
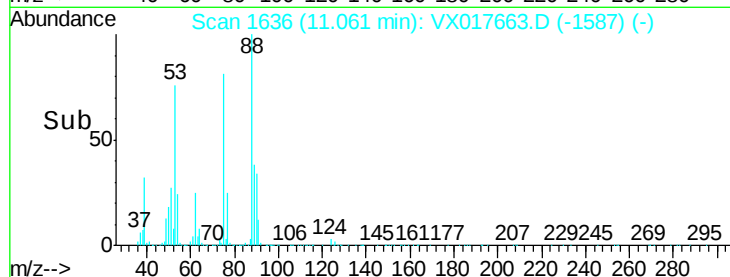
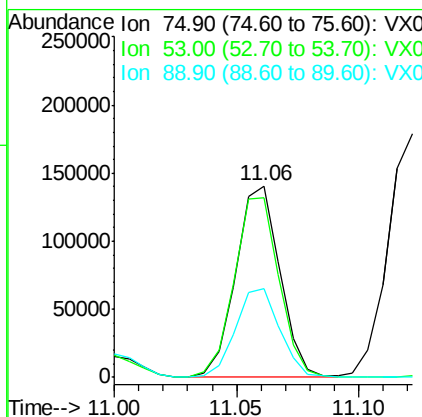
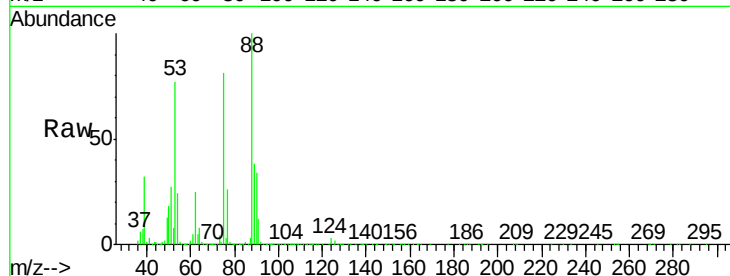
#81
trans-1,4-Dichloro-2-butene
Concen: 44.930 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.8	75.9	113.9
89	46.7	37.8	56.6

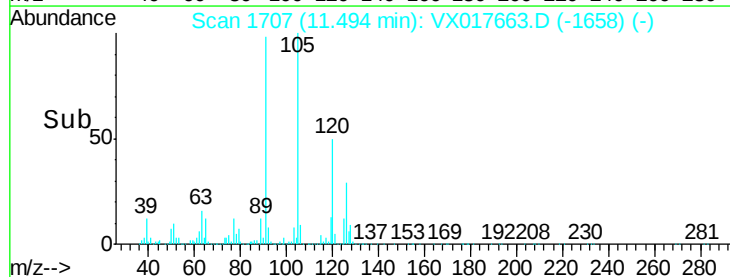
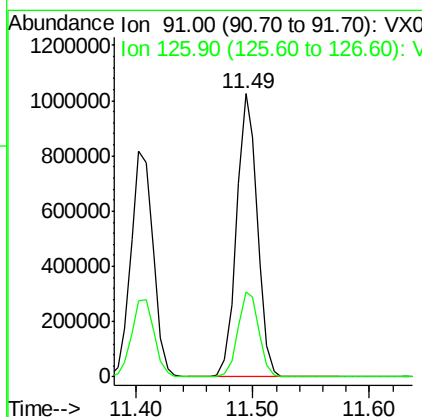
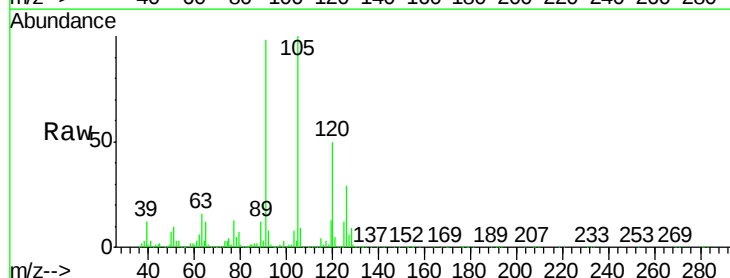
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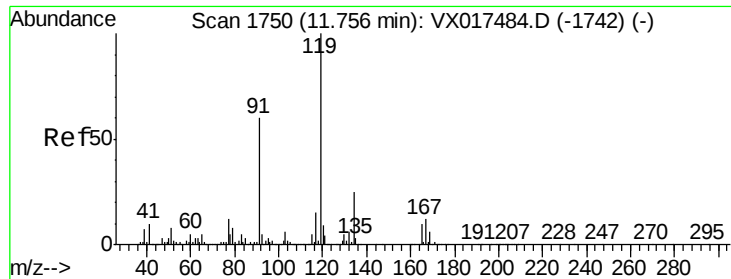
MMDadoda
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#82
4-Chlorotoluene
Concen: 46.806 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6





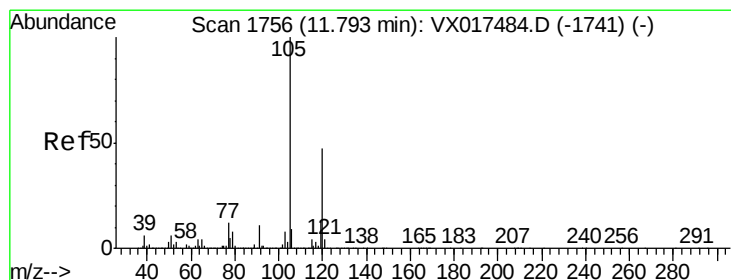
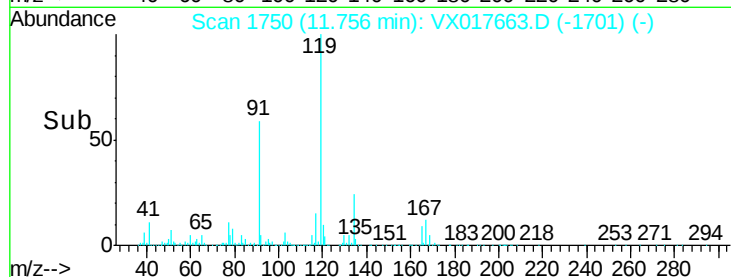
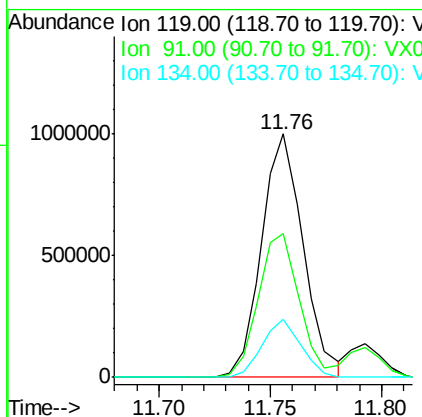
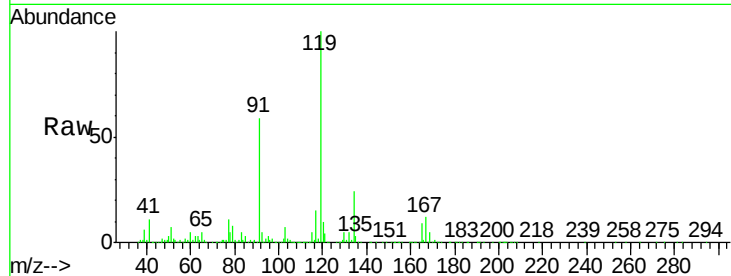
#83
 tert-Butylbenzene
 Concen: 48.383 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.3	88.0
134	22.5	11.2	33.6

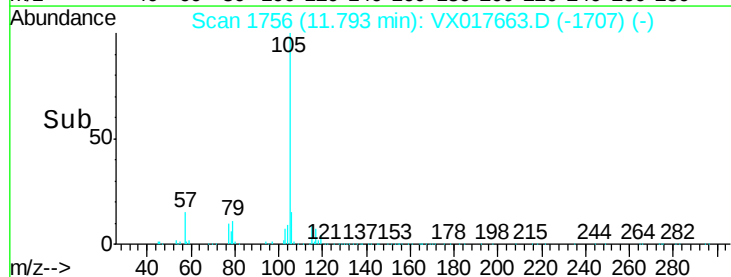
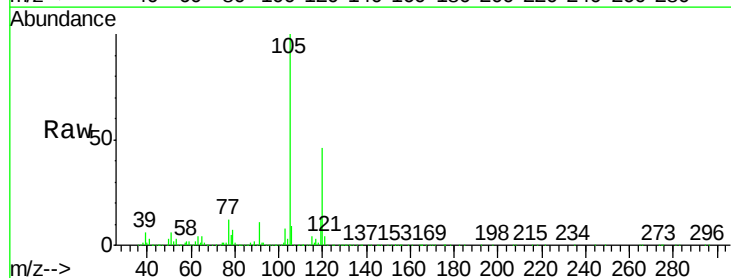
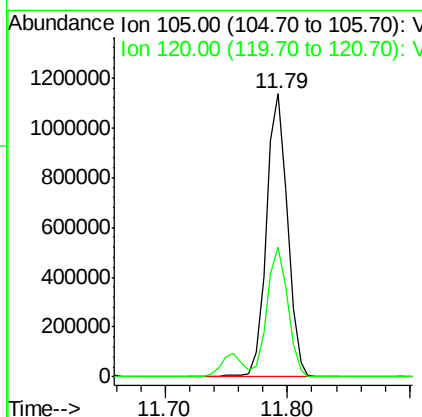
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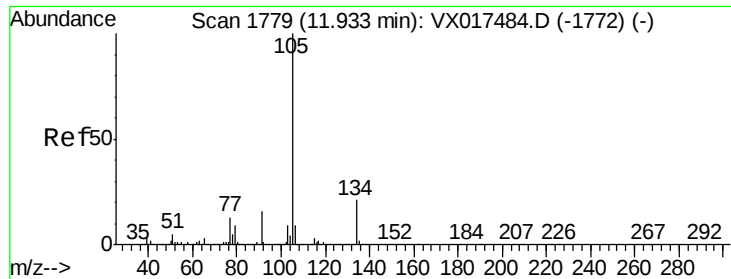
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.834 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.0





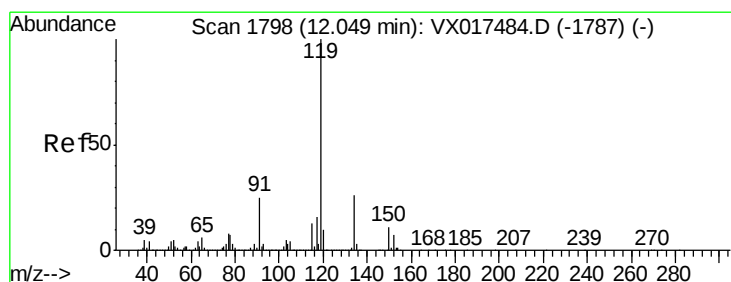
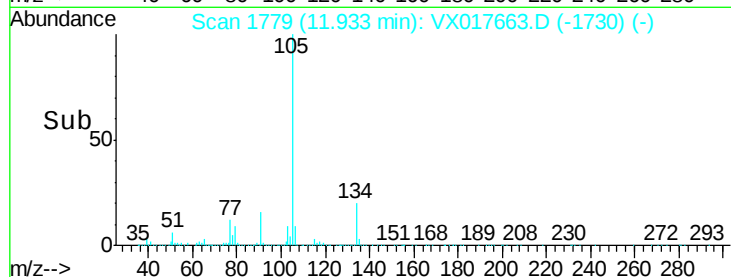
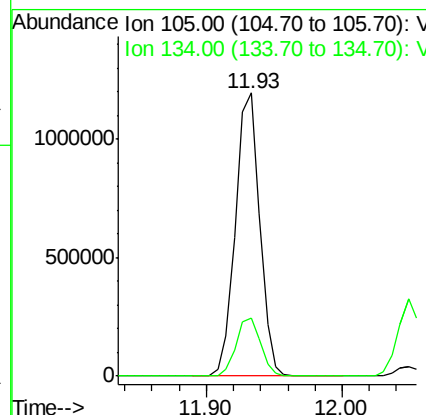
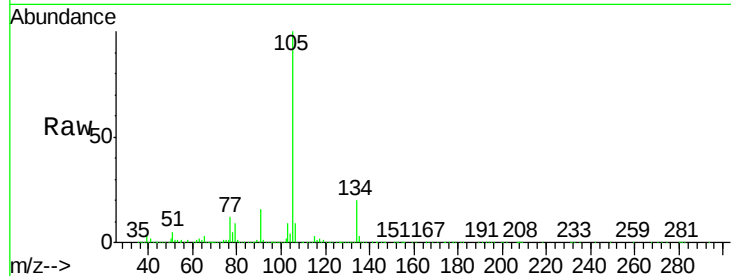
#85
 sec-Butylbenzene
 Concen: 47.433 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1483657
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

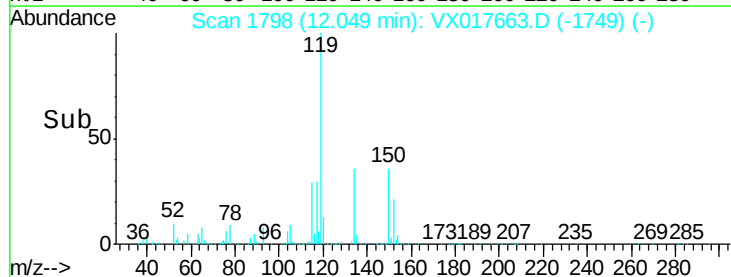
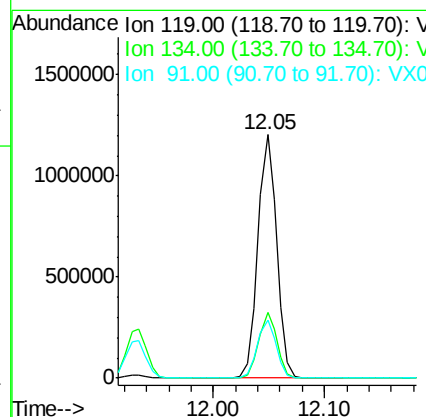
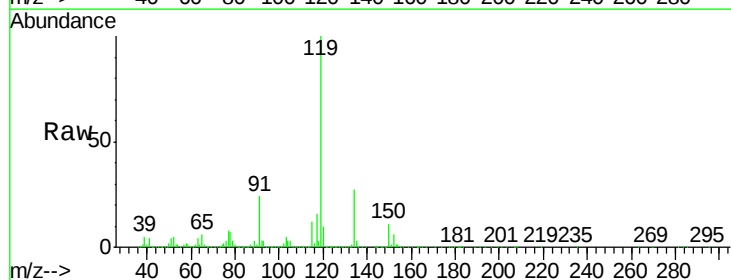
Manual Integrations
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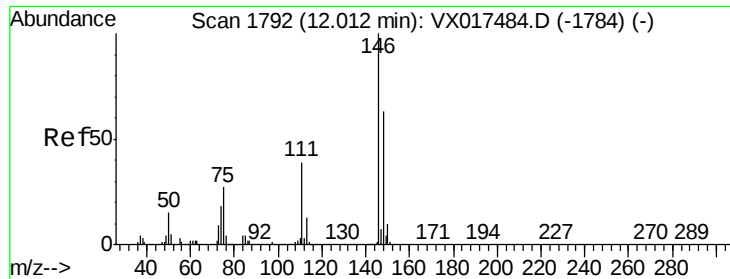
MMDadoda
 7/29/2020 10:49:48 AM



#86
 p-Isopropyltoluene
 Concen: 47.440 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion:119 Resp: 1413101
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.9 12.1 36.3





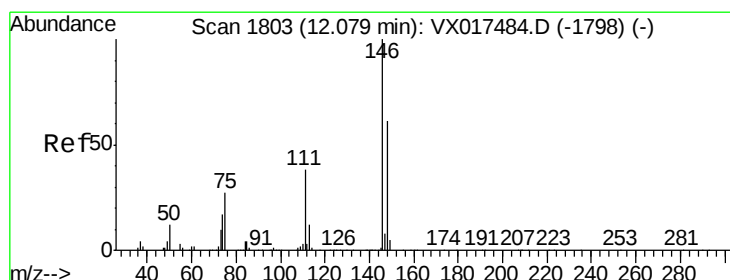
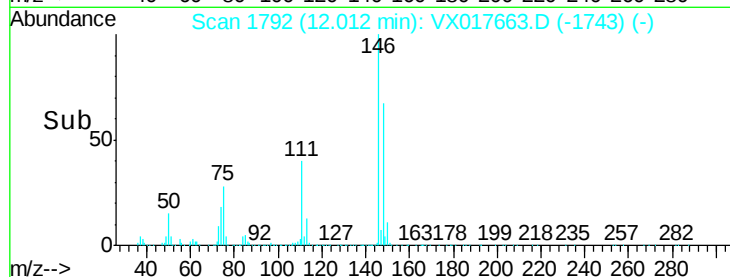
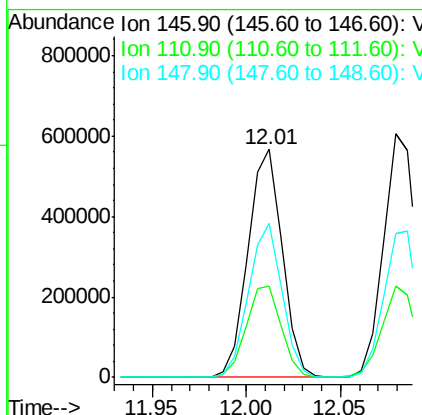
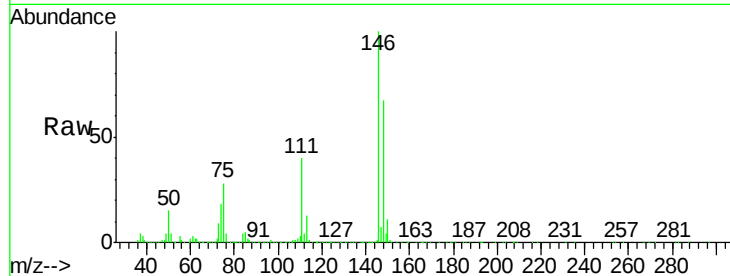
#87
 1,3-Dichlorobenzene
 Concen: 45.307 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.9	59.7
148	65.9	31.6	95.0

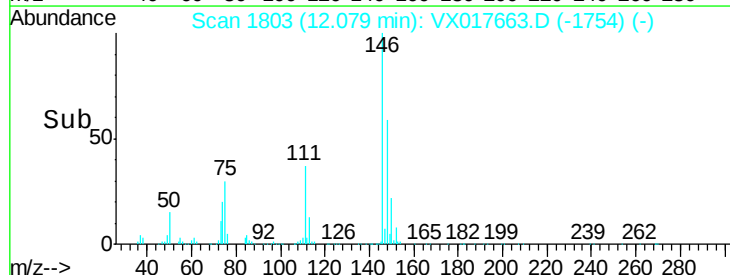
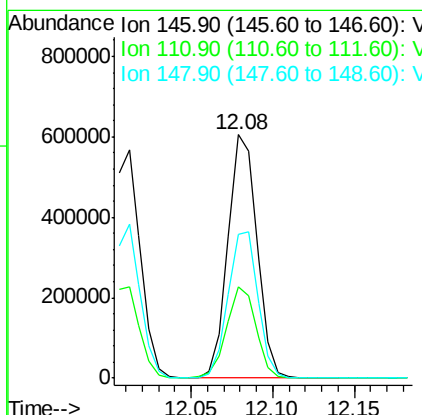
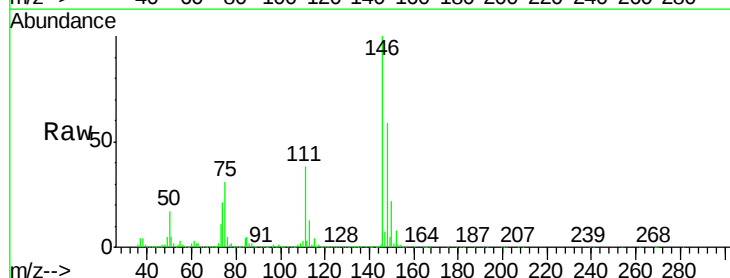
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 45.824 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	61.9	32.2	96.6





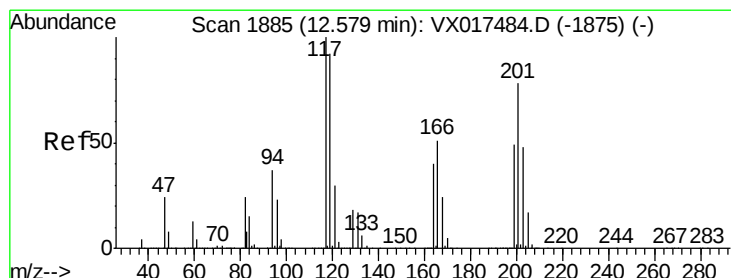
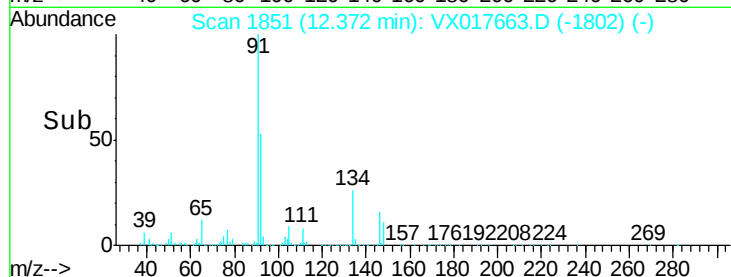
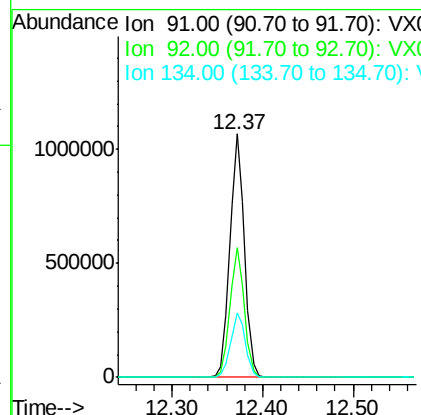
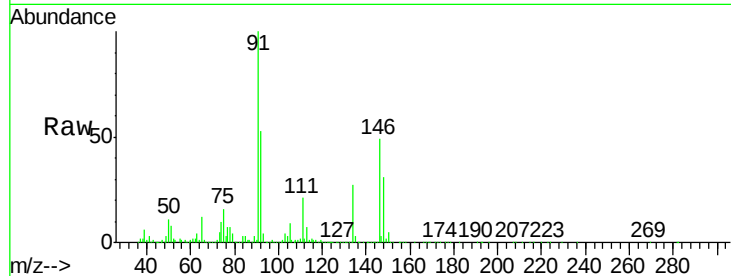
#89
n-Butylbenzene
Concen: 45.275 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1201685
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 27.2 13.6 40.7

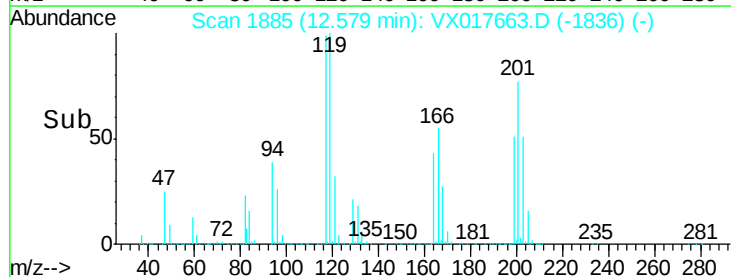
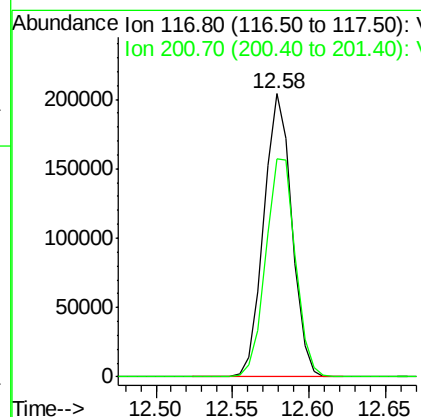
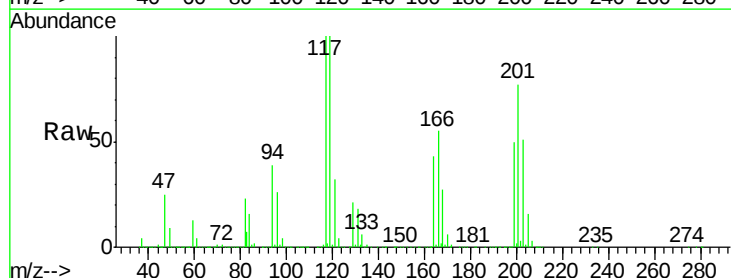
Manual Integrations
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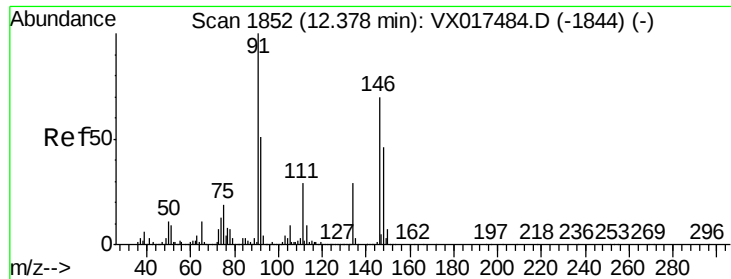
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#90
Hexachloroethane
Concen: 44.680 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 117 Resp: 262385
Ion Ratio Lower Upper
117 100
201 81.5 42.2 126.6





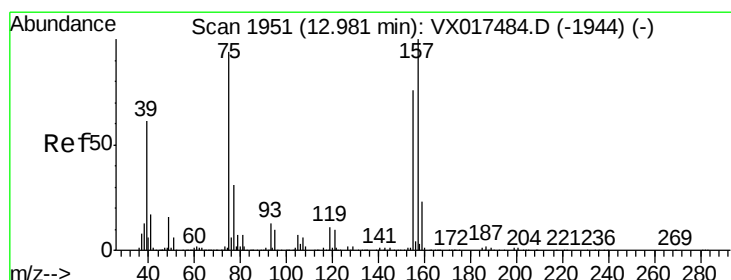
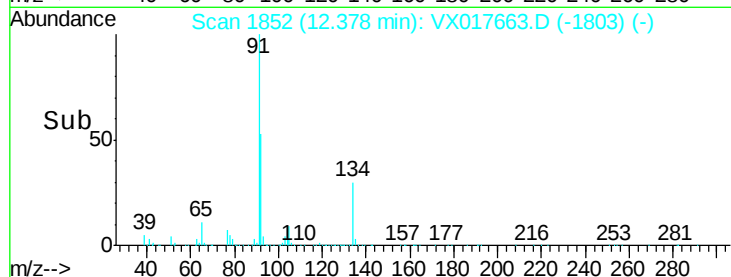
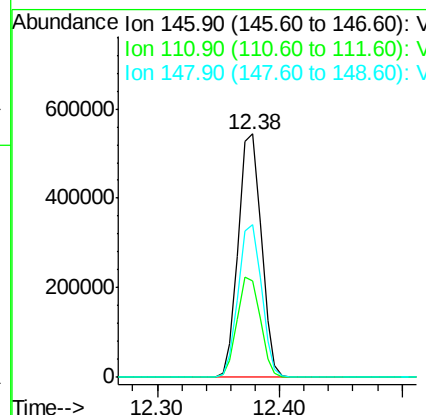
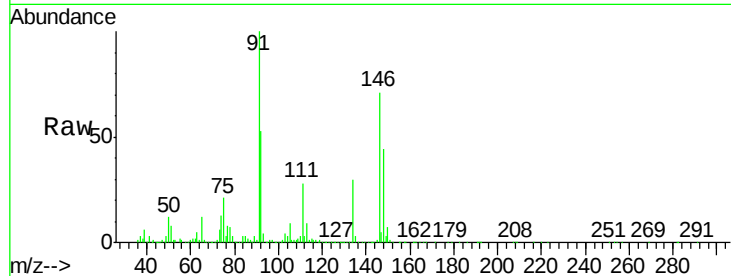
#91
1,2-Dichlorobenzene
Concen: 45.637 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	41.2	20.9	62.8
148	63.0	32.8	98.4

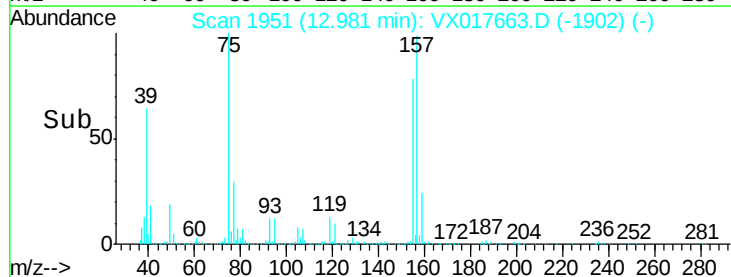
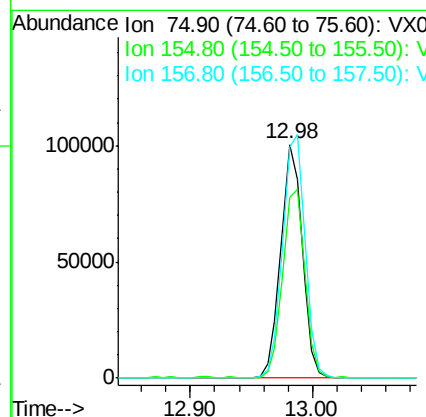
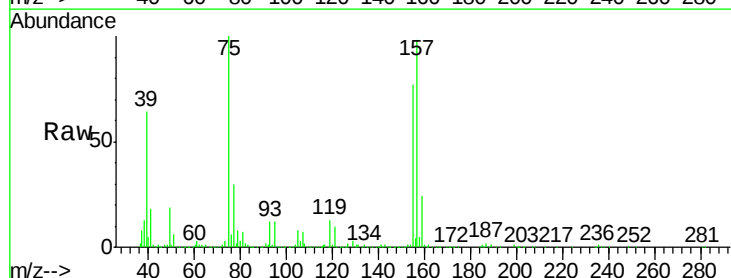
Manual Integrations
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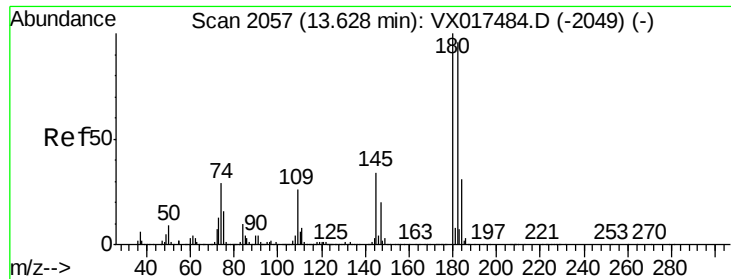
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#92
1,2-Dibromo-3-Chloropropane
Concen: 42.975 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp Lower	Upper
75	100		
155	83.1	42.3	126.8
157	108.6	54.3	162.9





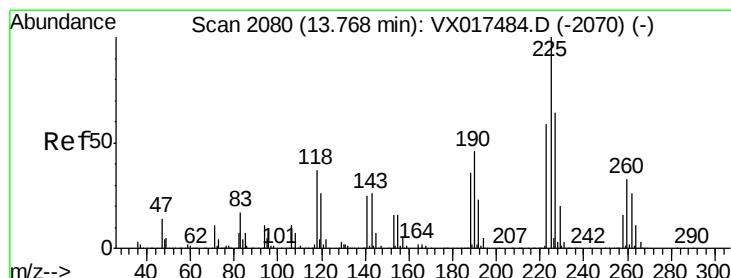
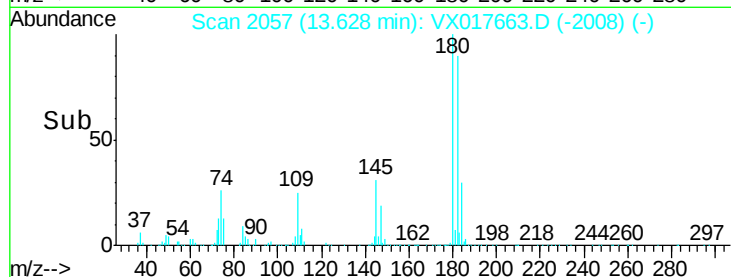
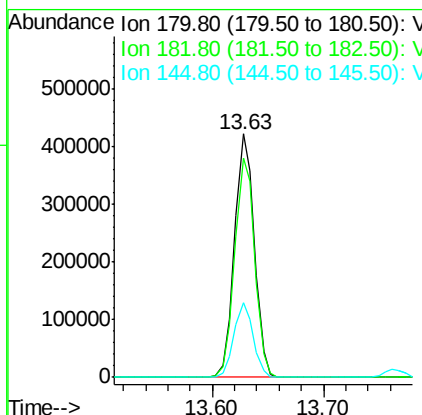
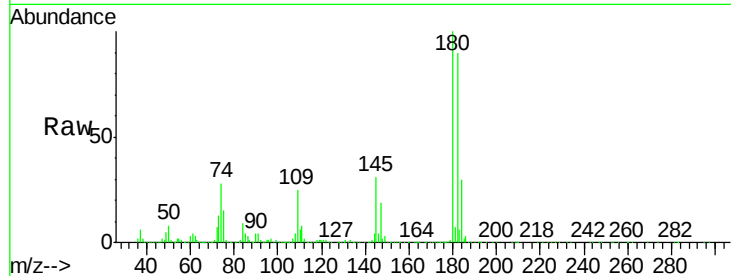
#93
1,2,4-Trichlorobenzene
Concen: 48.903 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	518285		
182	91.0	47.5	142.6	
145	29.8	15.4	46.4	

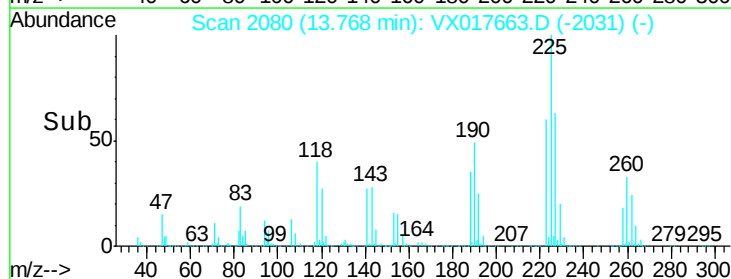
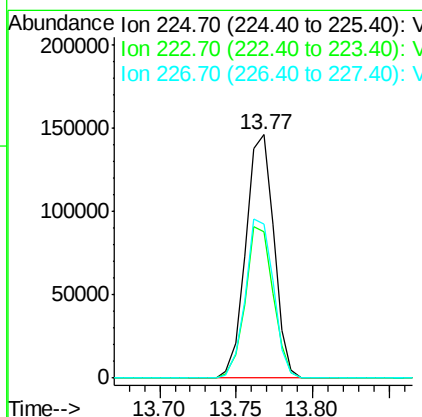
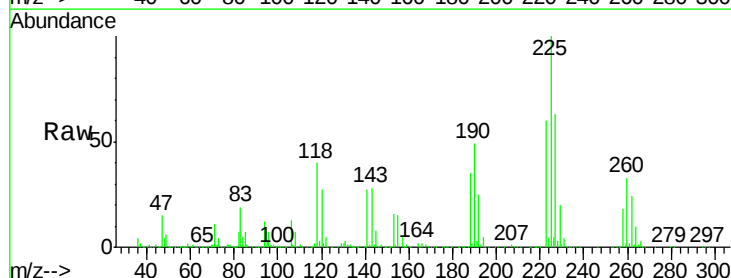
Manual Integrations
APPROVED

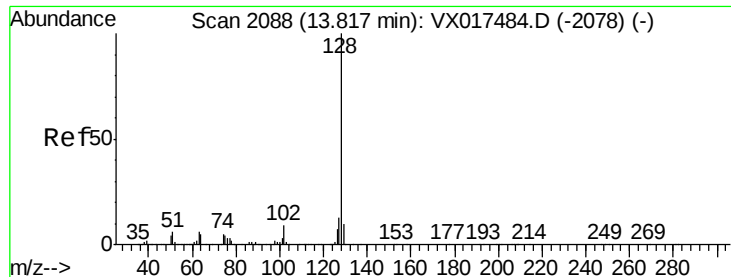
MMDadoda
7/29/2020 10:49:48 AM



#94
Hexachlorobutadiene
Concen: 38.246 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	186583		
223	61.7	30.3	90.9	
227	65.0	31.1	93.2	





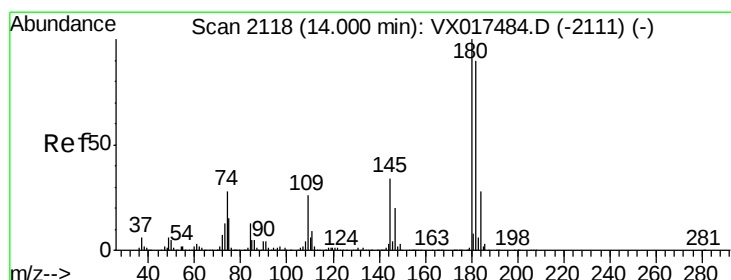
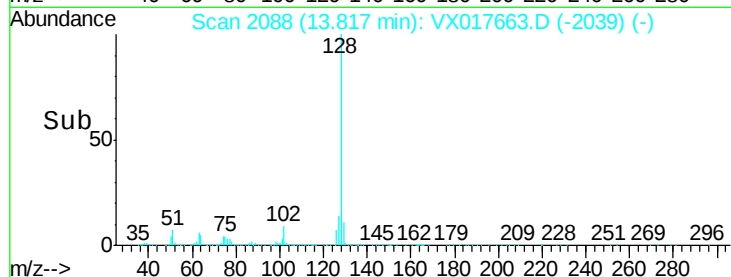
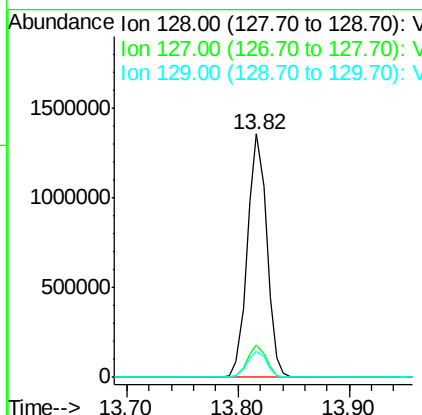
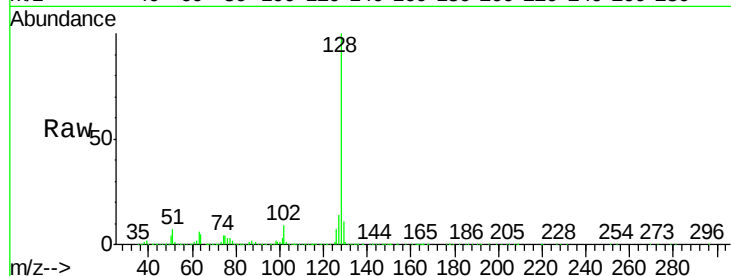
#95
Naphthalene
Concen: 51.596 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 10:49:48 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.805 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.3
145	33.0	16.3	48.9

