

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017797.D
 Acq On : 06 Aug 2020 10:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:32 PM

Quant Time: Aug 06 15:28:21 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	5.63	168	391851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	579284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	255951	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.46	113	198798	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.70	98	727465	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.12	95	276457	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	170733	46.900	ug/l	99
3) Chloromethane	1.32	50	206786	42.746	ug/l	99
4) Vinyl Chloride	1.39	62	229155	46.473	ug/l	98
5) Bromomethane	1.62	94	143159	54.276	ug/l	97
6) Chloroethane	1.71	64	146620	53.984	ug/l	99
7) Trichlorofluoromethane	1.92	101	393318	50.713	ug/l	100
8) Diethyl Ether	2.17	74	137402	54.774	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213685	50.206	ug/l	97
10) Methyl Iodide	2.49	142	276296	50.742	ug/l	96
11) Tert butyl alcohol	3.01	59	330165	311.226	ug/l	99
12) 1,1-Dichloroethene	2.36	96	201648	49.822	ug/l	94
13) Acrolein	2.27	56	216682	267.235	ug/l	100
14) Allyl chloride	2.71	41	391749	53.008	ug/l	96
15) Acrylonitrile	3.12	53	669553	292.213	ug/l	100
16) Acetone	2.42	43	595448	268.774	ug/l	97
17) Carbon Disulfide	2.55	76	533027	43.328	ug/l	99
18) Methyl Acetate	2.75	43	340298	65.221	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	720643	51.442	ug/l	99
20) Methylene Chloride	2.84	84	241366	58.054	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	211183	48.706	ug/l	97
22) Diisopropyl ether	3.82	45	622107	46.037	ug/l	92
23) Vinyl Acetate	3.78	43	2824251	234.404	ug/l	99
24) 1,1-Dichloroethane	3.67	63	360875	46.359	ug/l	99
25) 2-Butanone	4.64	43	828406	263.217	ug/l	97
26) 2,2-Dichloropropane	4.55	77	375981	53.958	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	227505	48.308	ug/l	100
28) Bromochloromethane	4.98	49	170738	48.401	ug/l	96
29) Tetrahydrofuran	5.09	42	516923	265.160	ug/l	97
30) Chloroform	5.18	83	412778	51.896	ug/l	100
31) Cyclohexane	5.55	56	289355	46.613	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	388290	51.770	ug/l	99
36) 1,1-Dichloropropene	5.76	75	292914	52.722	ug/l	99
37) Ethyl Acetate	4.80	43	318812	52.445	ug/l	100
38) Carbon Tetrachloride	5.75	117	371627	55.082	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	309882	47.779	ug/l	95
40) Benzene	6.11	78	839740	52.720	ug/l	97
41) Methacrylonitrile	5.00	41	179936	51.640	ug/l	96
42) 1,2-Dichloroethane	6.16	62	357405	54.847	ug/l	100
43) Isopropyl Acetate	6.41	43	542459	54.084	ug/l	99
44) Trichloroethene	7.18	130	249306	53.557	ug/l	94
45) 1,2-Dichloropropane	7.49	63	226059	51.196	ug/l	97
46) Dibromomethane	7.63	93	159816	51.214	ug/l	99
47) Bromodichloromethane	7.87	83	353649	56.323	ug/l	98
48) Methyl methacrylate	7.74	41	268729	54.051	ug/l	96
49) 1,4-Dioxane	7.71	88	103610	1086.968	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1763197	294.629	ug/l	100
52) Toluene	8.76	92	545210	53.373	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	390733	55.590	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	426886	59.543	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239717	56.333	ug/l	97
56) Ethyl methacrylate	9.16	69	371433	57.936	ug/l	99
57) 1,3-Dichloropropane	9.35	76	377043	53.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	883941	261.703	ug/l	98
59) 2-Hexanone	9.47	43	1323000	293.632	ug/l	100
60) Dibromochloromethane	9.57	129	296239	54.771	ug/l	98
61) 1,2-Dibromoethane	9.65	107	278485	61.469	ug/l	99
64) Tetrachloroethene	9.32	164	260126	51.334	ug/l	98
65) Chlorobenzene	10.12	112	620302	50.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	259788	52.674	ug/l	100
67) Ethyl Benzene	10.24	91	1064246	52.171	ug/l	97
68) m/p-Xylenes	10.34	106	820015	103.765	ug/l	97
69) o-Xylene	10.68	106	402554	52.964	ug/l	97
70) Styrene	10.70	104	704087	54.447	ug/l	99
71) Bromoform	10.84	173	221174	51.761	ug/l #	98
73) Isopropylbenzene	11.00	105	1086622	54.034	ug/l	100
74) N-amyl acetate	10.88	43	480500	53.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	350796	55.886	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	355218m	58.909	ug/l	
77) Bromobenzene	11.24	156	304817	54.144	ug/l	97
78) n-propylbenzene	11.34	91	1362749	60.084	ug/l	98
79) 2-Chlorotoluene	11.40	91	789593	56.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1004420	58.499	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	128997	53.905	ug/l #	91
82) 4-Chlorotoluene	11.49	91	946808	57.129	ug/l	99
83) tert-Butylbenzene	11.76	119	873873	53.190	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	941742	55.145	ug/l	99
85) sec-Butylbenzene	11.93	105	1054596	55.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	991109	54.379	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	483948	50.058	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	505195	50.449	ug/l	98
89) n-Butylbenzene	12.37	91	851953	52.459	ug/l	100
90) Hexachloroethane	12.58	117	184555	51.362	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	477892	50.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90679	51.027	ug/l	98

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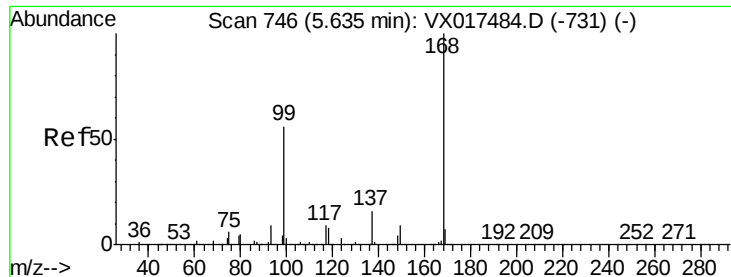
Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	338168	52.148	ug/l	98
94) Hexachlorobutadiene	13.77	225	147424	49.387	ug/l	99
95) Naphthalene	13.82	128	1038541	53.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336679	52.581	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 391851

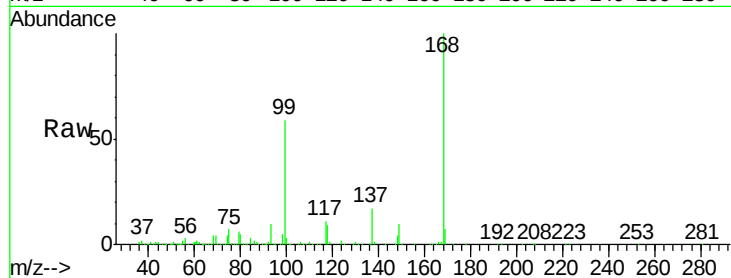
Ion Ratio Lower Upper

168 100

99 59.0 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

5.63

150000

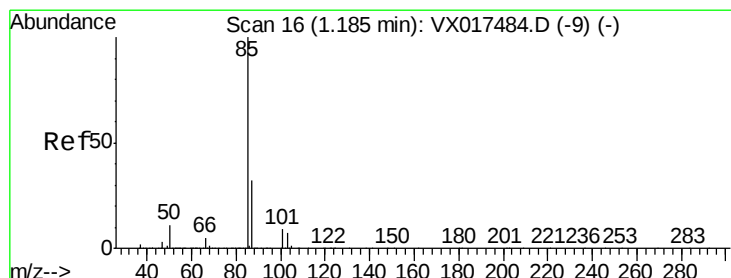
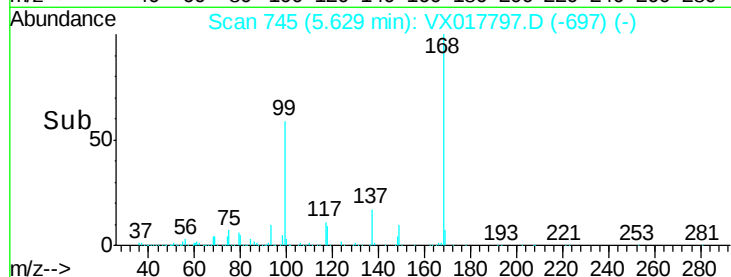
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.900 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017797.D

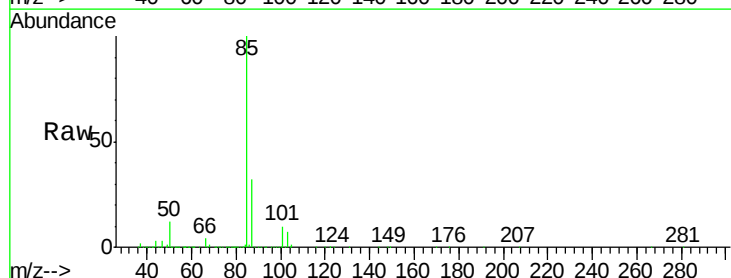
Acq: 06 Aug 2020 10:08

Tgt Ion: 85 Resp: 170733

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

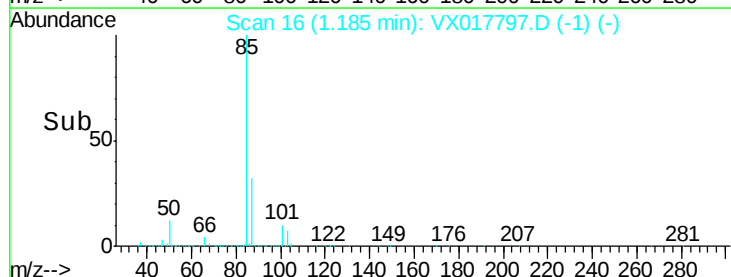
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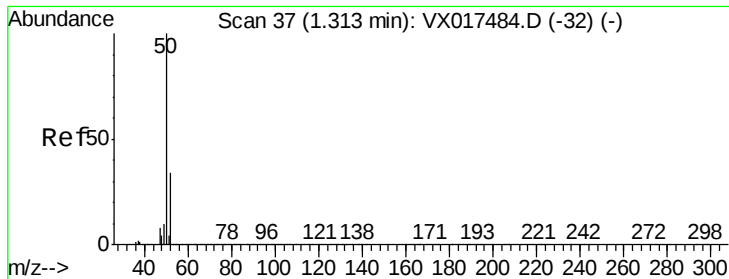
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1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.746 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 206786

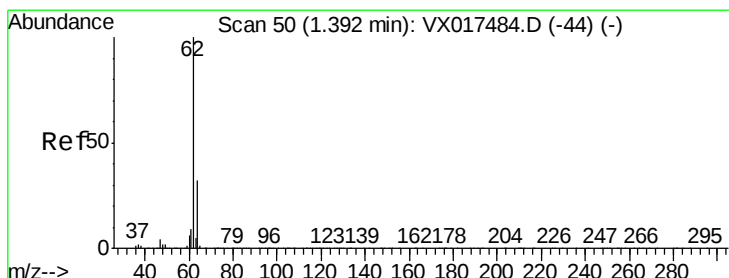
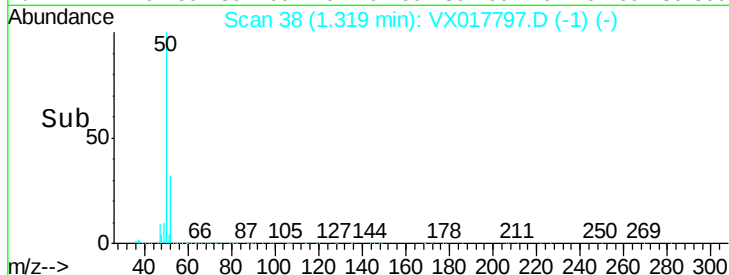
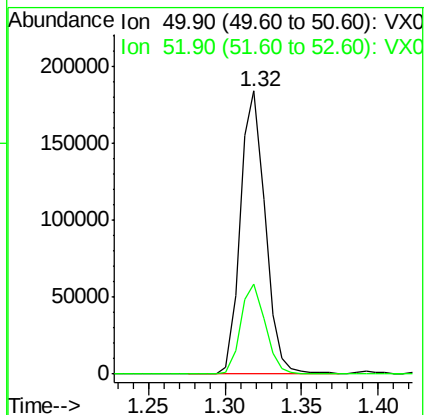
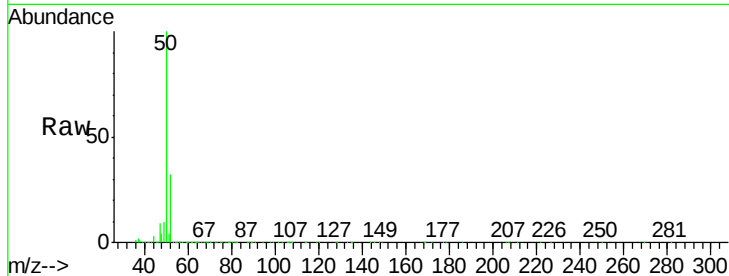
Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.473 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017797.D

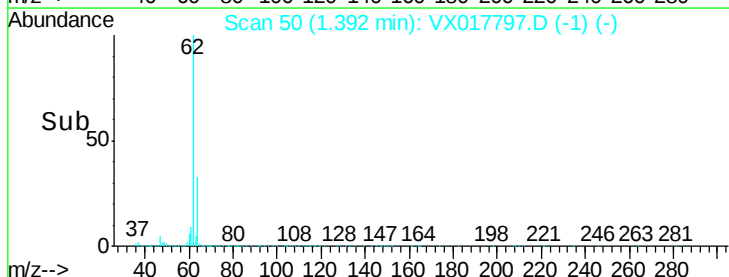
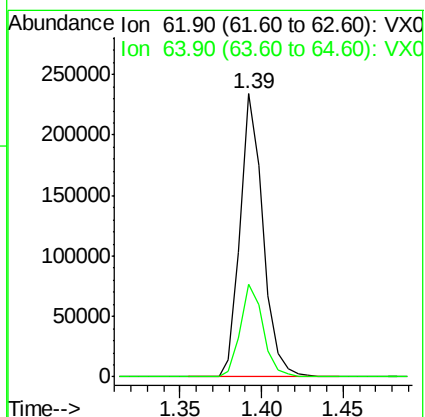
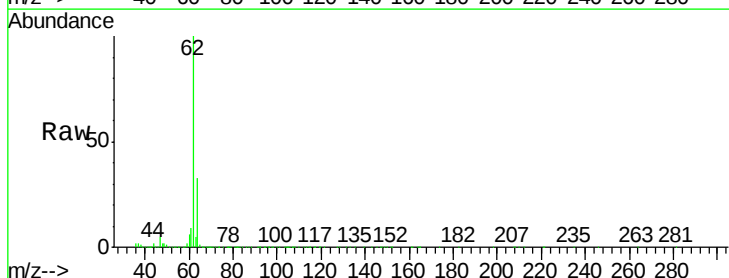
Acq: 06 Aug 2020 10:08

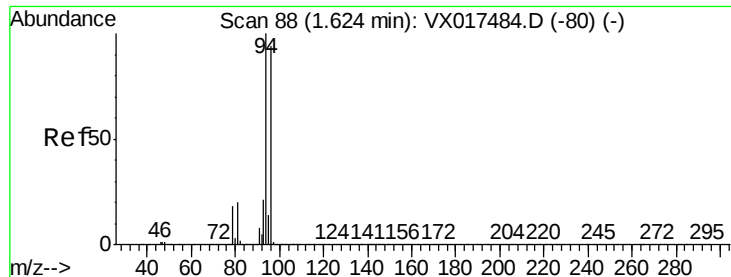
Tgt Ion: 62 Resp: 229155

Ion Ratio Lower Upper

62 100

64 32.8 25.2 37.8





#5

Bromomethane

Concen: 54.276 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 143159

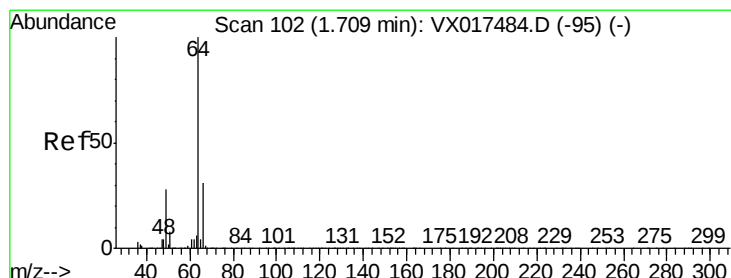
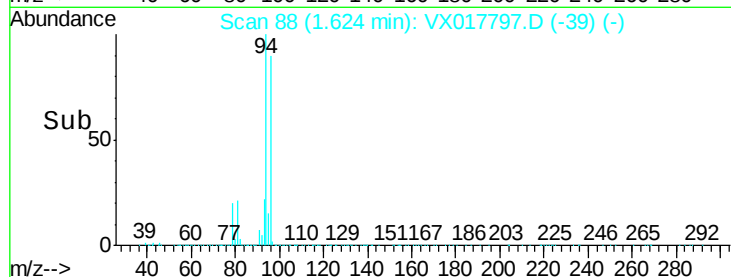
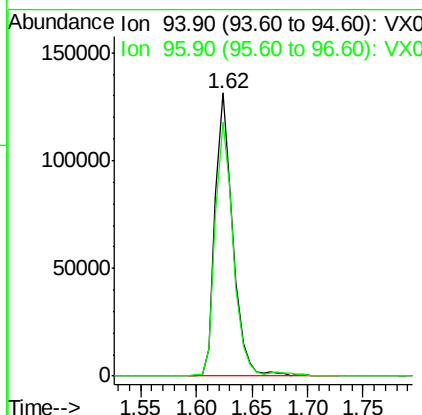
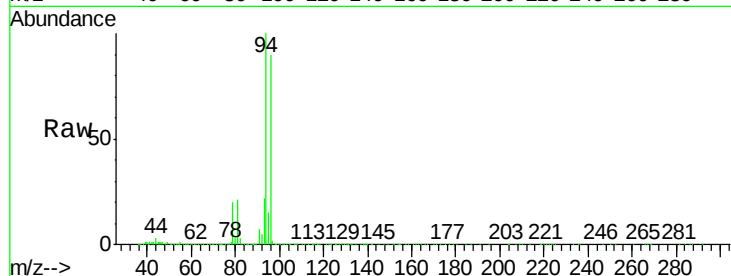
Ion Ratio Lower Upper

94 100

96 89.8 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 53.984 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017797.D

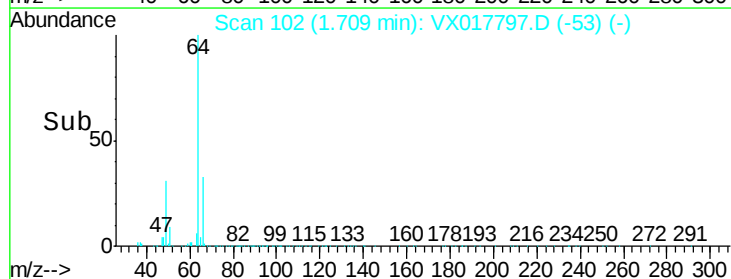
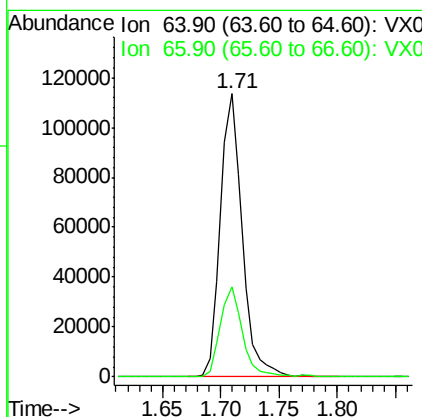
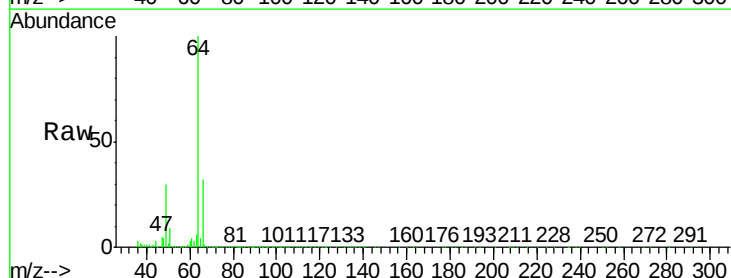
Acq: 06 Aug 2020 10:08

Tgt Ion: 64 Resp: 146620

Ion Ratio Lower Upper

64 100

66 31.6 24.9 37.3





#7

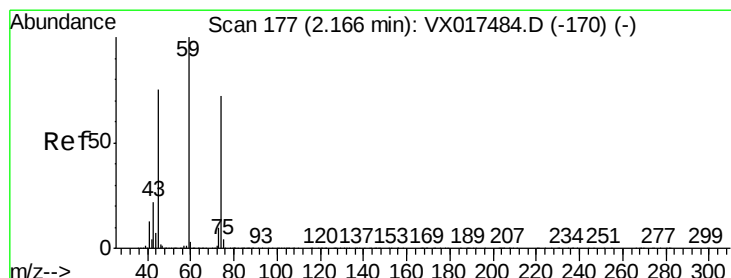
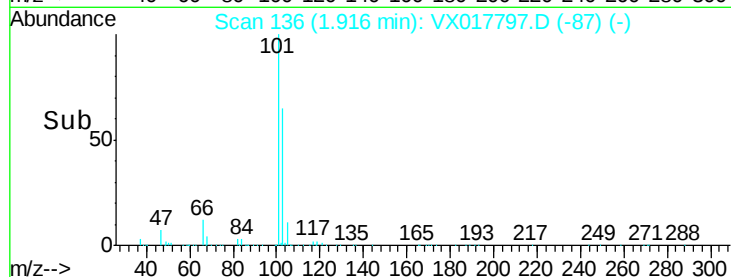
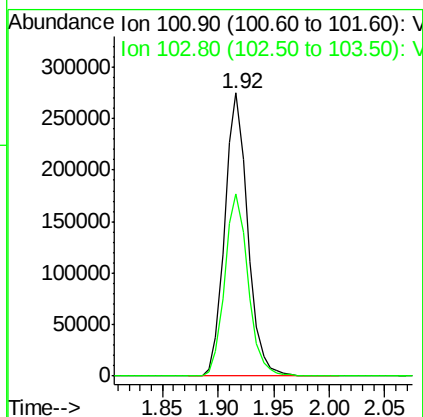
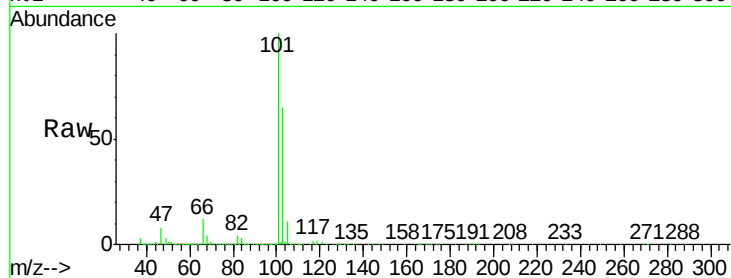
Trichlorofluoromethane
Concen: 50.713 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.8	77.8

Manual Integrations
APPROVED

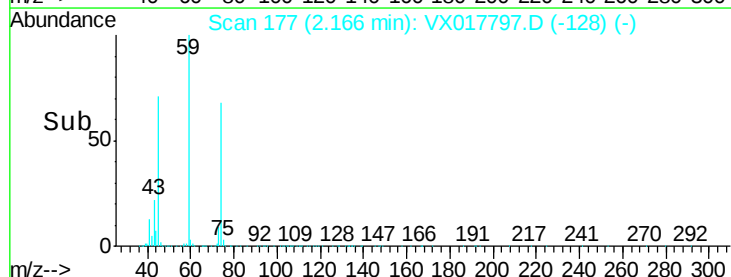
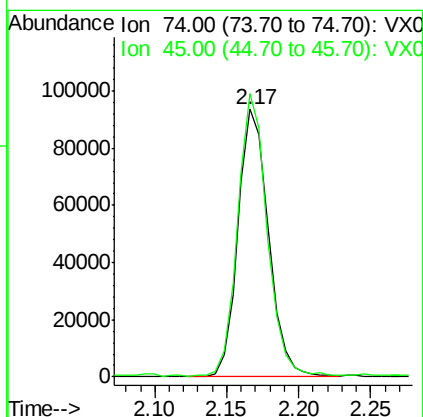
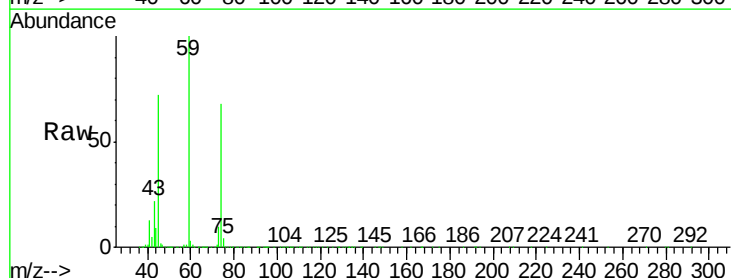
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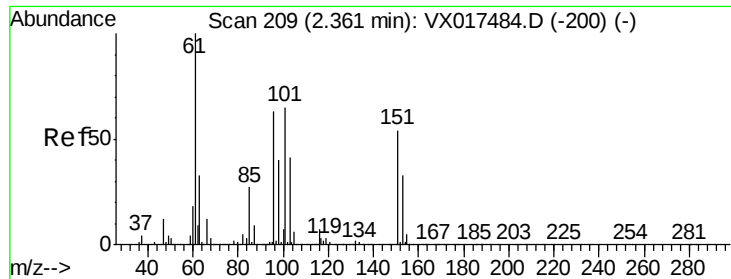


#8

Diethyl Ether
Concen: 54.774 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	50.8	152.5





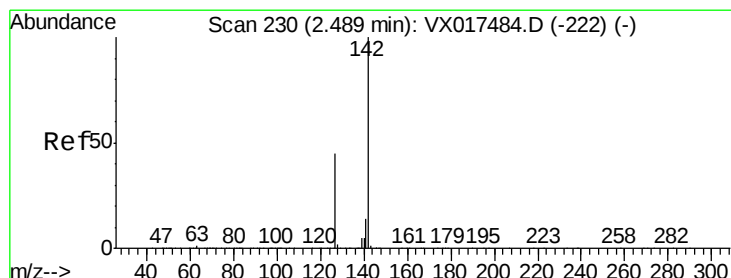
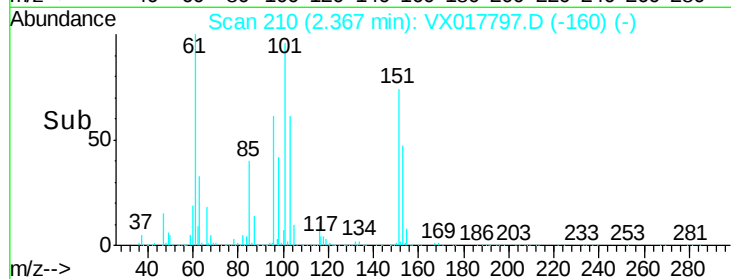
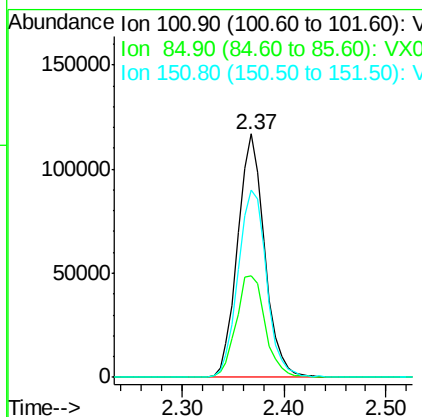
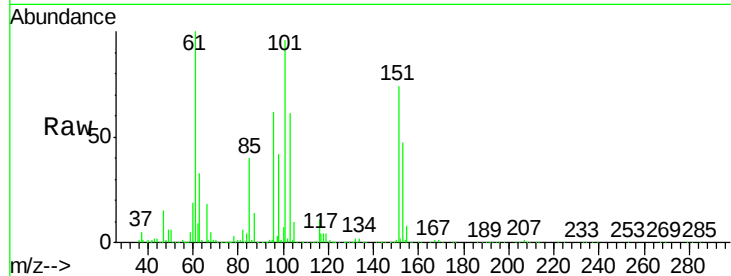
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.206 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX017797.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	213685		
85	44.6	34.8	52.2	
151	81.3	68.0	102.0	

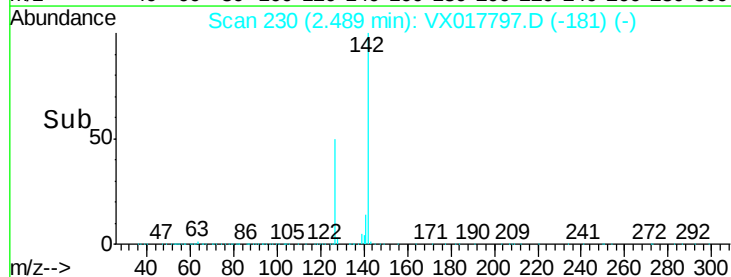
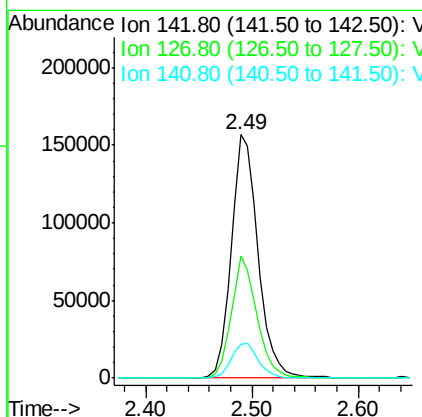
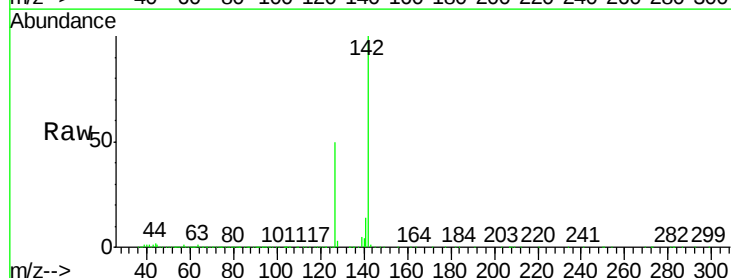
Manual Integrations
APPROVED

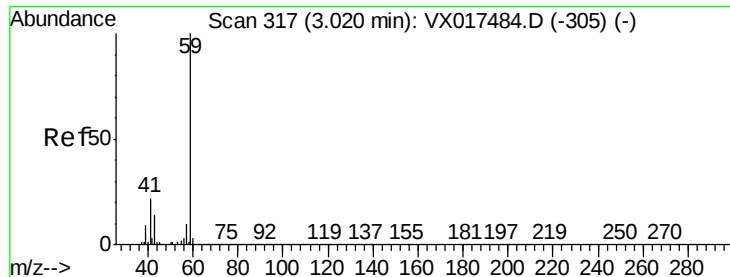
MMDadoda
8/7/2020 4:32:32 PM



#10
Methyl Iodide
Concen: 50.742 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	276296		
127	48.3	35.9	53.9	
141	14.6	11.4	17.0	





#11

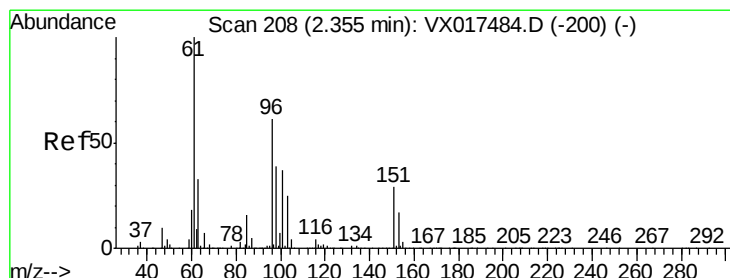
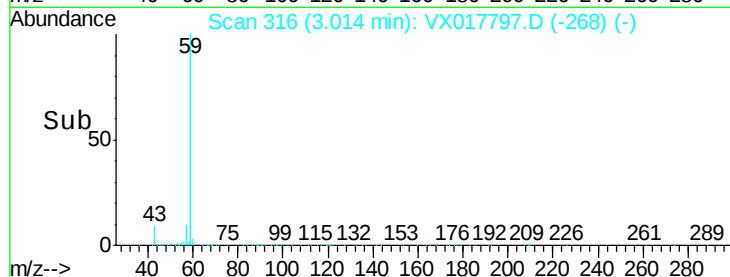
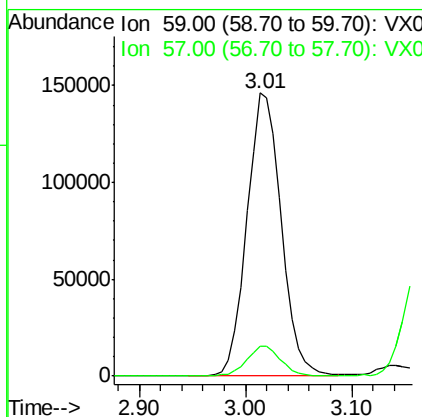
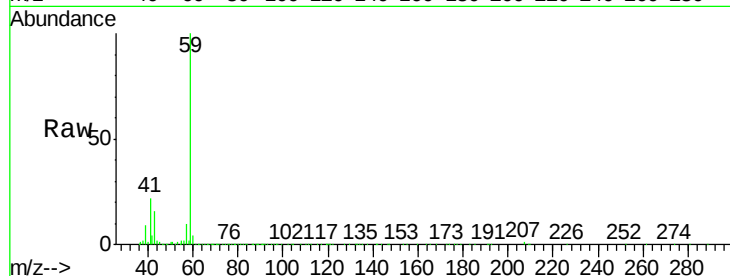
Tert butyl alcohol
Concen: 311.226 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	330165		
57	57	10.3		8.6	12.8

Manual Integrations
APPROVED

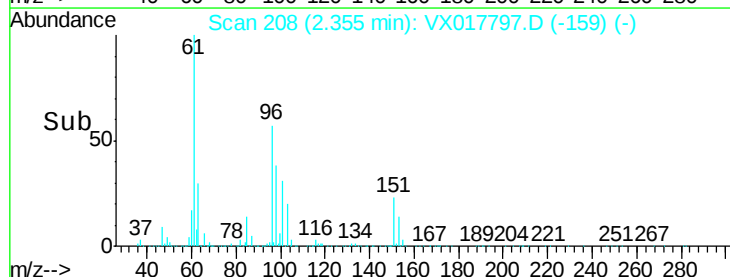
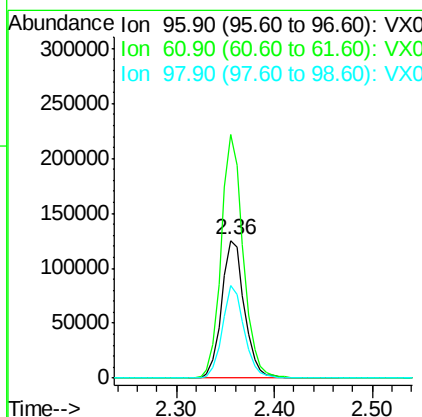
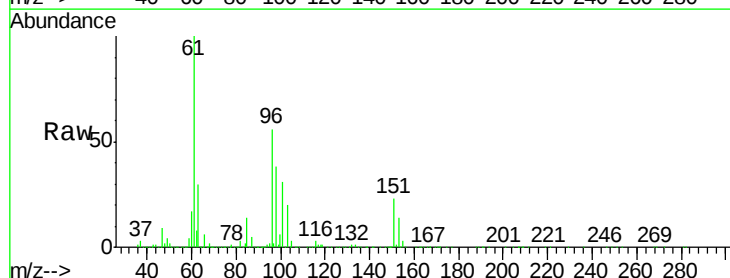
MMDadoda
8/7/2020 4:32:32 PM

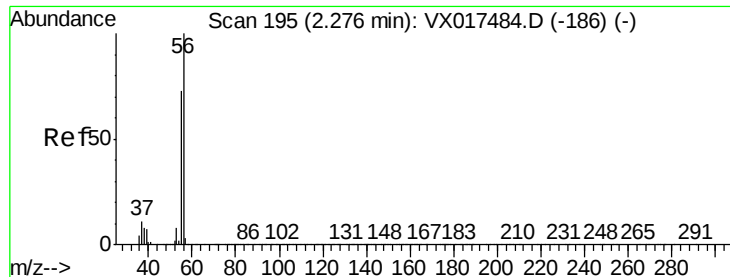


#12

1,1-Dichloroethene
Concen: 49.822 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	201648		
61	61	177.0		134.0	201.0
98	98	67.4		51.0	76.4





#13

Acrolein

Concen: 267.235 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 216682

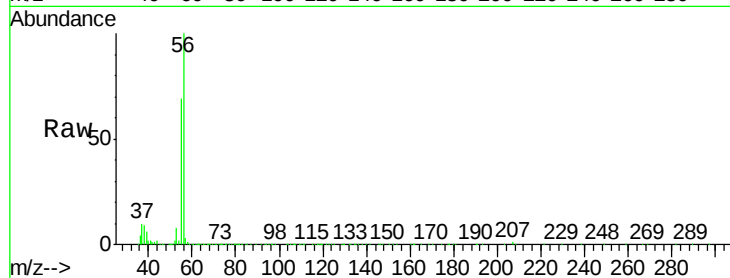
Ion Ratio Lower Upper

56 100

55 72.1 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

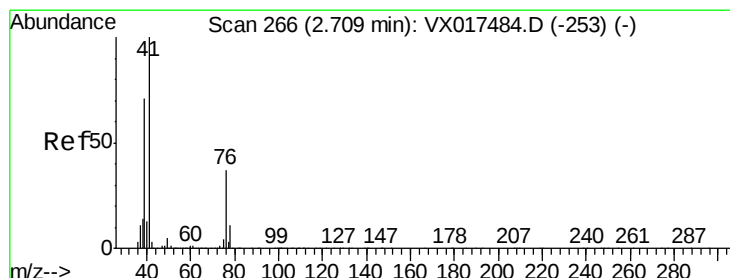
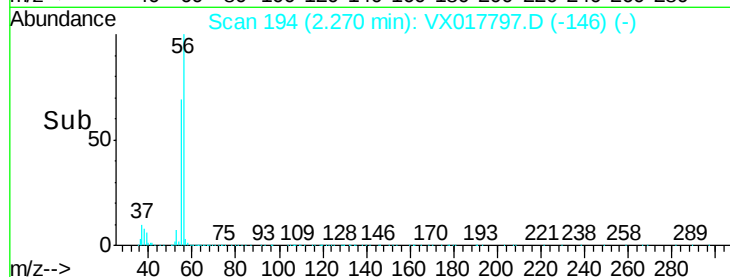
150000

100000

50000

0

Time--> 2.15 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 53.008 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

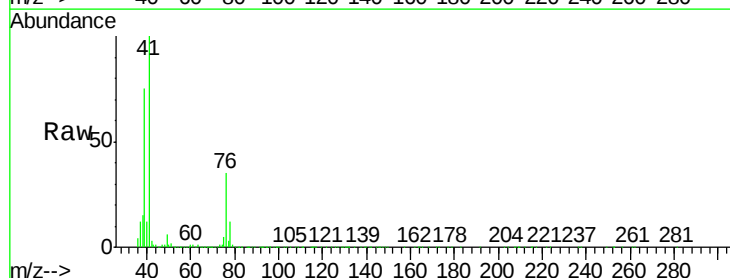
Tgt Ion: 41 Resp: 391749

Ion Ratio Lower Upper

41 100

39 69.9 51.9 77.9

76 31.6 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

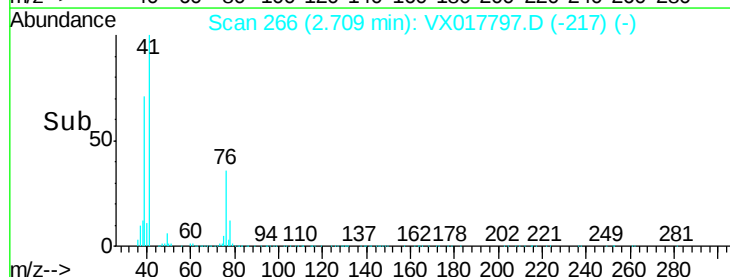
150000

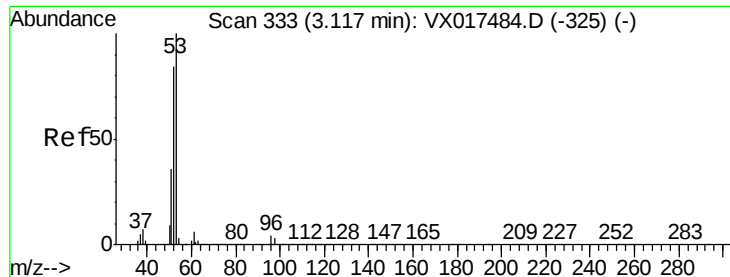
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 292.213 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

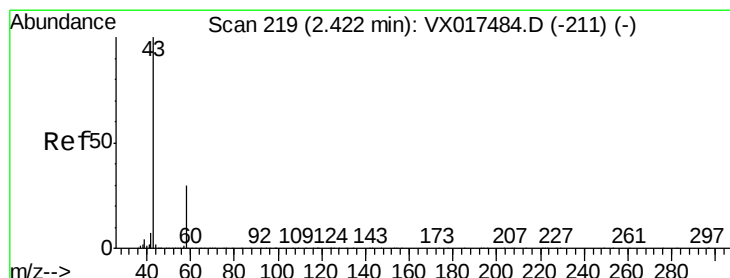
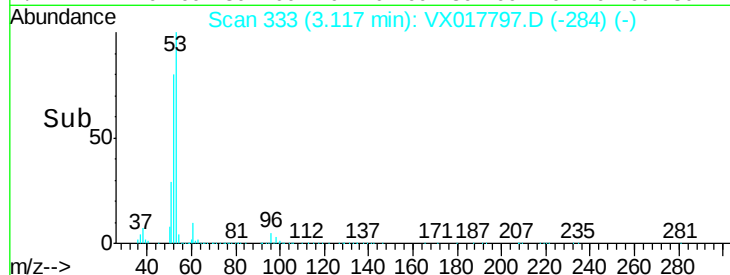
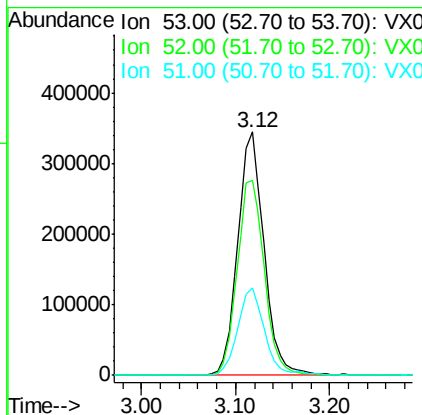
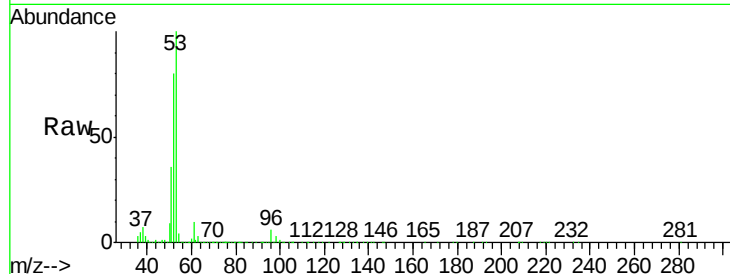
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	669553
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.6	99.8
51	36.8	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 268.774 ug/l

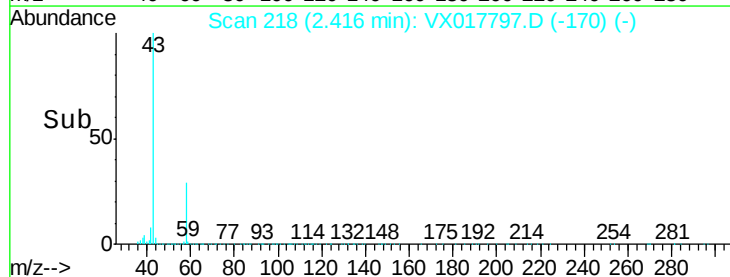
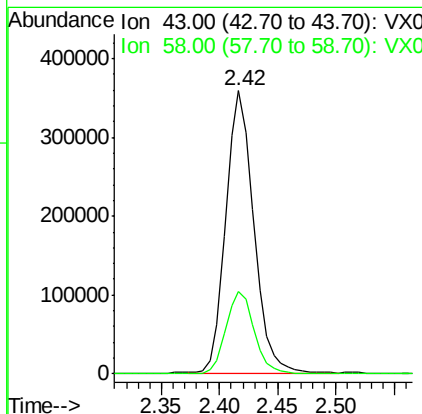
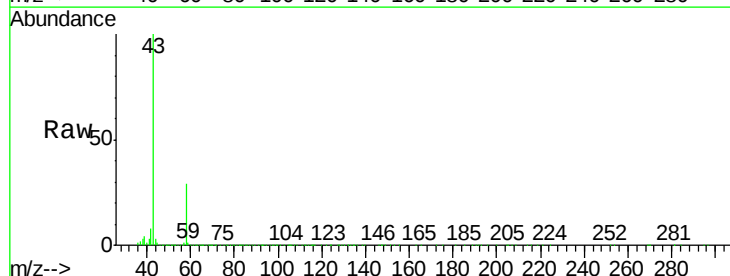
RT: 2.42 min Scan# 218

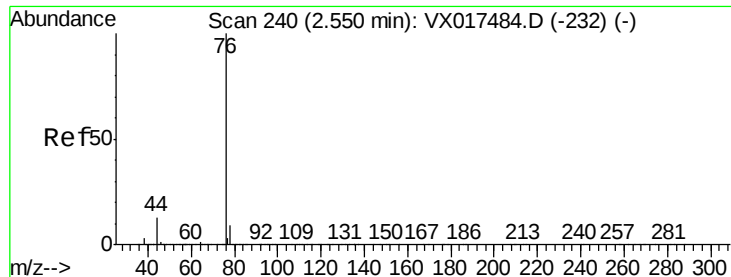
Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	43	Resp:	595448
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.2	36.4





#17

Carbon Disulfide

Concen: 43.328 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 533027

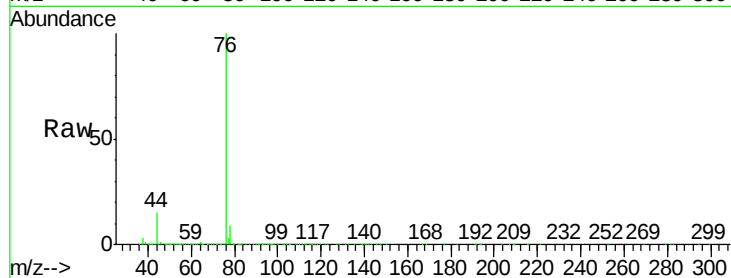
Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

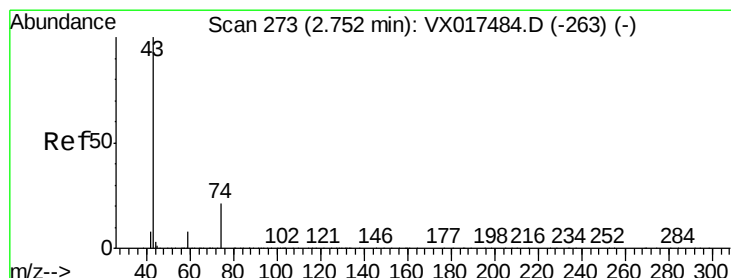
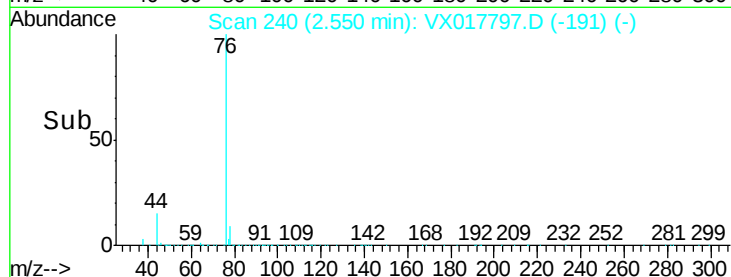
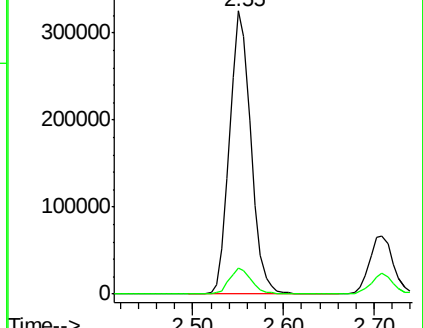
Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 65.221 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017797.D

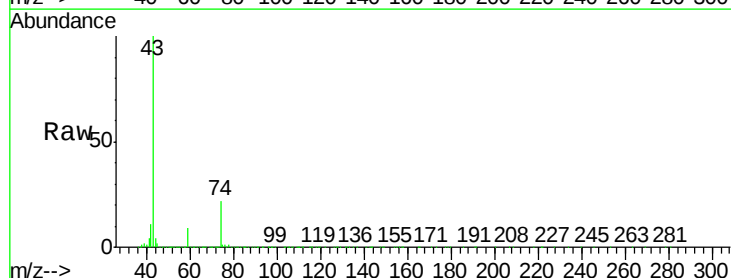
Acq: 06 Aug 2020 10:08

Tgt Ion: 43 Resp: 340298

Ion Ratio Lower Upper

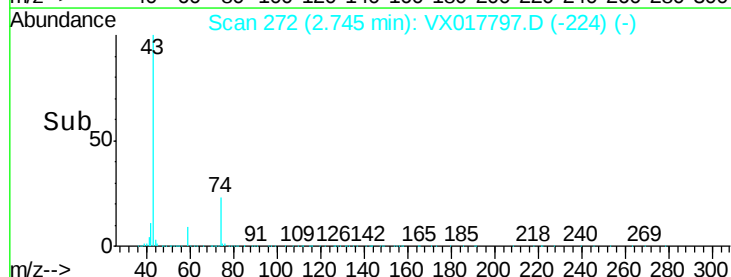
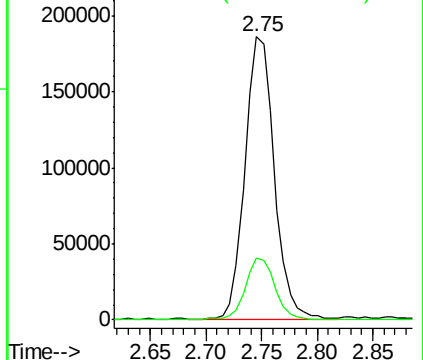
43 100

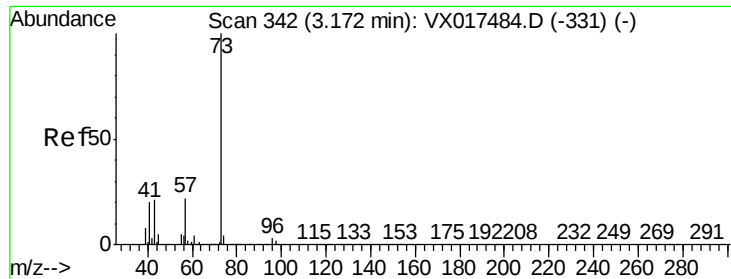
74 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





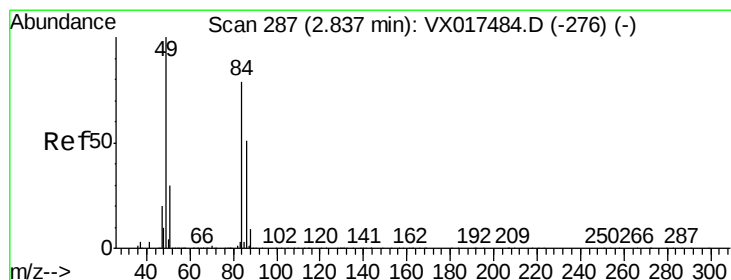
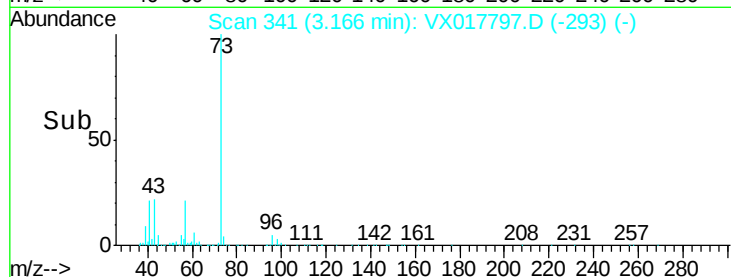
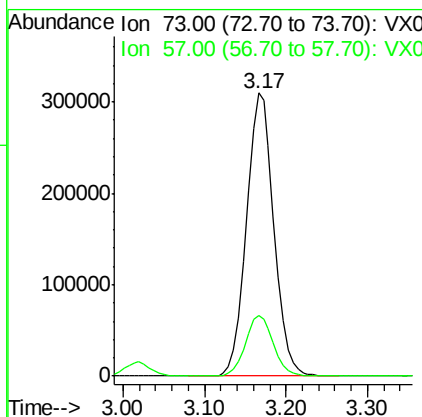
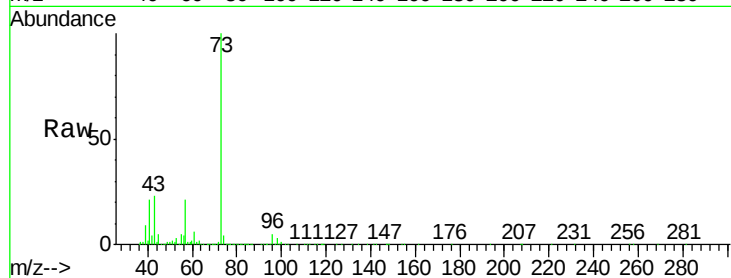
#19
Methyl tert-butyl Ether
Concen: 51.442 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.4

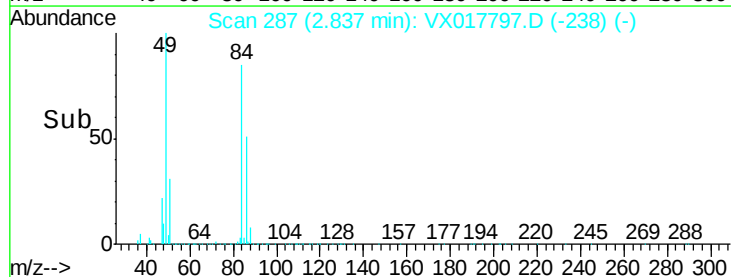
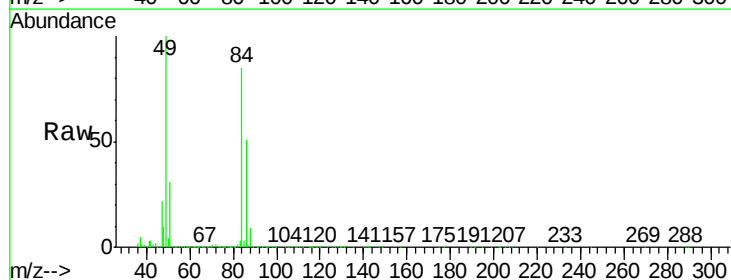
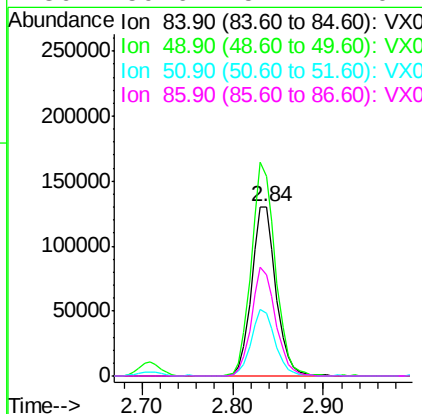
Manual Integrations
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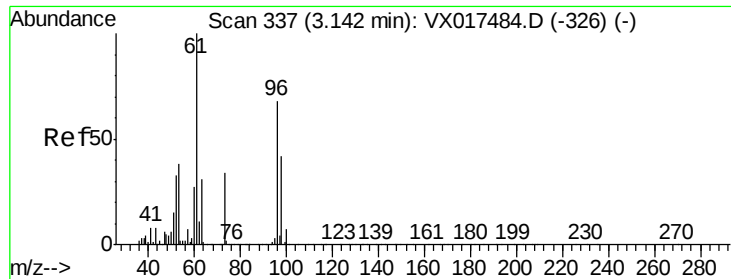
MMDadoda
8/7/2020 4:32:32 PM



#20
Methylene Chloride
Concen: 58.054 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	100.3	150.5
51	36.4	30.5	45.7
86	59.6	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.706 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

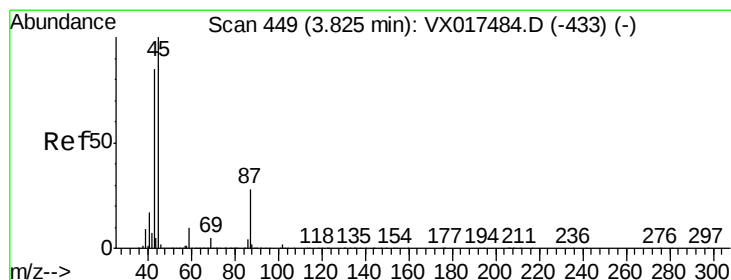
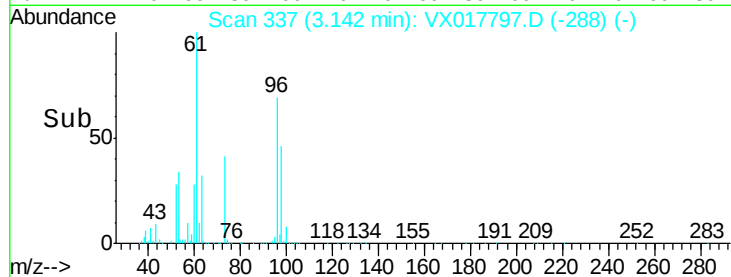
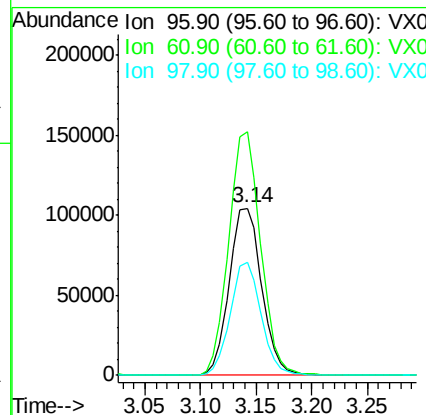
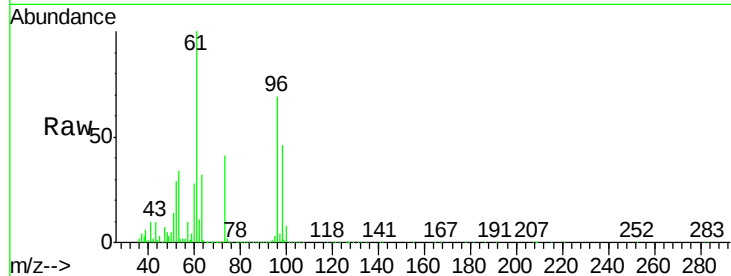
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	211183
Ion	Ratio	Lower	Upper
96	100		
61	145.5	113.0	169.4
98	67.1	51.8	77.8

Manual Integrations
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8/7/2020 4:32:32 PM



#22

Diisopropyl ether

Concen: 46.037 ug/l

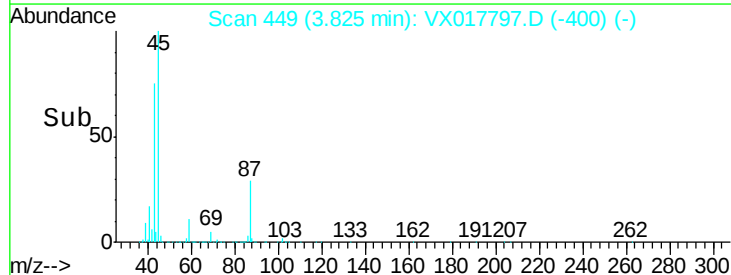
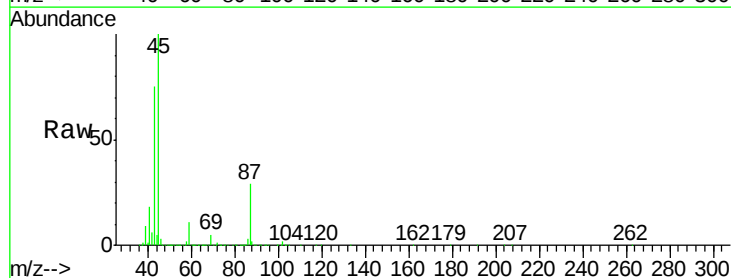
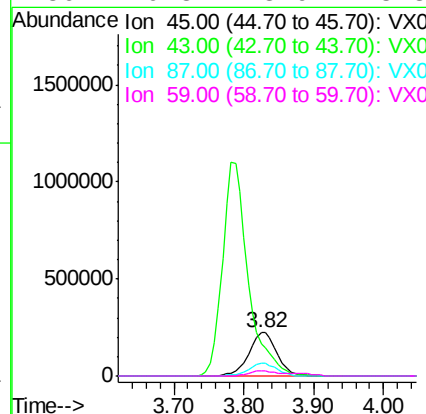
RT: 3.82 min Scan# 449

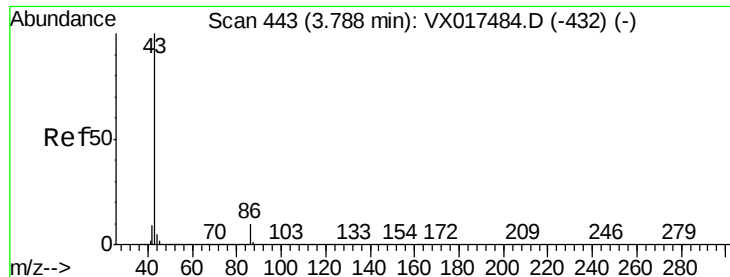
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	45	Resp:	622107
Ion	Ratio	Lower	Upper
45	100		
43	74.7	52.0	78.0
87	29.0	22.2	33.4
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 234.404 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2824251

Ion Ratio Lower Upper

43 100

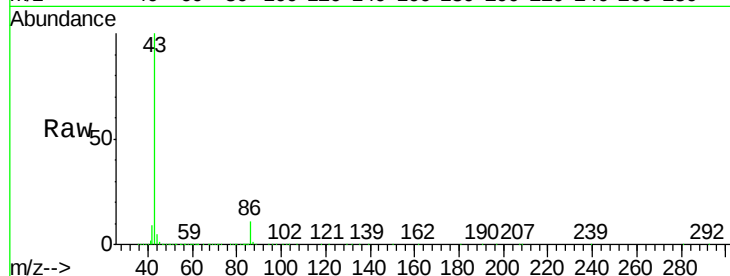
86 10.6 8.2 12.4

Manual Integrations

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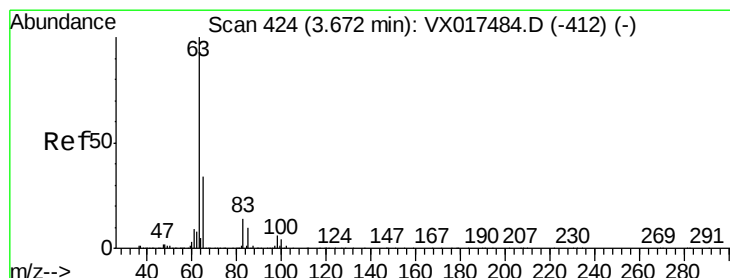
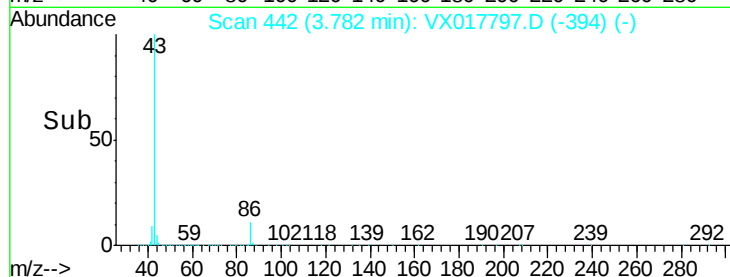
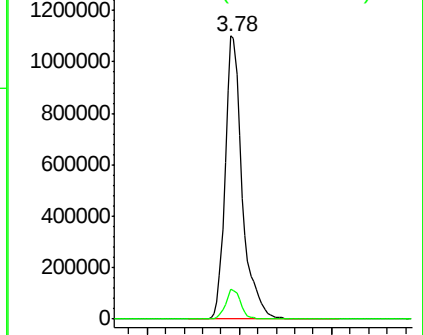
MMDadoda

8/7/2020 4:32:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.359 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

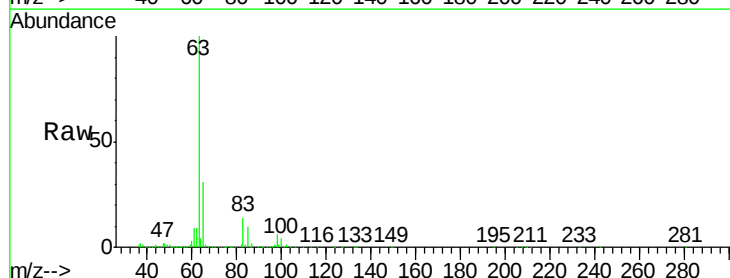
Tgt Ion: 63 Resp: 360875

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

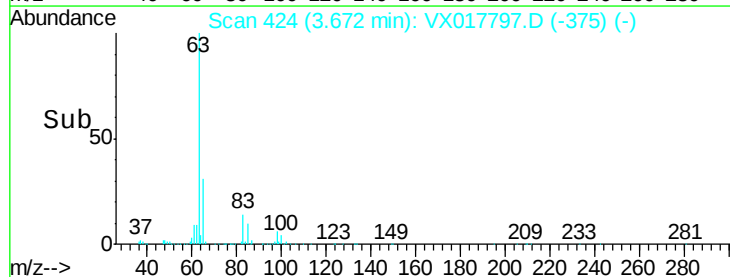
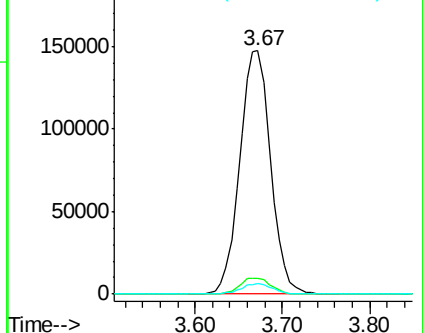
100 4.4 1.9 5.7

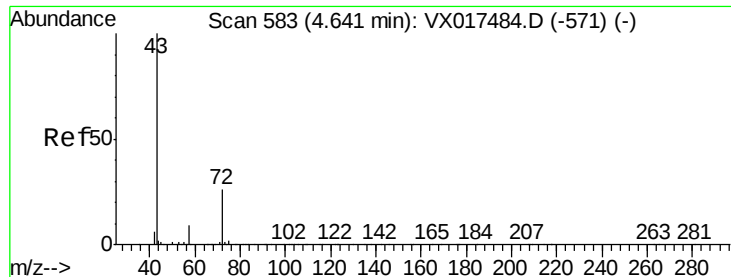


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 263.217 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 828406

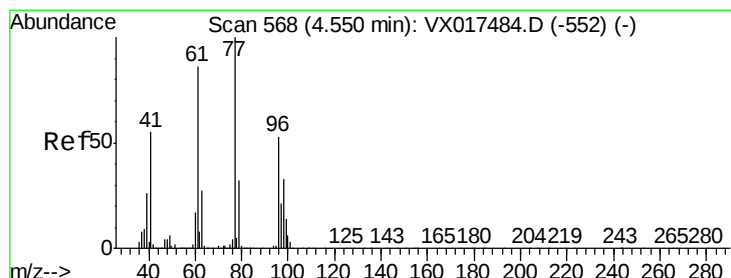
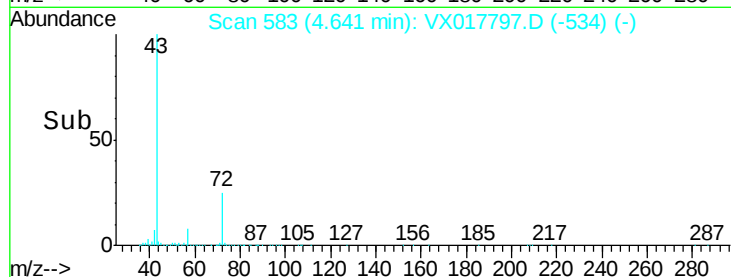
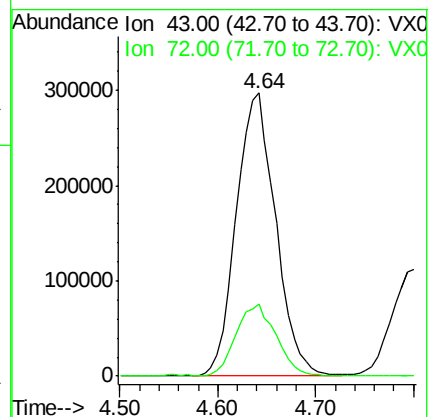
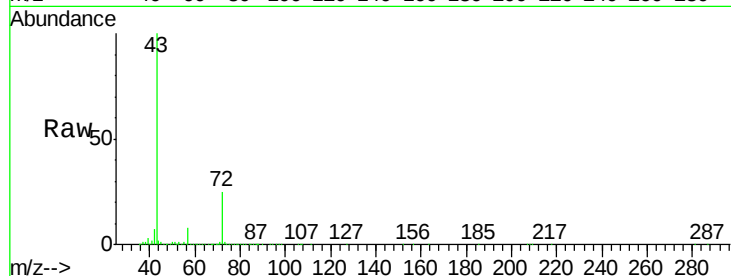
Ion Ratio Lower Upper

43 100

72 25.3 19.0 28.4

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 53.958 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017797.D

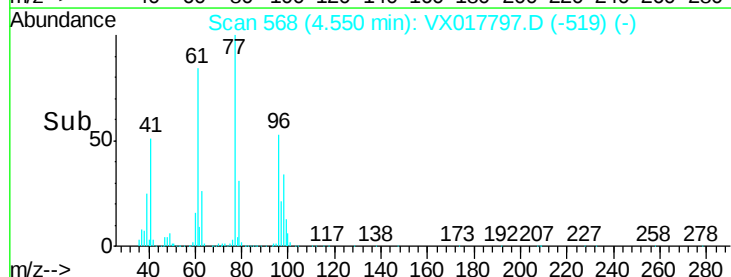
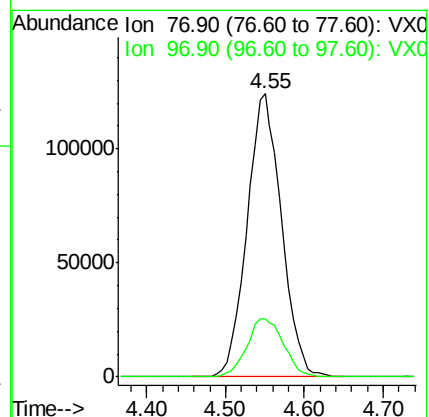
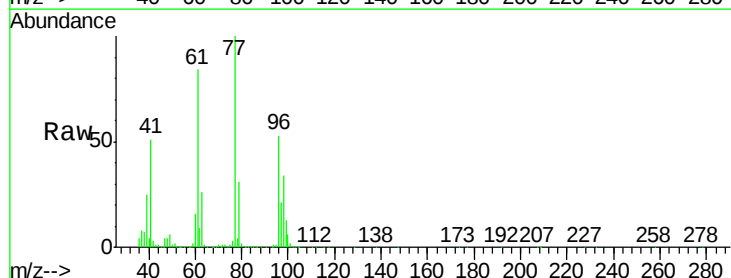
Acq: 06 Aug 2020 10:08

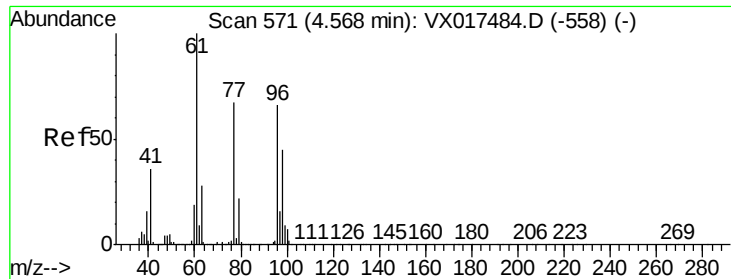
Tgt Ion: 77 Resp: 375981

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

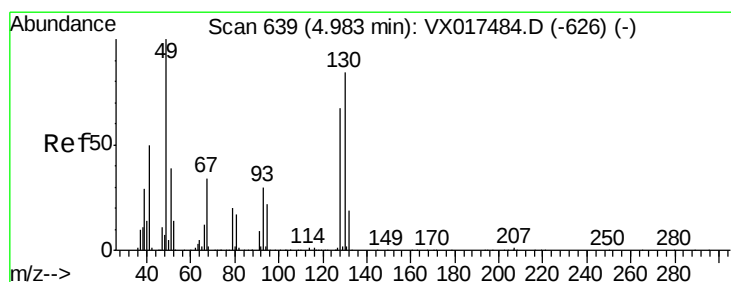
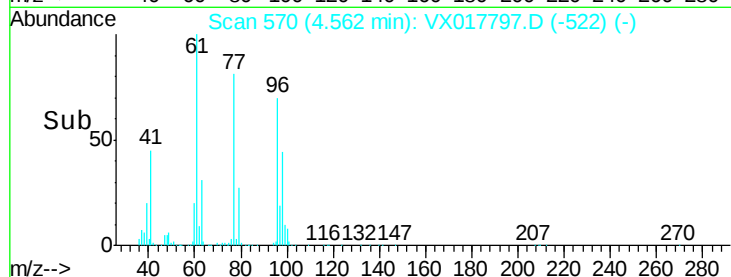
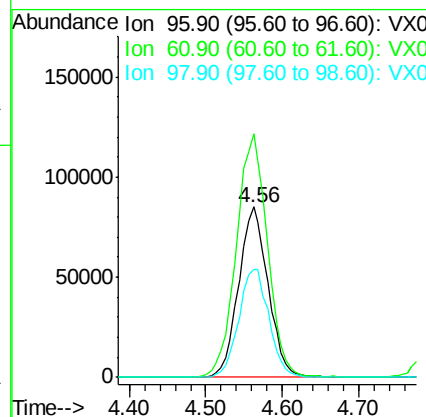
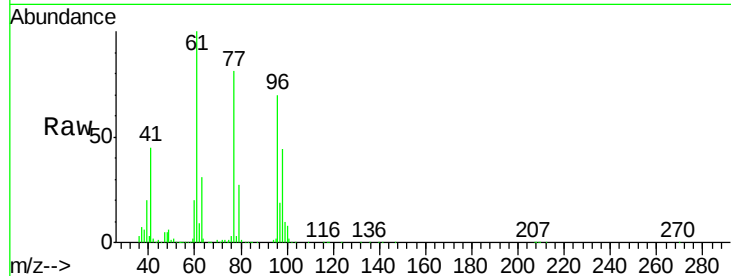
cis-1,2-Dichloroethene
Concen: 48.308 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	227505		
61	150.3	0.0	301.2	
98	65.1	0.0	130.0	

Manual Integrations
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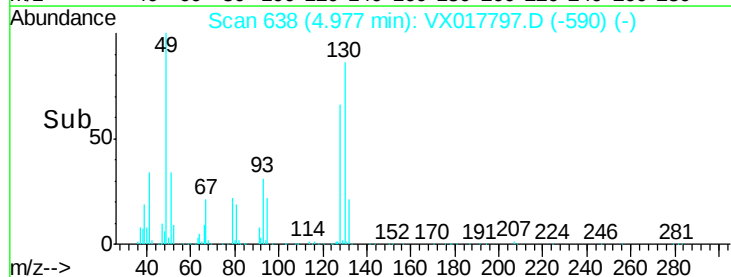
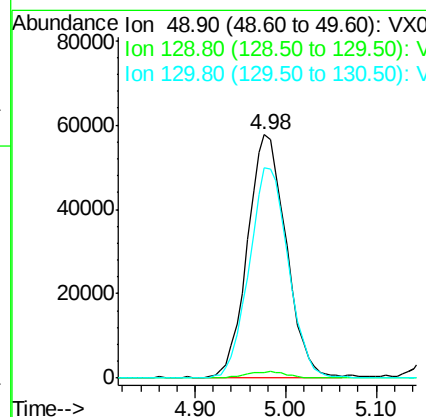
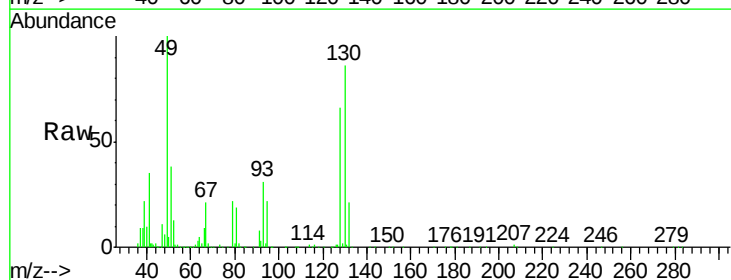
MMDadoda
8/7/2020 4:32:32 PM

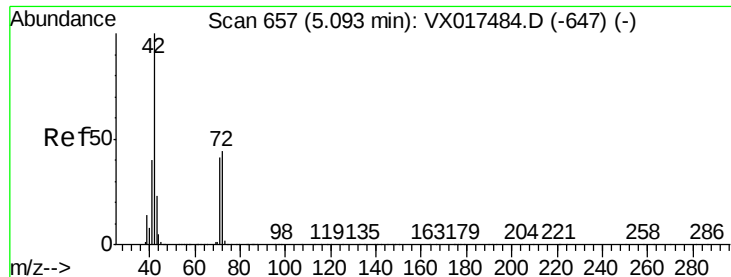


#28

Bromochloromethane
Concen: 48.401 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170738		
129	2.7	0.0	4.6	
130	87.5	66.7	100.1	





#29

Tetrahydrofuran

Concen: 265.160 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

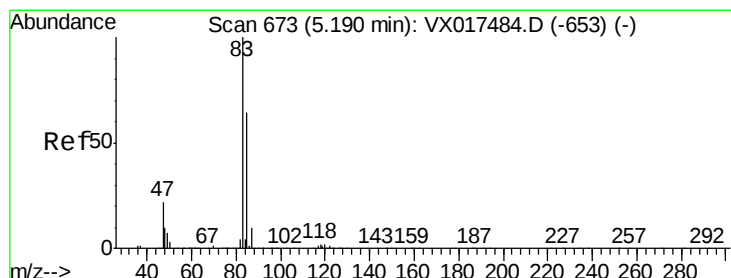
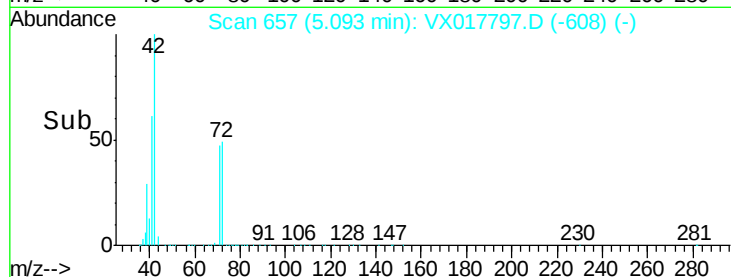
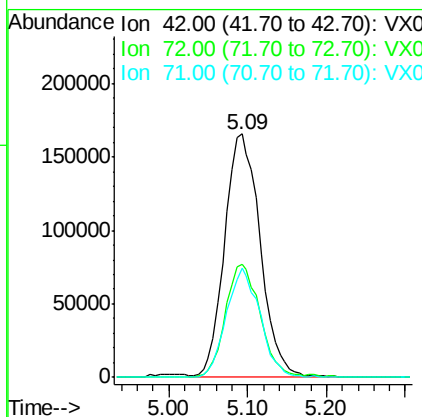
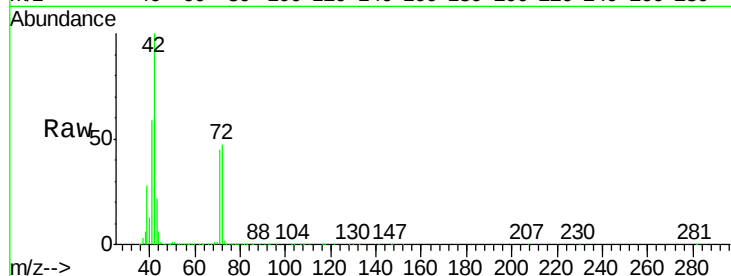
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	516923
Ion Ratio		Lower	Upper
42	100		
72	46.2	35.5	53.3
71	43.1	33.0	49.4

Manual Integrations
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#30

Chloroform

Concen: 51.896 ug/l

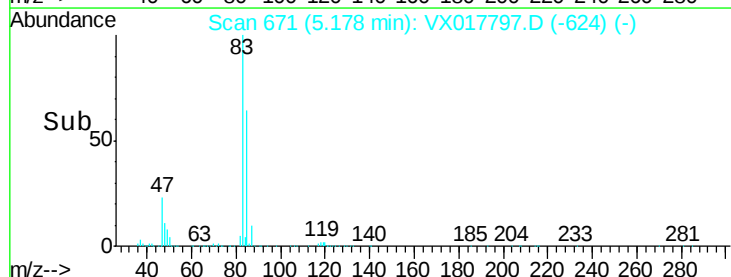
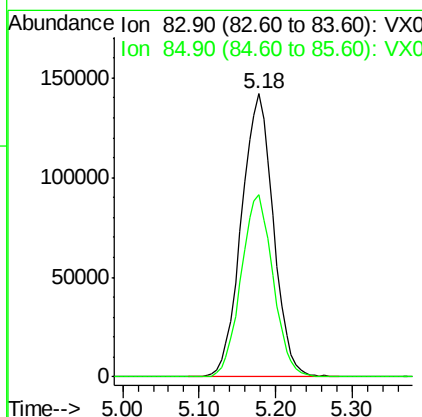
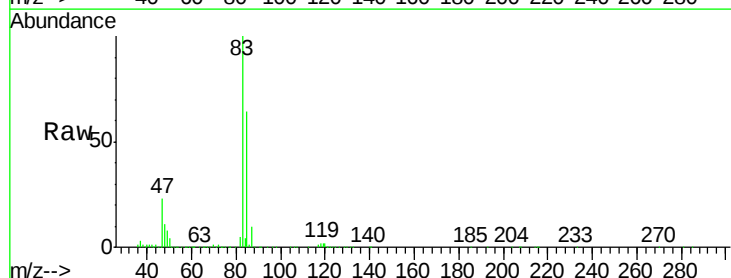
RT: 5.18 min Scan# 671

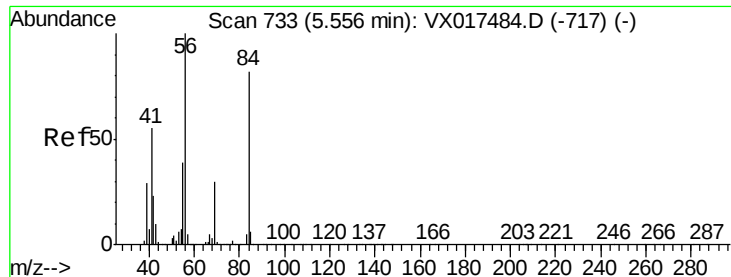
Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	83	Resp:	412778
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.4	77.2





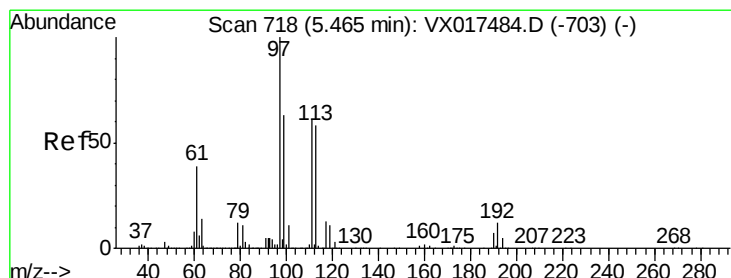
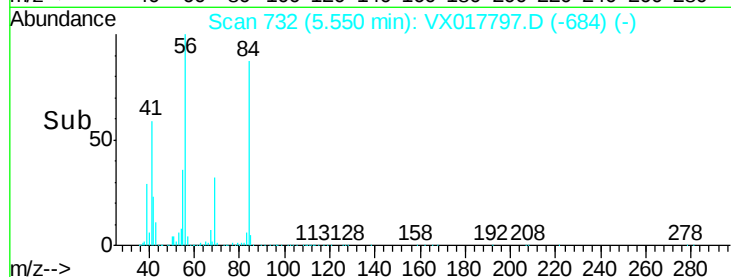
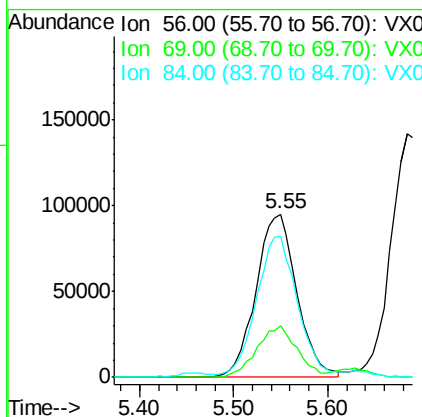
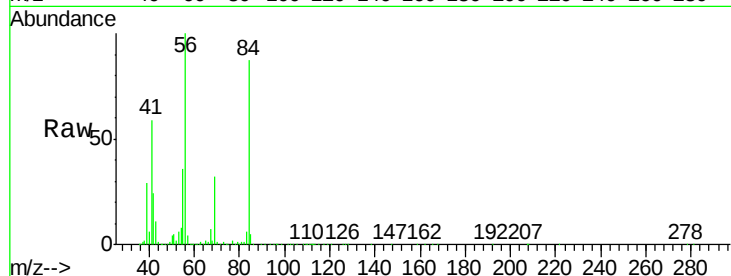
#31
Cyclohexane
Concen: 46.613 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.4
84	84.4	69.0	103.6

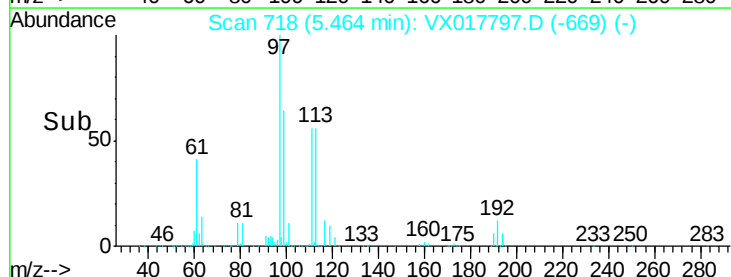
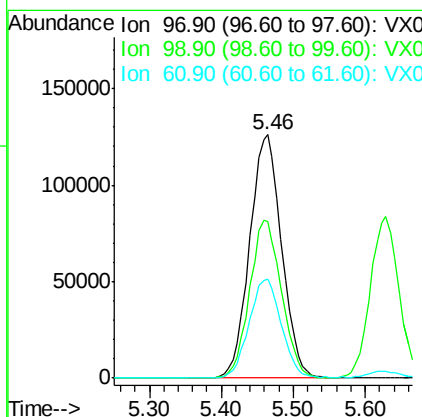
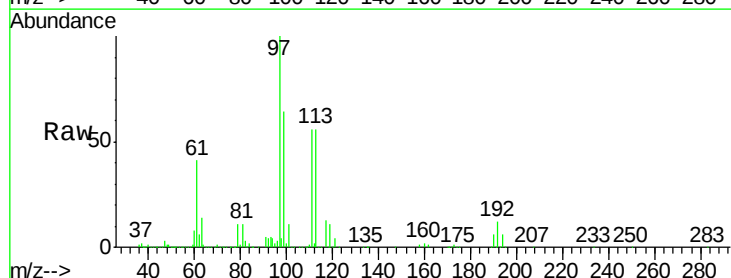
Manual Integrations
APPROVED

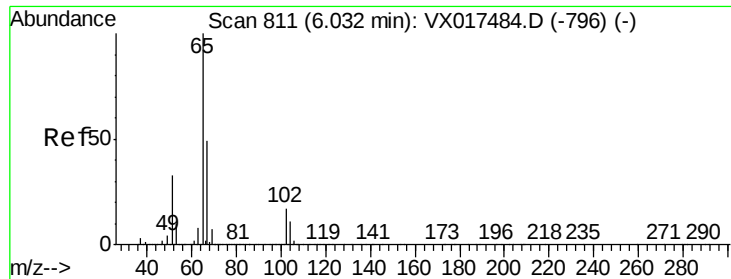
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#32
1,1,1-Trichloroethane
Concen: 51.770 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	40.9	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 50.850 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 255951

Ion Ratio Lower Upper

65 100

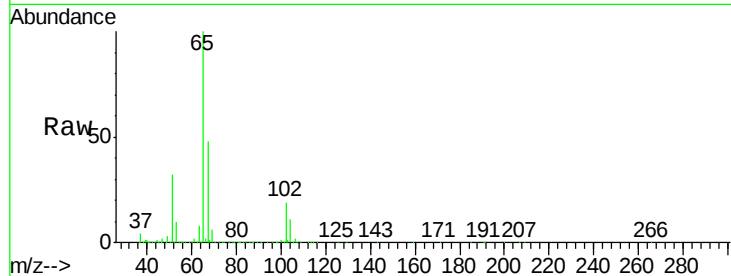
67 49.6 0.0 102.8

Manual Integrations

APPROVED

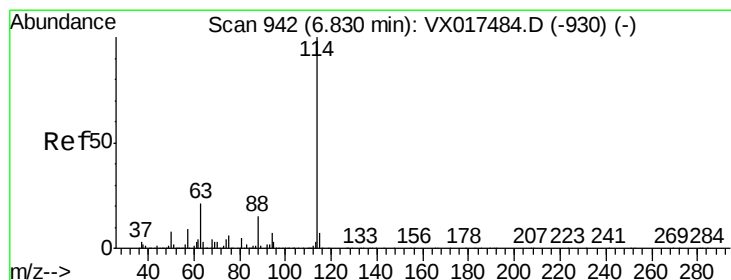
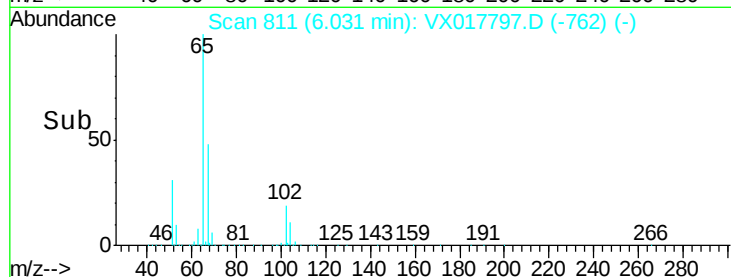
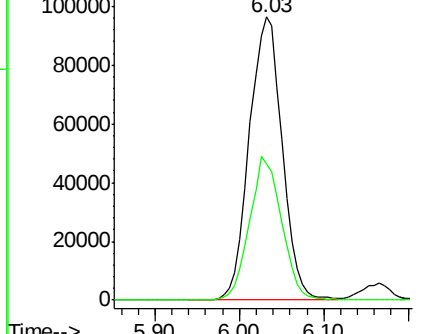
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

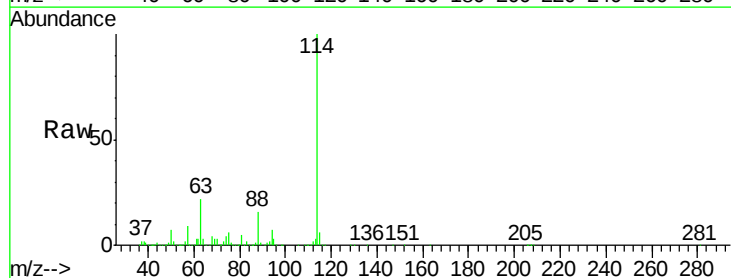
Tgt Ion: 114 Resp: 579284

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.6

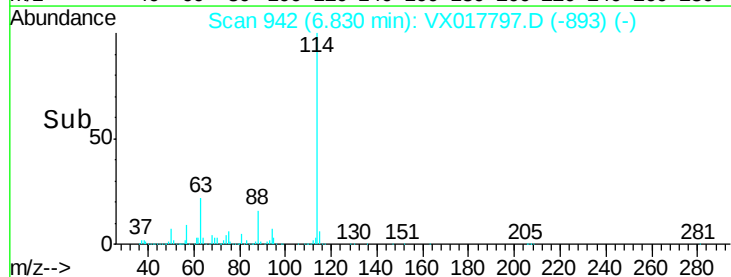
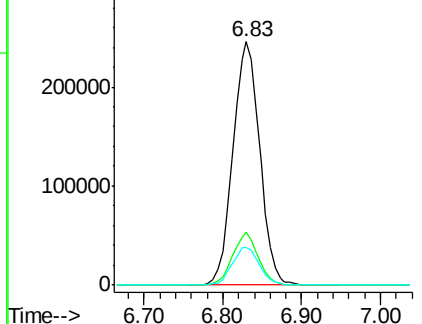
88 15.5 0.0 33.4

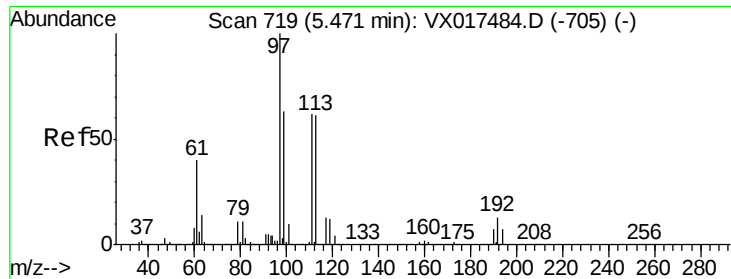


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





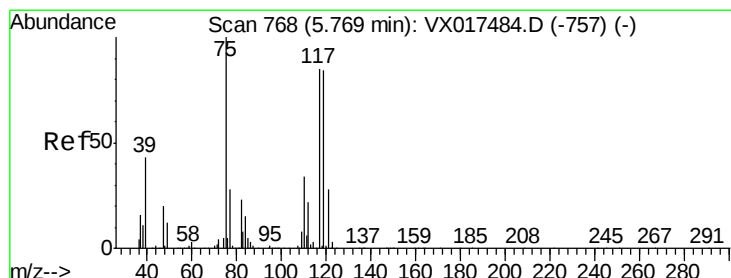
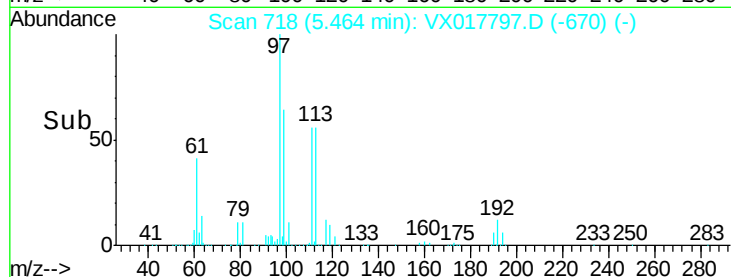
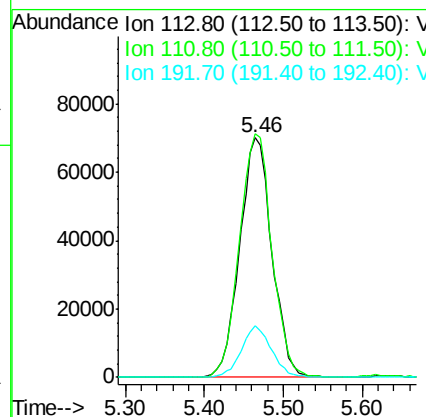
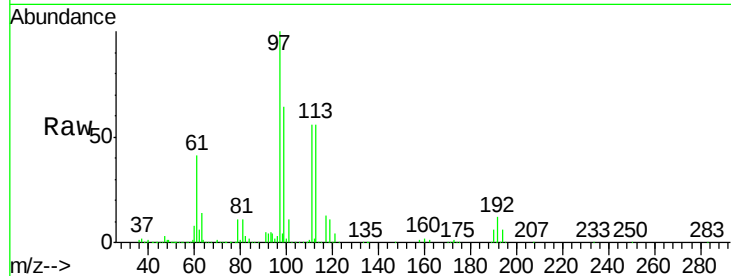
#35
 Dibromofluoromethane
 Concen: 51.312 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	198798		
111	102.8	80.7	121.1	
192	20.2	16.9	25.3	

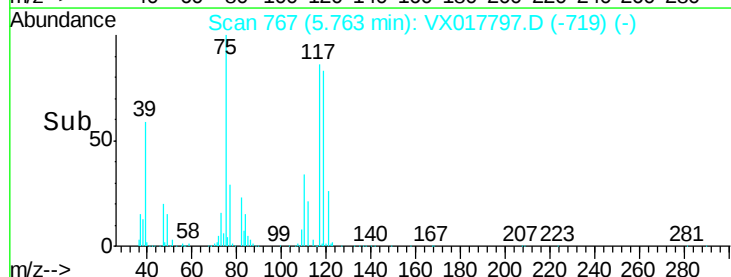
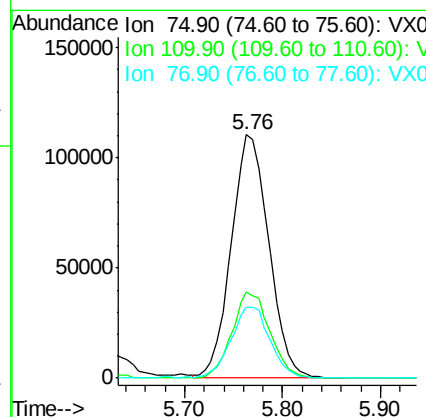
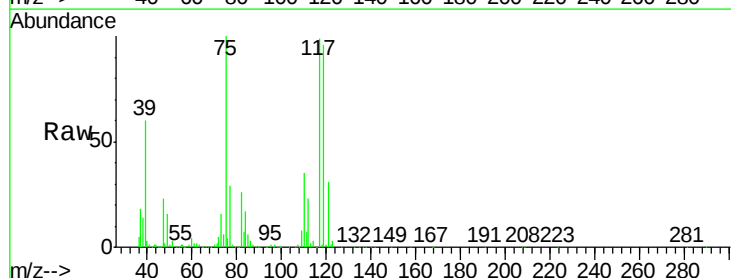
Manual Integrations
 APPROVED

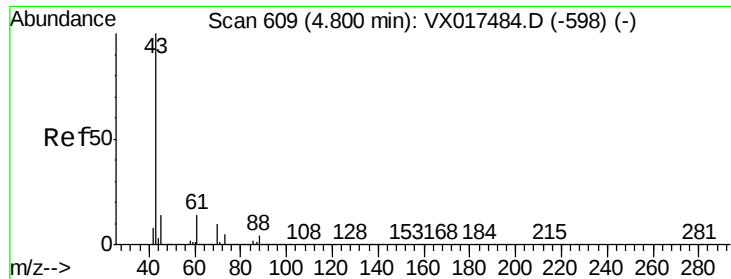
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 52.722 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	292914		
110	35.9	18.1	54.3	
77	30.2	24.6	37.0	





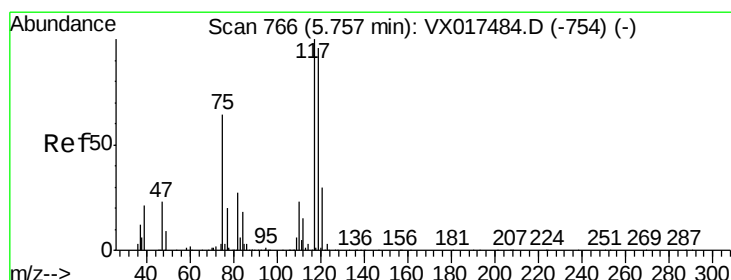
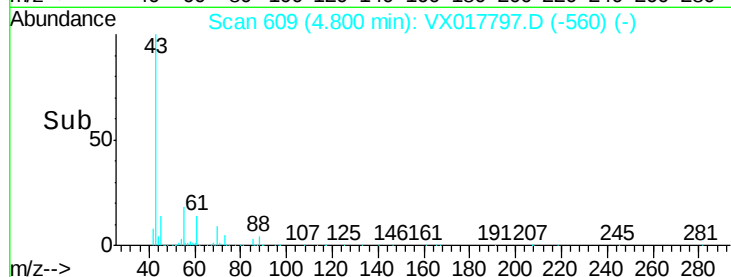
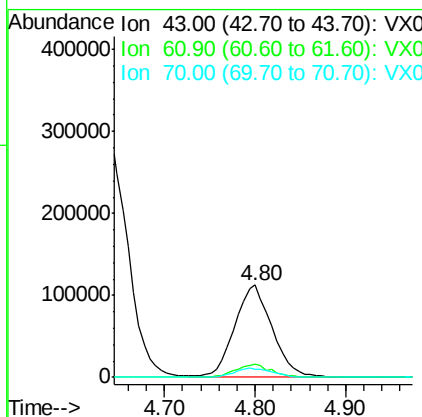
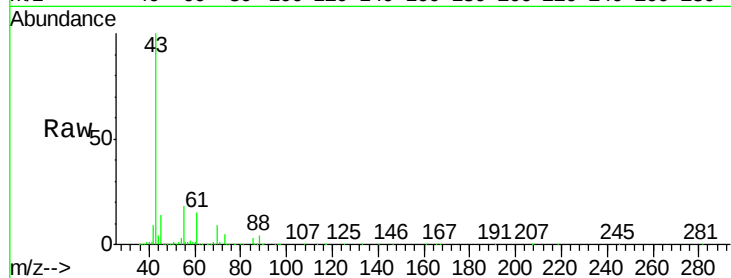
#37
Ethyl Acetate
Concen: 52.445 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.6	8.5	12.7

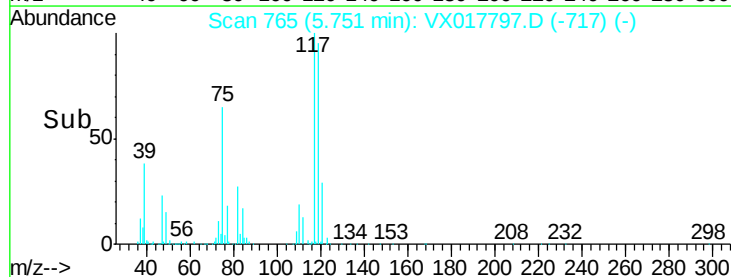
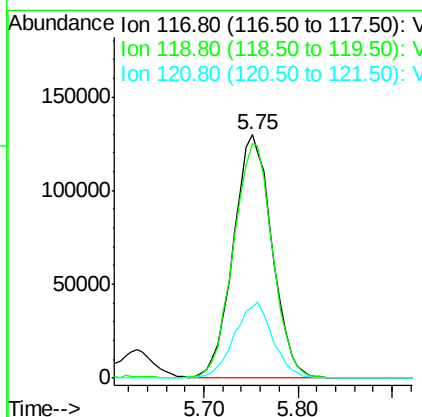
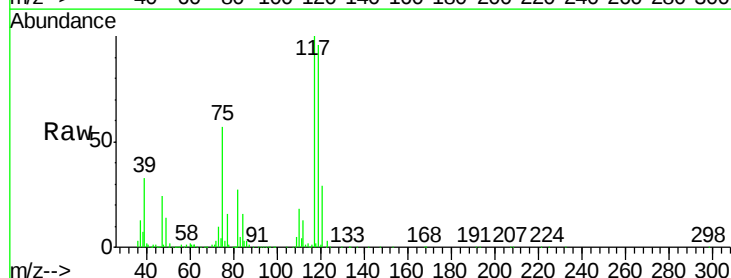
Manual Integrations
APPROVED

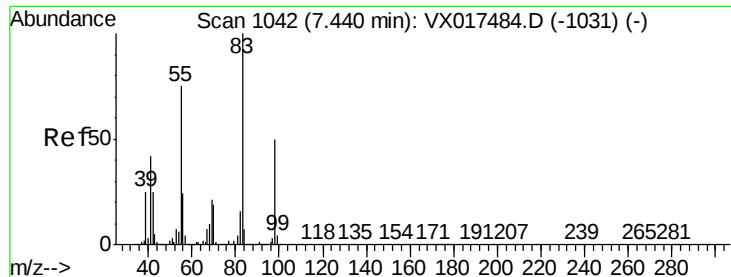
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#38
Carbon Tetrachloride
Concen: 55.082 ug/l
RT: 5.75 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
121	29.3	24.3	36.5





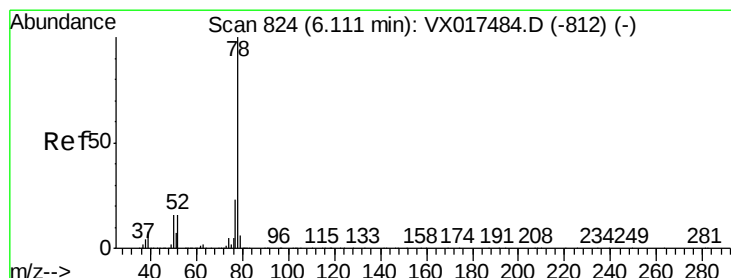
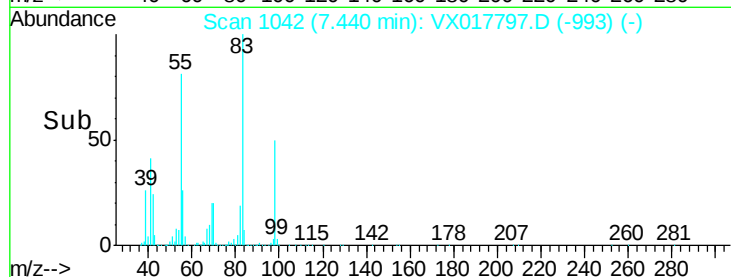
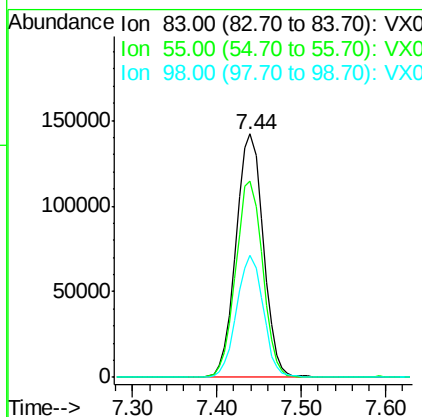
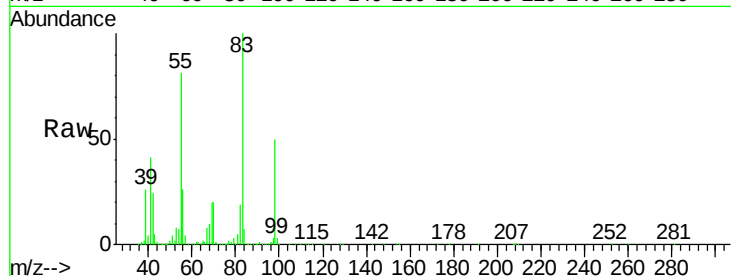
#39
Methvlcvclohexane
Concen: 47.779 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.8	92.8
98	50.2	36.9	55.3

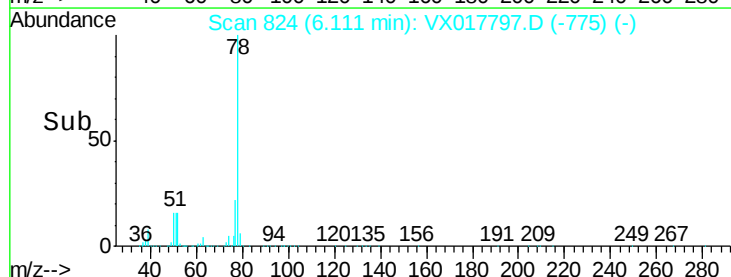
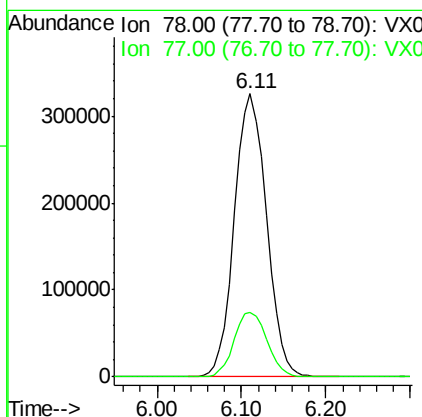
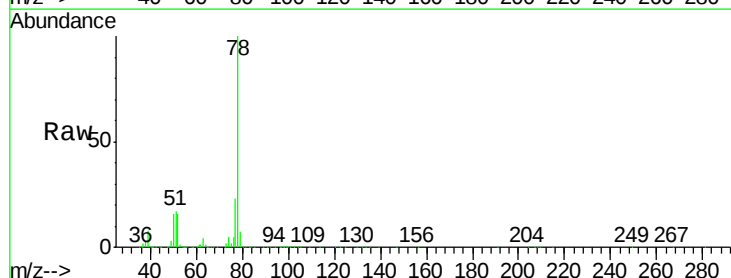
Manual Integrations
APPROVED

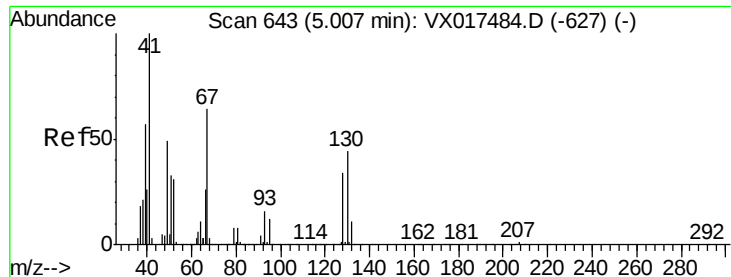
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8/7/2020 4:32:32 PM



#40
Benzene
Concen: 52.720 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2





#41

Methacrylonitrile

Concen: 51.640 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

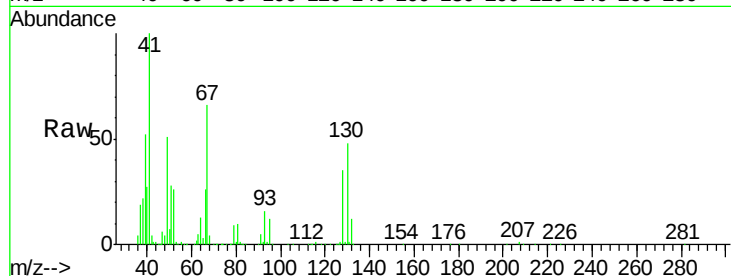
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		179936		
39	57.9	43.9	65.9		
67	70.7	54.0	81.0		
52	30.3	23.0	34.6		

Manual Integrations
APPROVED

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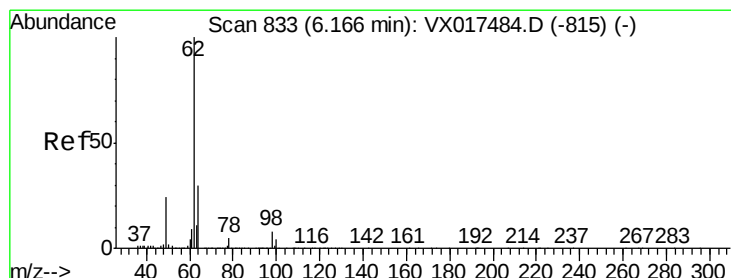
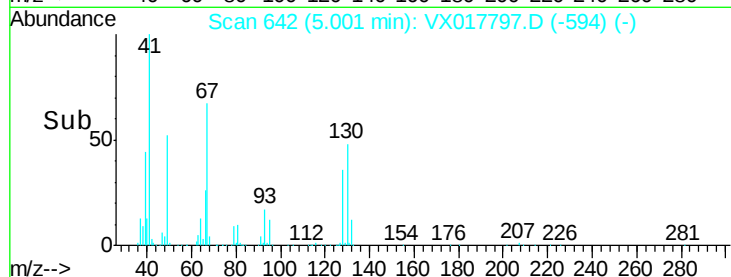
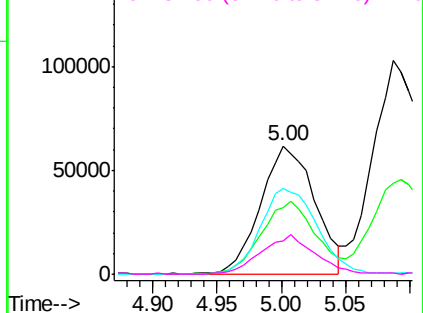
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.847 ug/l

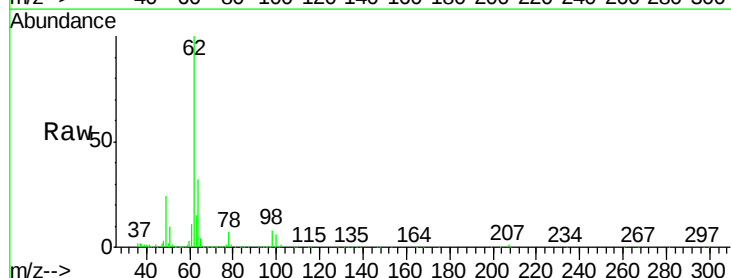
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

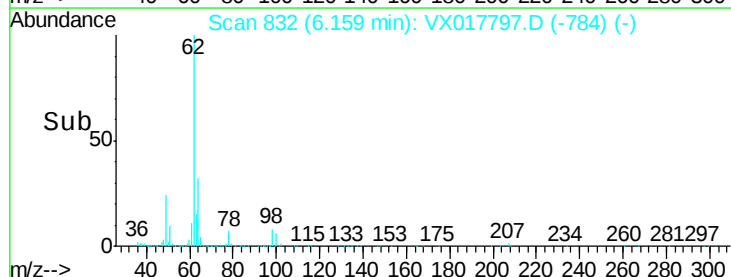
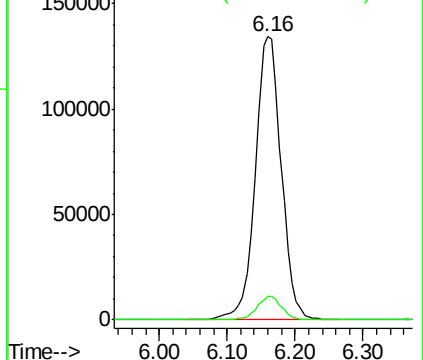
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		357405		
98	8.1	0.0	16.0		

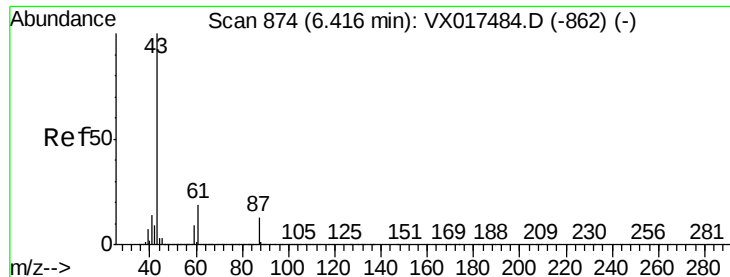


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

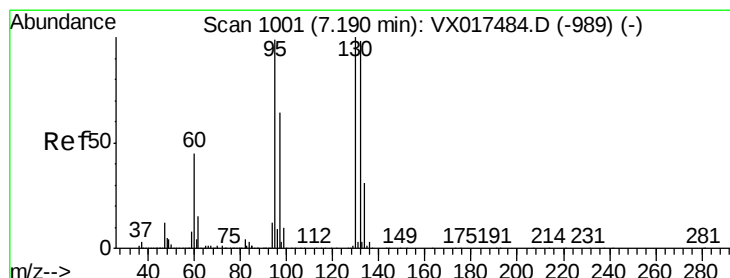
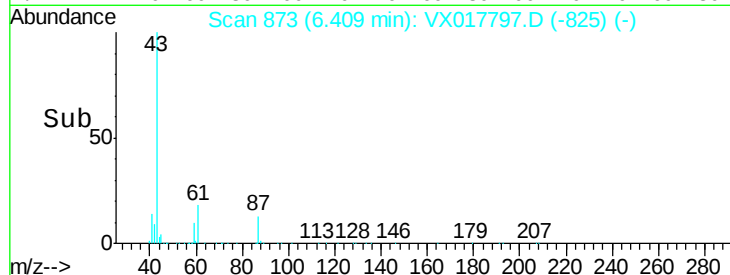
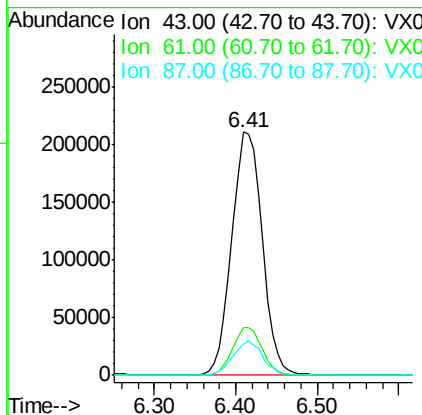
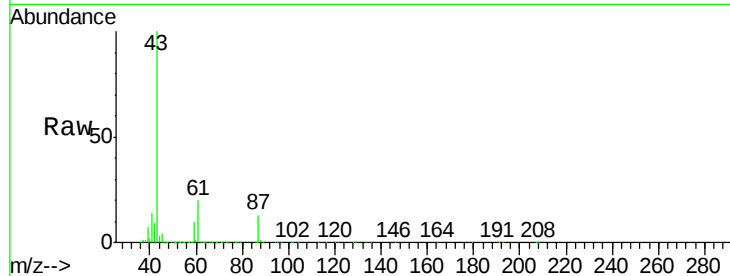
Isopropyl Acetate
 Concen: 54.084 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.8	10.5	15.7

Manual Integrations
 APPROVED

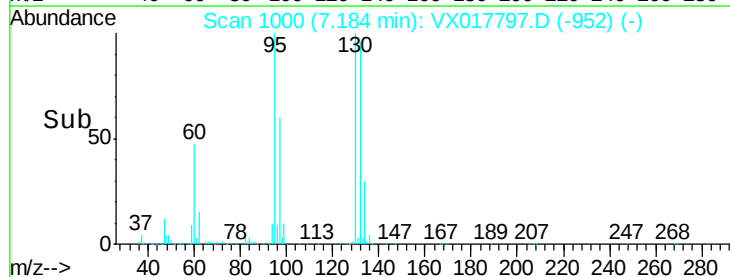
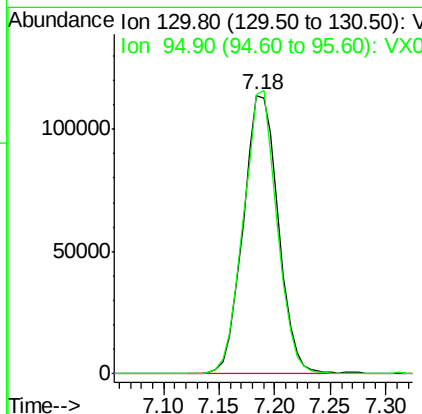
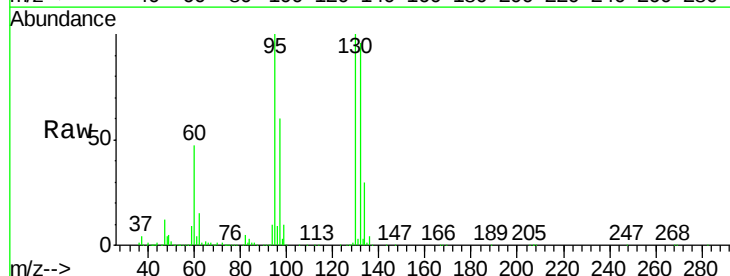
MMDadoda
 8/7/2020 4:32:32 PM

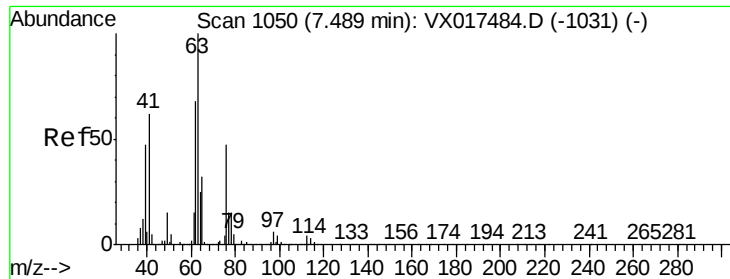


#44

Trichloroethene
 Concen: 53.557 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	189.0





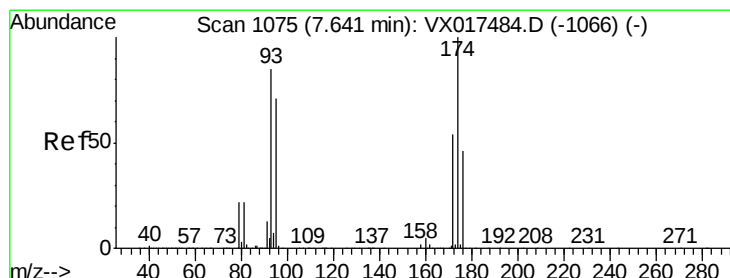
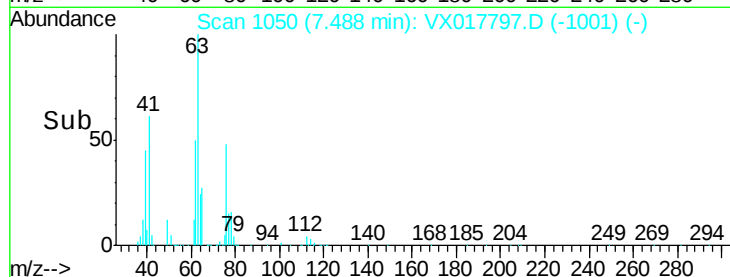
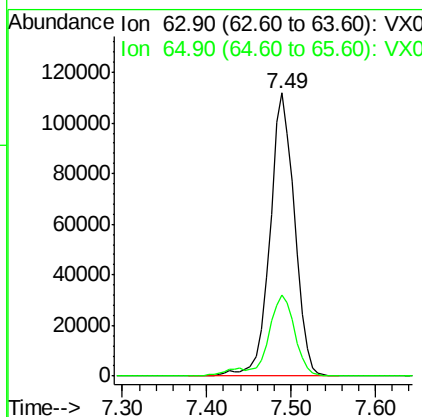
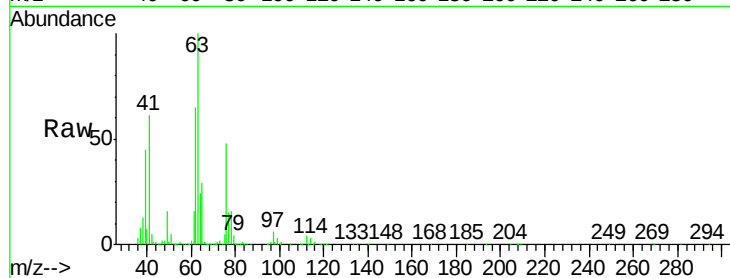
#45
 1,2-Dichloropropane
 Concen: 51.196 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.5	36.7

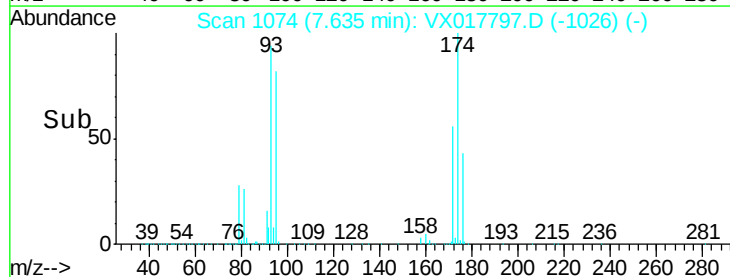
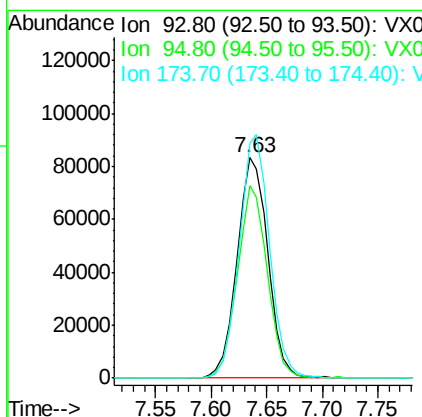
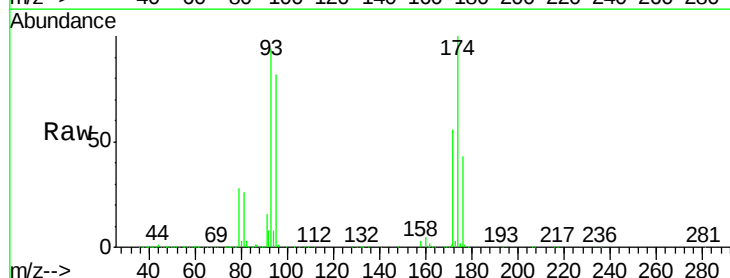
Manual Integrations
 APPROVED

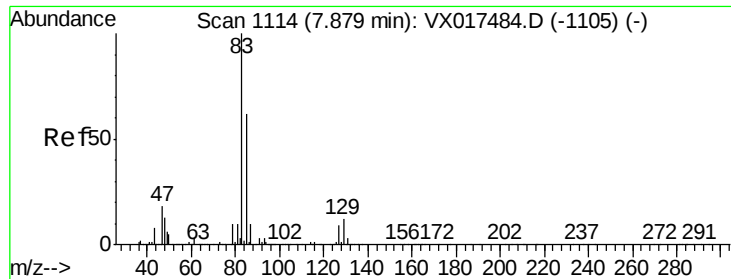
MMDadoda
 8/7/2020 4:32:32 PM



#46
 Dibromomethane
 Concen: 51.214 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.6	99.8
174	108.7	87.0	130.6





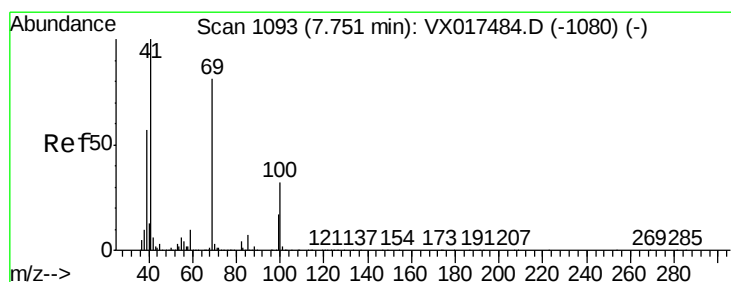
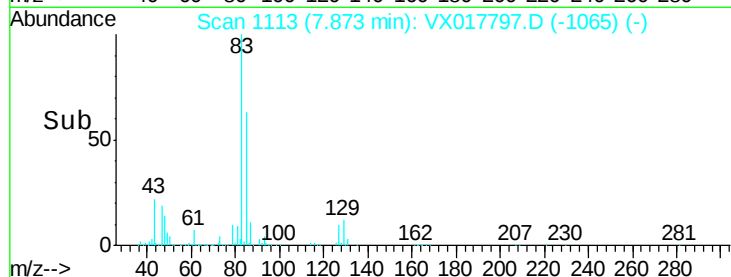
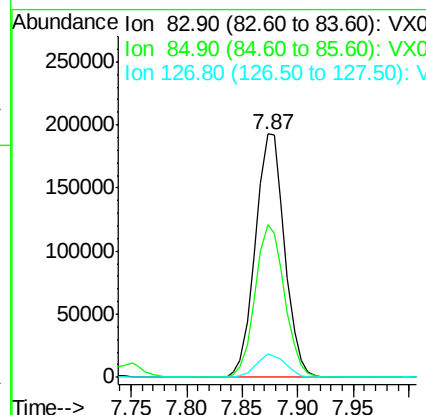
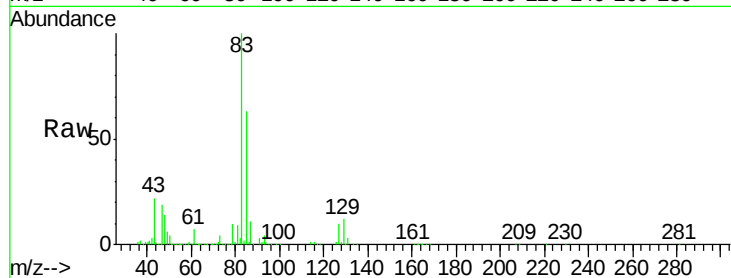
#47
Bromodichloromethane
Concen: 56.323 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	353649		
85	62.8		51.8	77.8
127	9.7		7.4	11.2

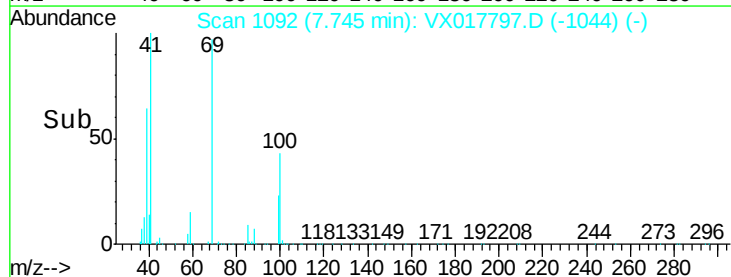
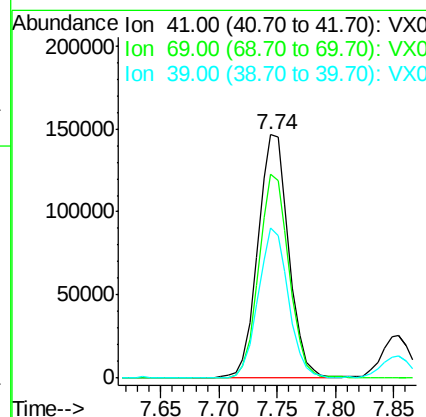
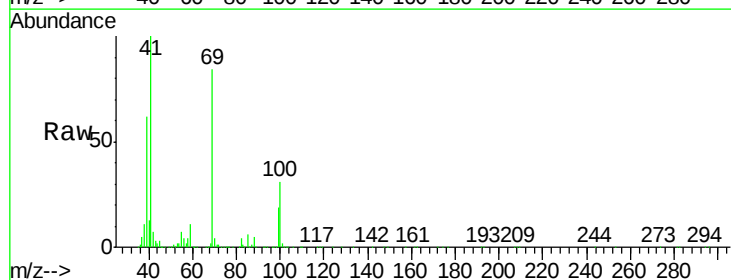
Manual Integrations
APPROVED

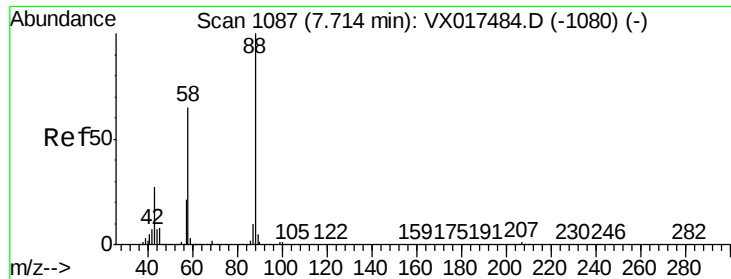
MMDadoda
8/7/2020 4:32:32 PM



#48
Methyl methacrylate
Concen: 54.051 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	268729		
69	82.2		63.1	94.7
39	59.8		45.1	67.7





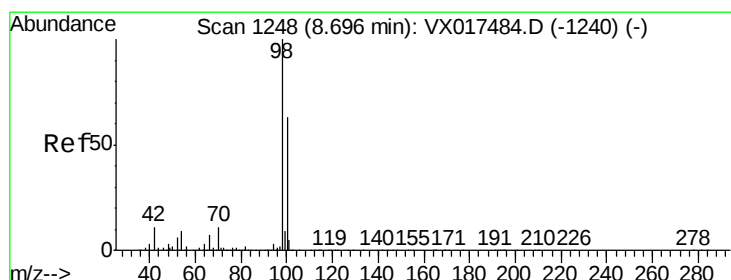
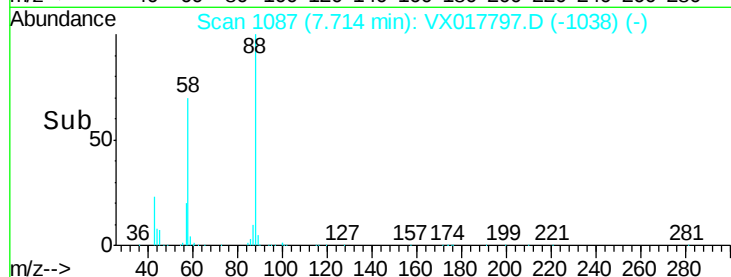
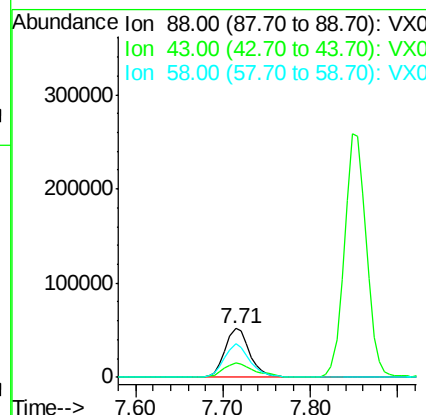
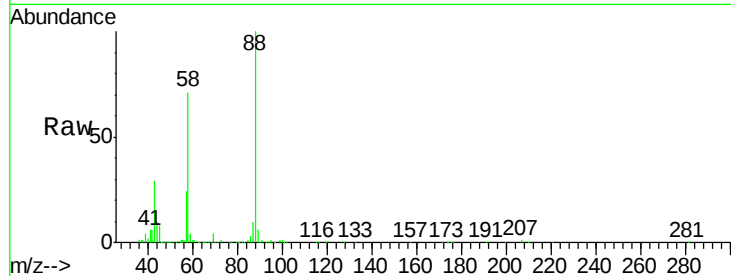
#49
1,4-Dioxane
Concen: 1086.968 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.8	41.6
58	69.9	58.3	87.5

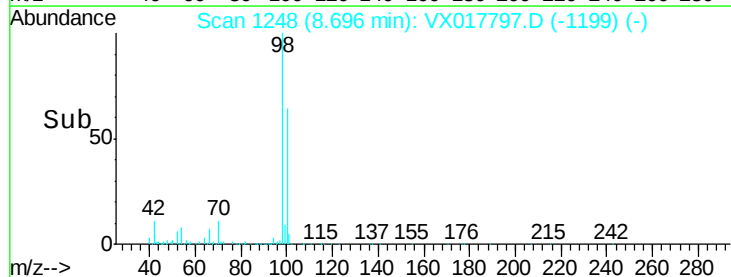
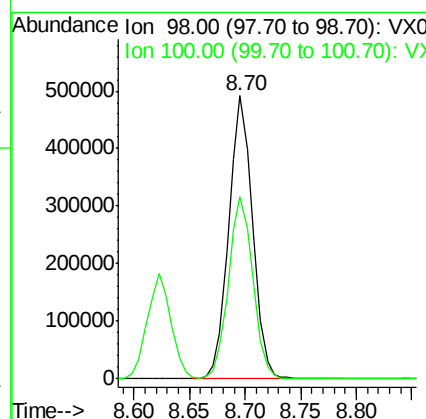
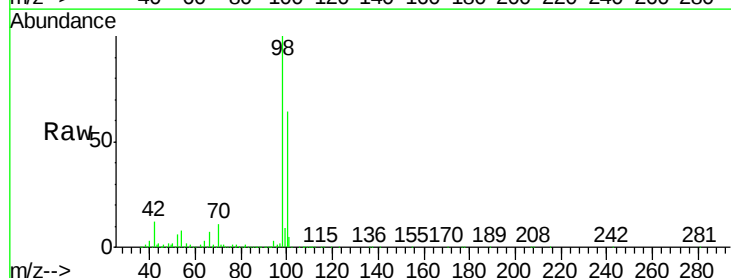
Manual Integrations
APPROVED

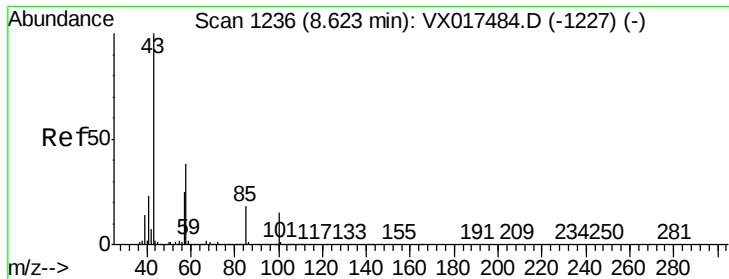
MMDadoda
8/7/2020 4:32:32 PM



#50
Toluene-d8
Concen: 52.050 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 294.629 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1763197

Ion Ratio Lower Upper

43 100

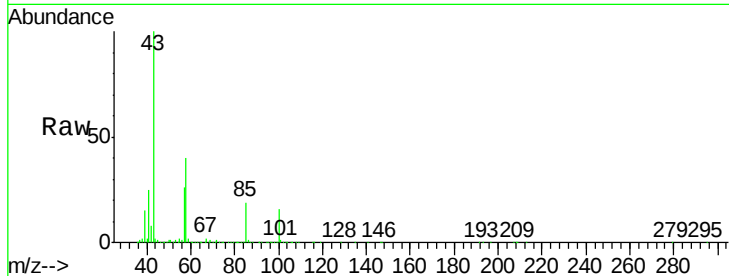
58 38.6 31.0 46.4

Manual Integrations

APPROVED

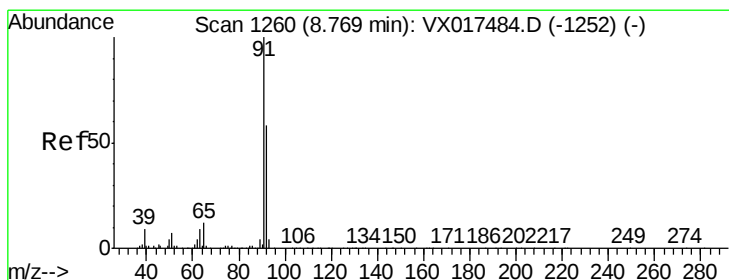
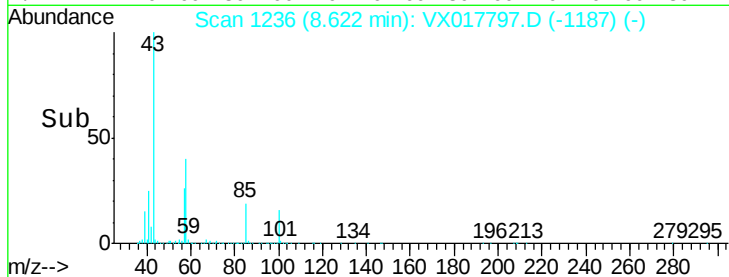
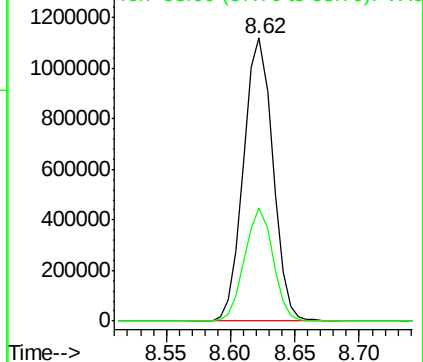
MMDadoda

8/7/2020 4:32:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.373 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017797.D

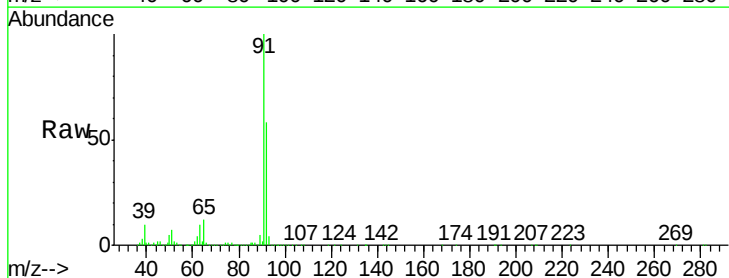
Acq: 06 Aug 2020 10:08

Tgt Ion: 92 Resp: 545210

Ion Ratio Lower Upper

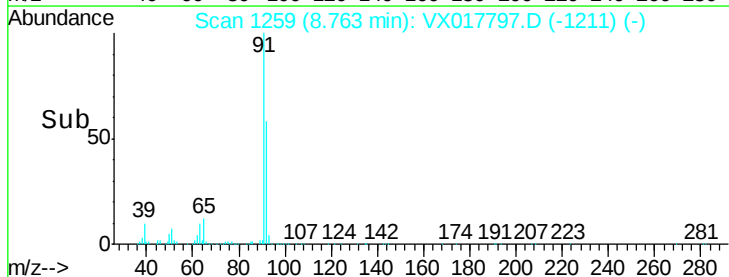
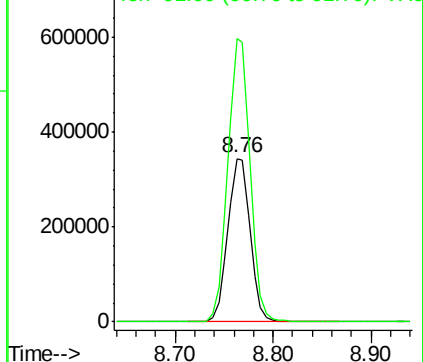
92 100

91 172.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





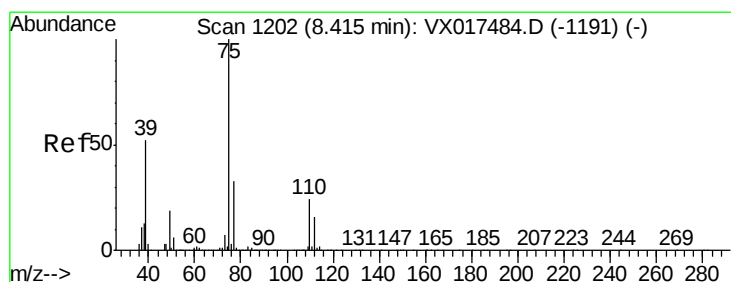
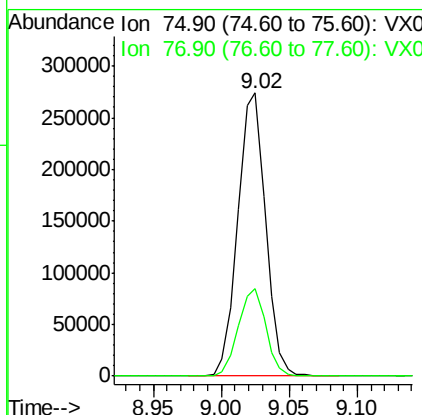
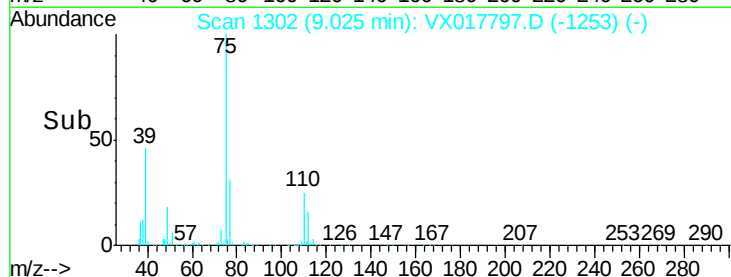
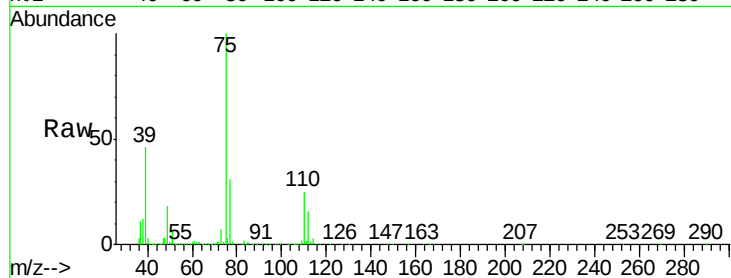
#53
t-1,3-Dichloropropene
Concen: 55.590 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

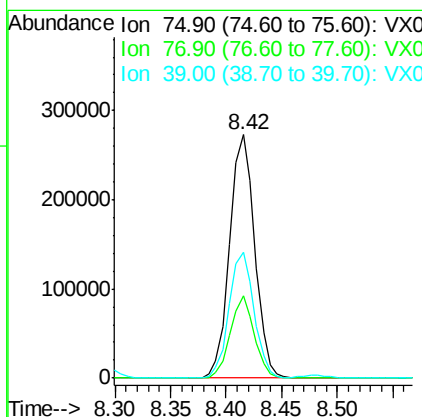
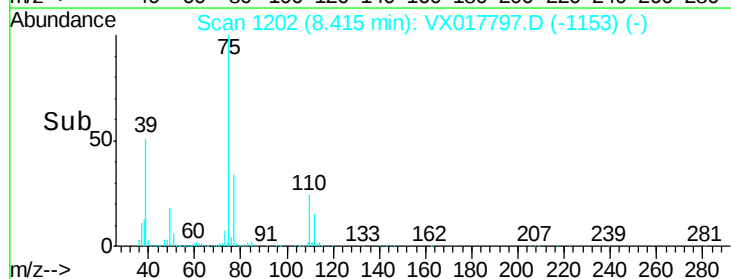
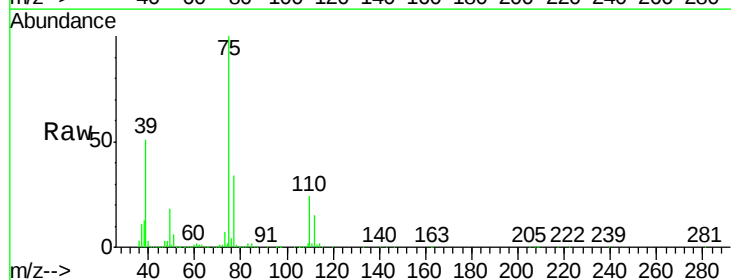
Manual Integrations
APPROVED

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8/7/2020 4:32:32 PM



#54
cis-1,3-Dichloropropene
Concen: 59.543 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.5	38.3
39	51.4	41.8	62.8





#55

1,1,2-Trichloroethane

Concen: 56.333 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

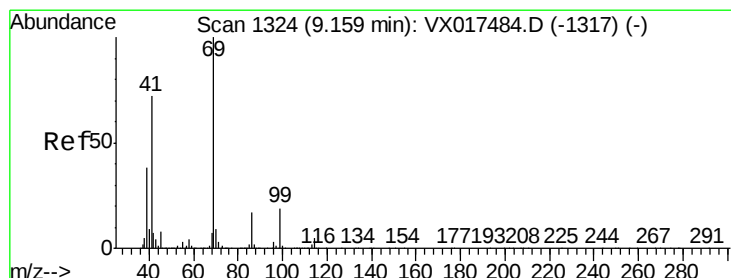
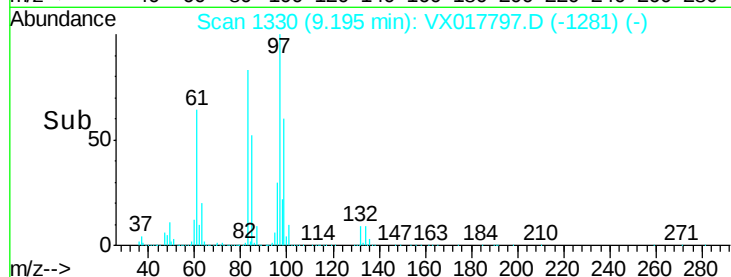
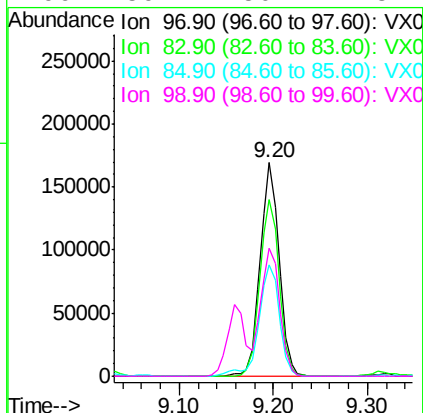
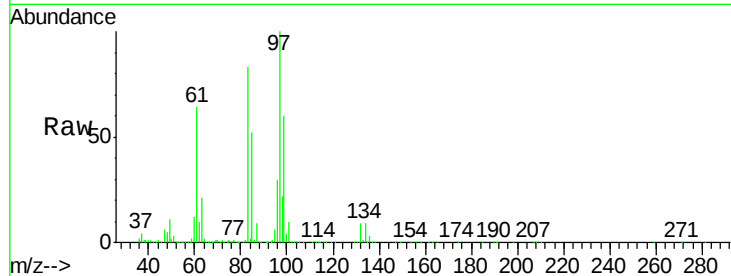
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		239717		
83	82.8	67.6	101.4		
85	52.2	44.6	67.0		
99	59.7	50.2	75.4		

Manual Integrations
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MMDadoda
8/7/2020 4:32:32 PM



#56

Ethyl methacrylate

Concen: 57.936 ug/l

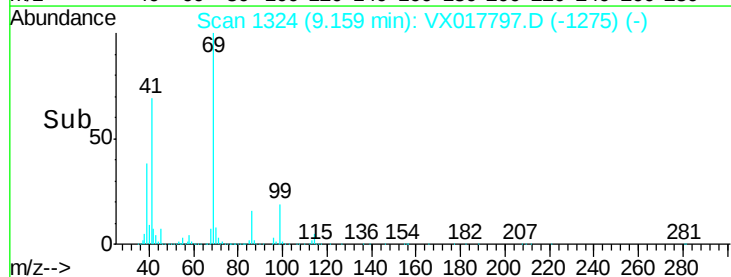
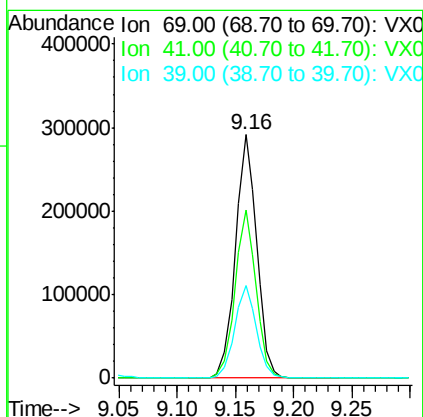
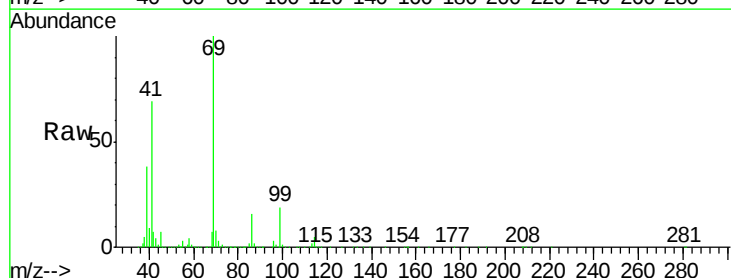
RT: 9.16 min Scan# 1324

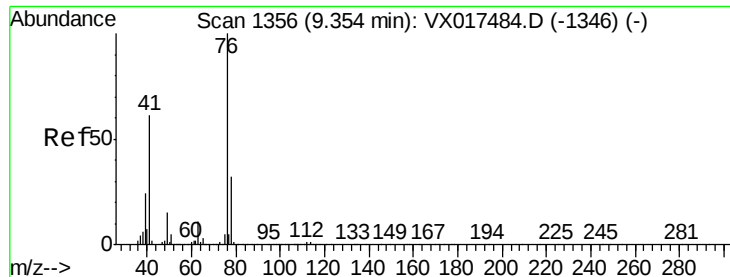
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		371433		
41	68.1	55.0	82.6		
39	38.7	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 53.809 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 377043

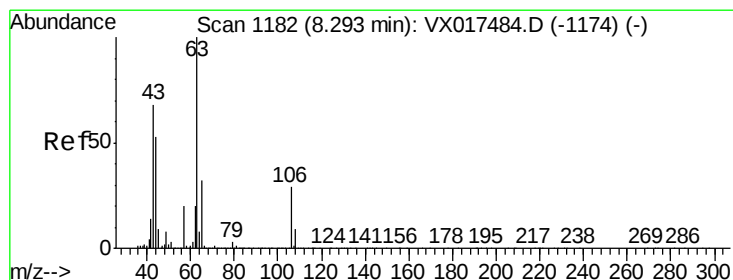
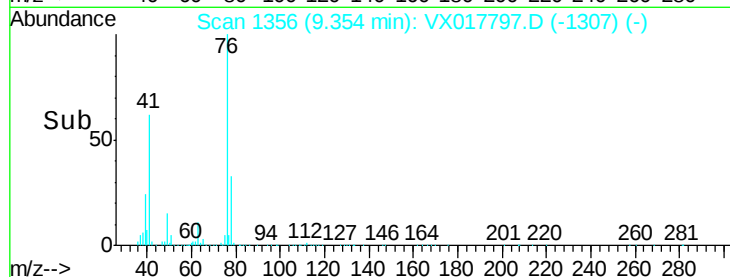
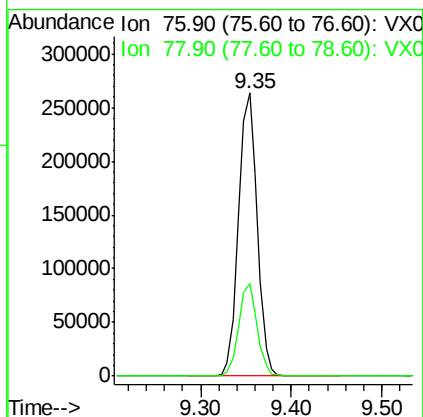
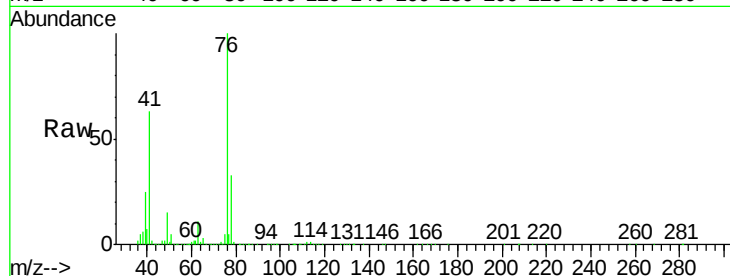
Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
8/7/2020 4:32:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 261.703 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017797.D

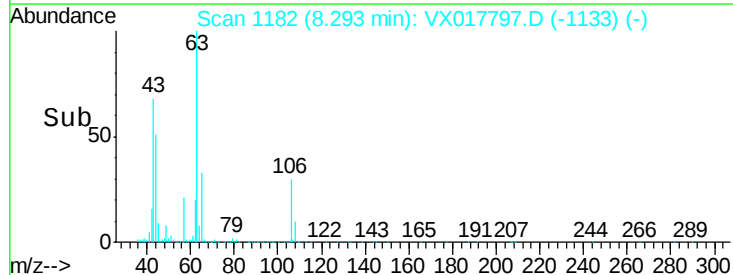
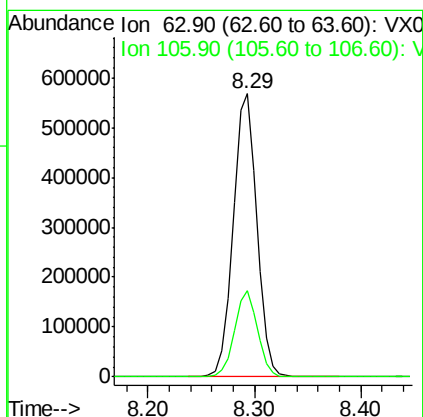
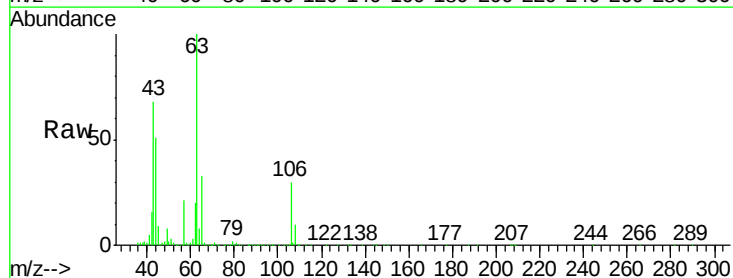
Acq: 06 Aug 2020 10:08

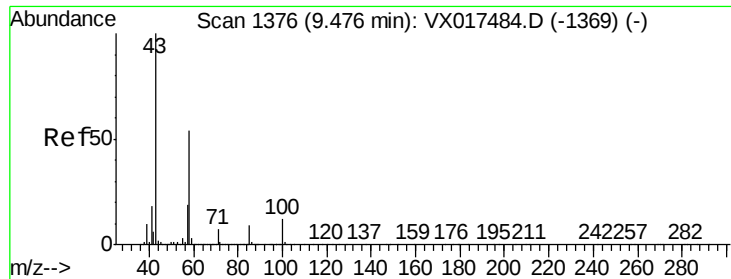
Tgt Ion: 63 Resp: 883941

Ion Ratio Lower Upper

63 100

106 29.5 22.6 34.0





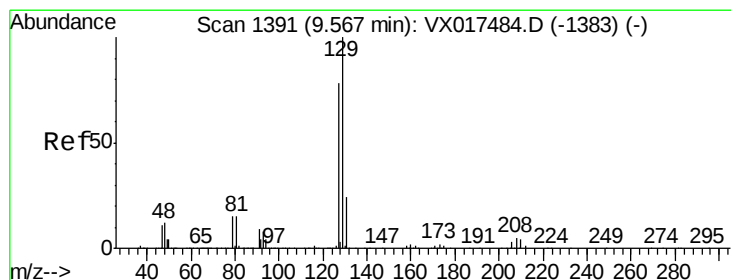
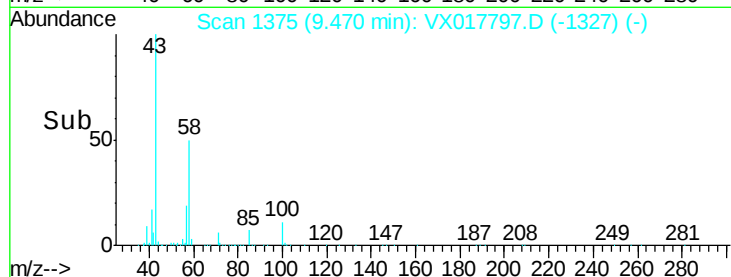
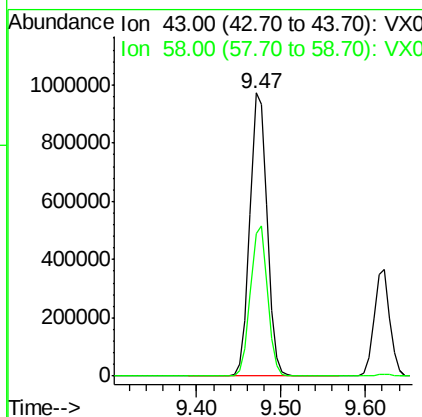
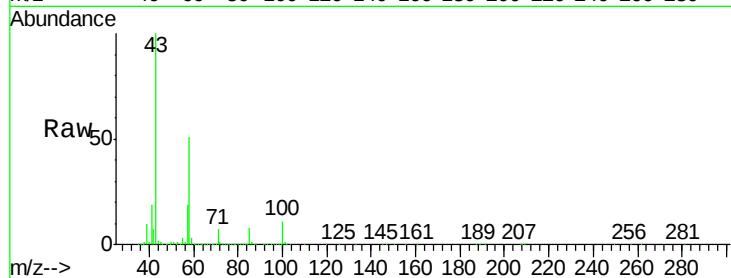
#59
2-Hexanone
Concen: 293.632 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1323000
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8

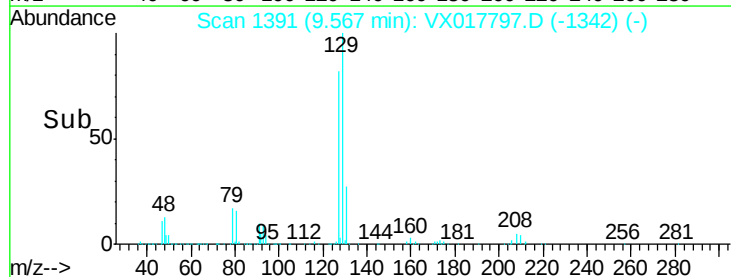
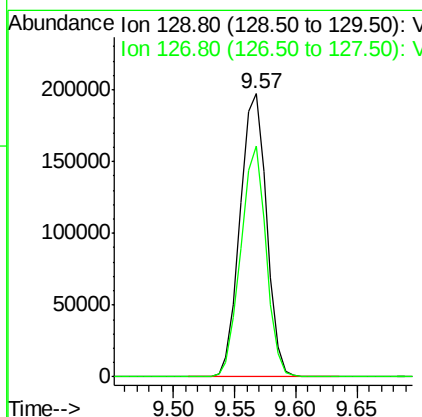
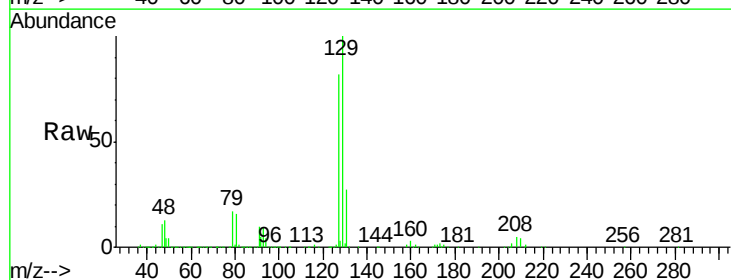
Manual Integrations
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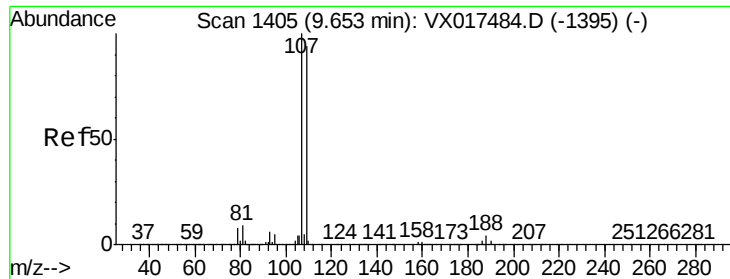
MMDadoda
8/7/2020 4:32:32 PM



#60
Dibromochloromethane
Concen: 54.771 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 129 Resp: 296239
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.1





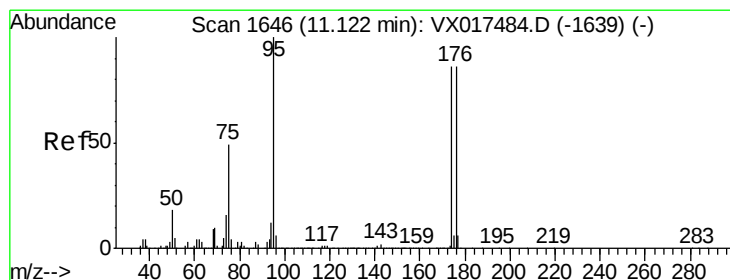
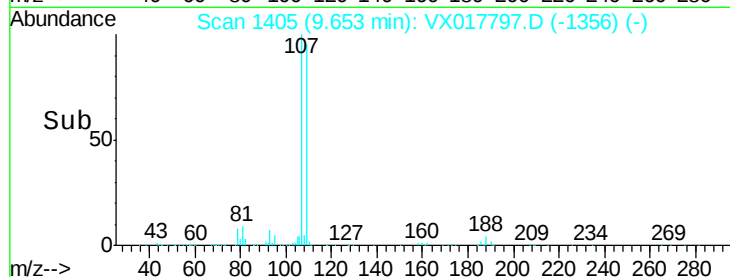
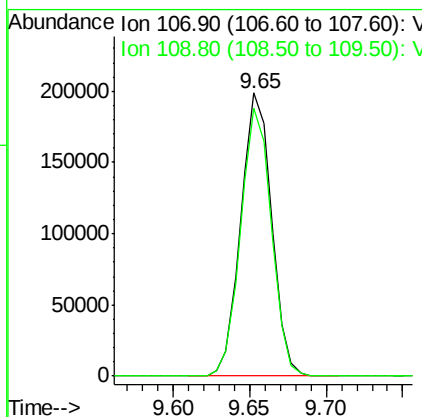
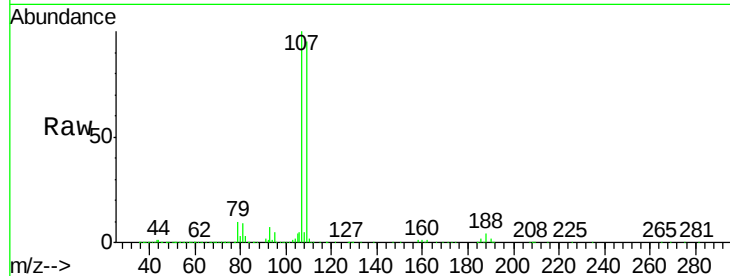
#61
 1,2-Dibromoethane
 Concen: 61.469 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.9	112.3

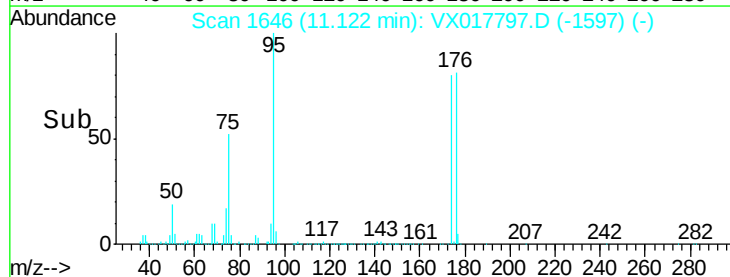
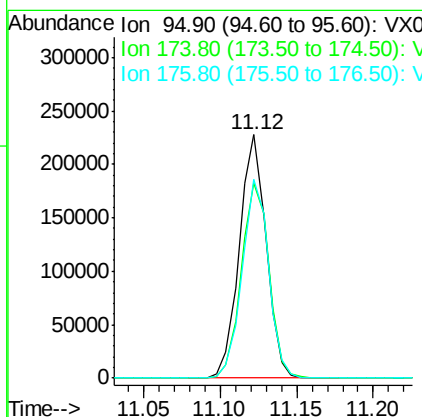
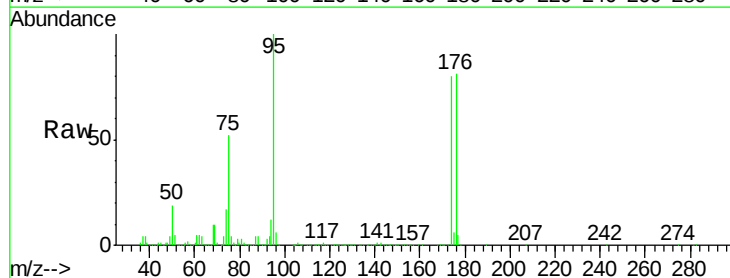
Manual Integrations
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 8/7/2020 4:32:32 PM



#62
 4-Bromofluorobenzene
 Concen: 49.426 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.5	0.0	169.0
176	80.5	0.0	161.0





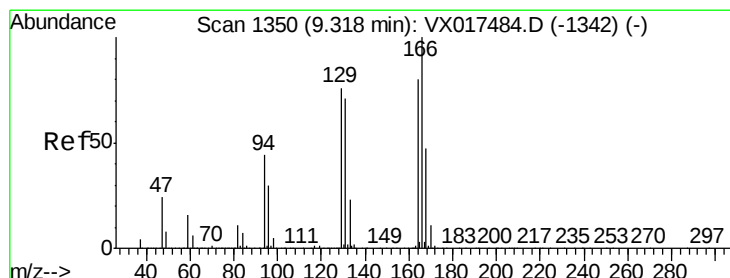
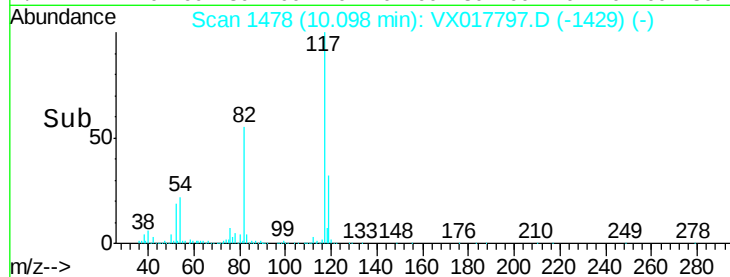
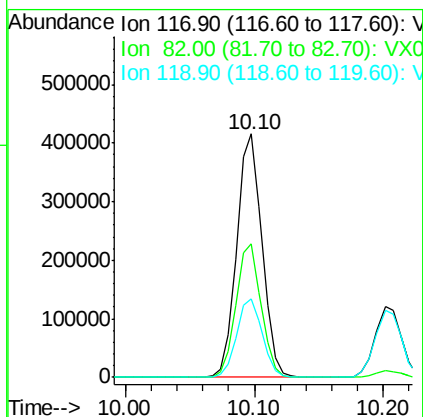
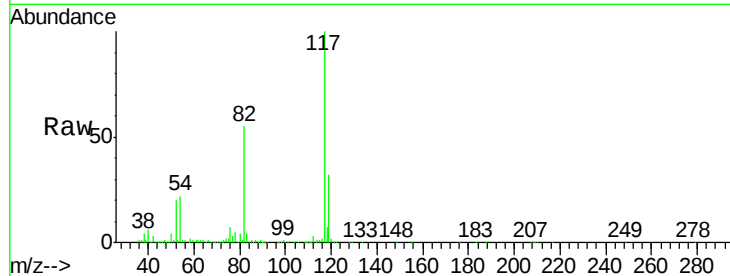
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	564581		
82	55.0	44.0	66.0	
119	32.5	25.4	38.0	

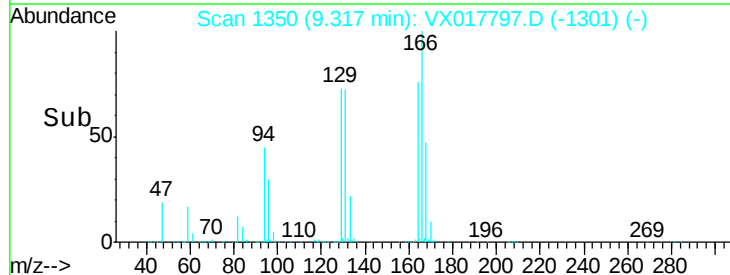
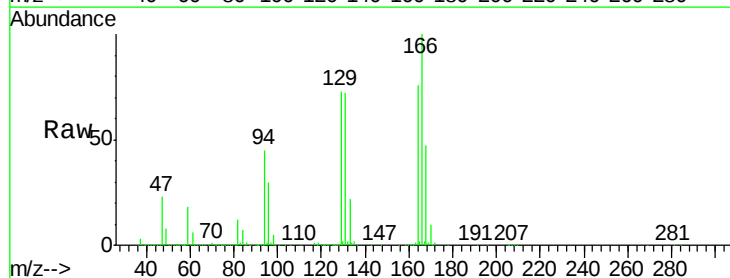
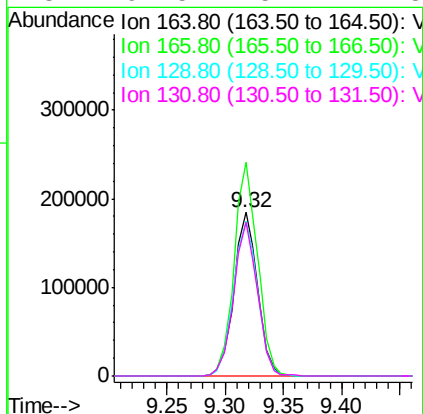
Manual Integrations
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#64
Tetrachloroethene
Concen: 51.334 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	260126		
166	130.8	100.6	150.8	
129	95.0	75.0	112.6	
131	94.5	75.2	112.8	





#65

Chlorobenzene

Concen: 50.759 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 620302

Ion Ratio Lower Upper

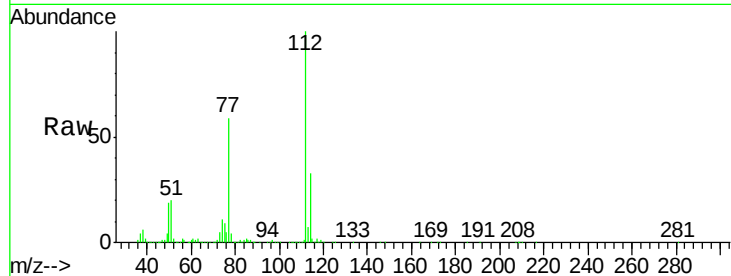
112 100

114 32.5 25.7 38.5

Manual Integrations
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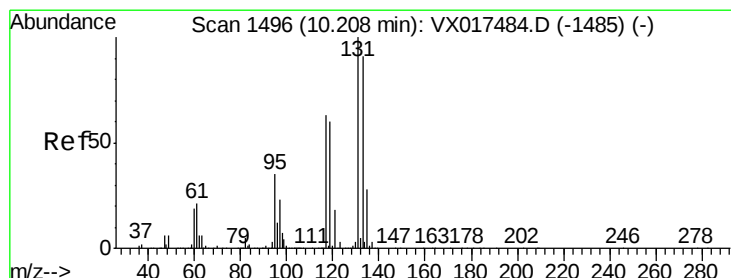
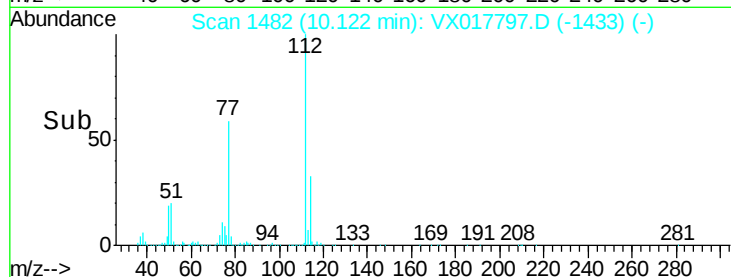
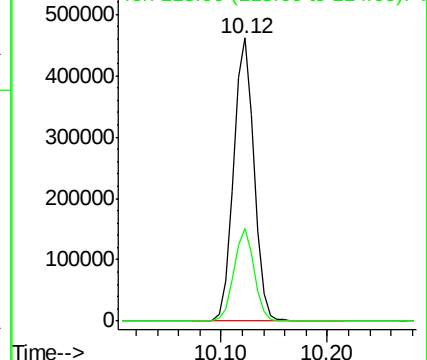
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.674 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

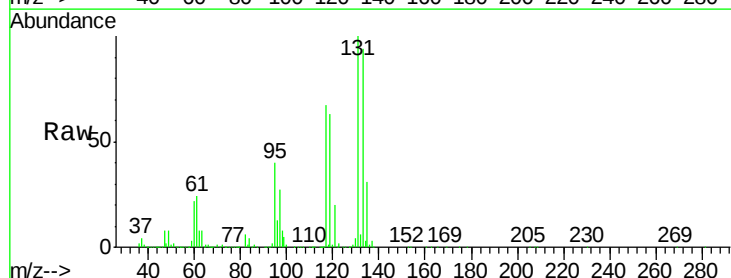
Tgt Ion:131 Resp: 259788

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

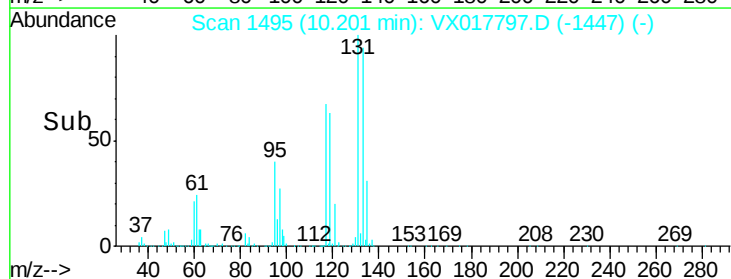
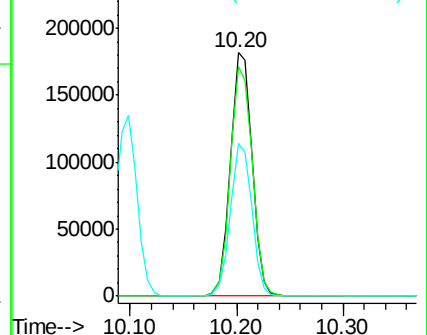
119 62.3 31.1 93.3

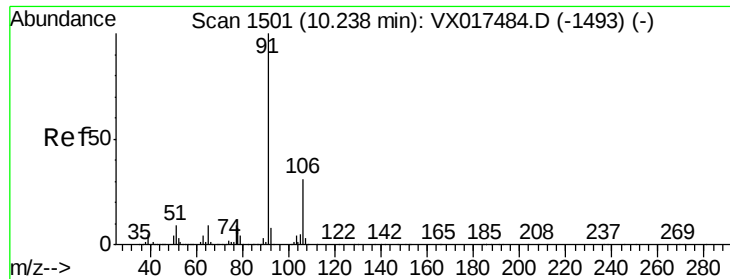


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





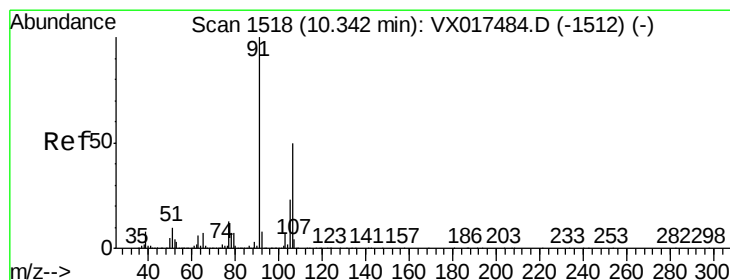
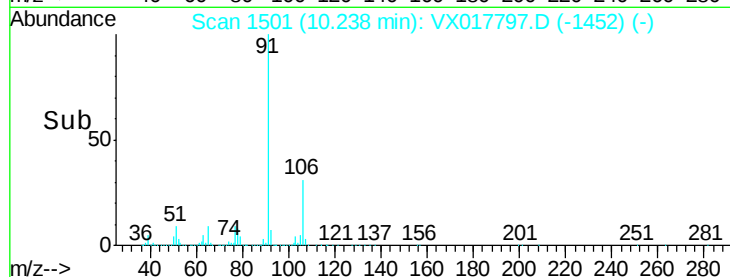
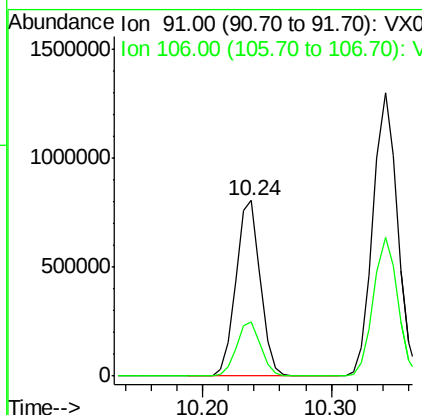
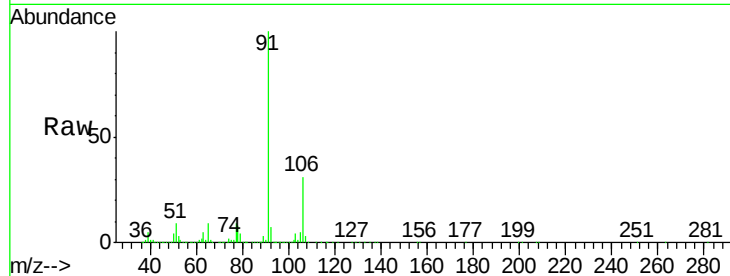
#67
Ethyl Benzene
Concen: 52.171 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1064246
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.6

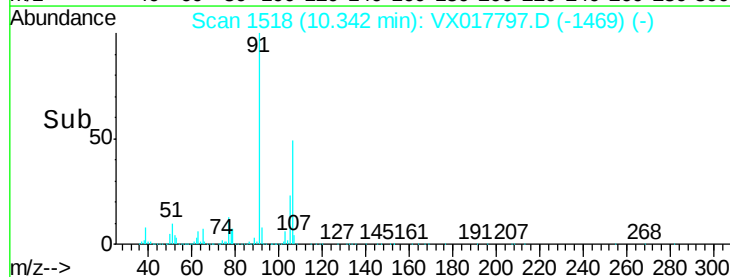
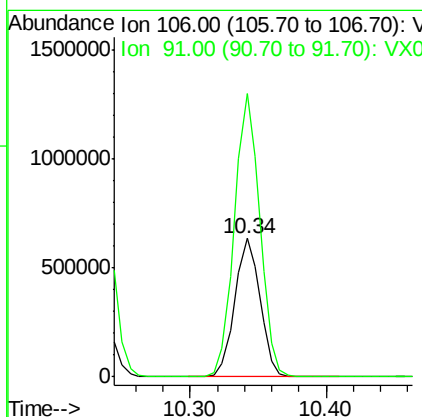
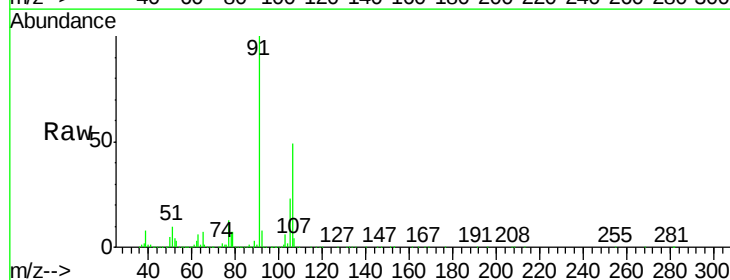
Manual Integrations
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#68
m/p-Xylenes
Concen: 103.765 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion: 106 Resp: 820015
Ion Ratio Lower Upper
106 100
91 205.9 160.9 241.3





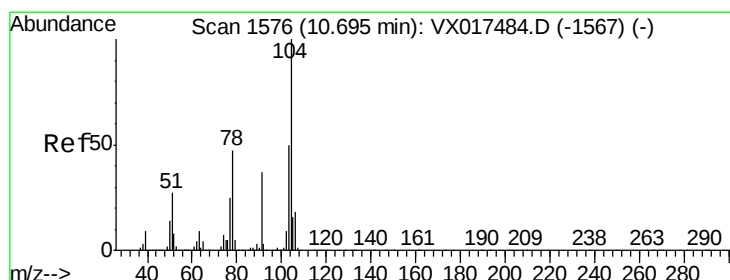
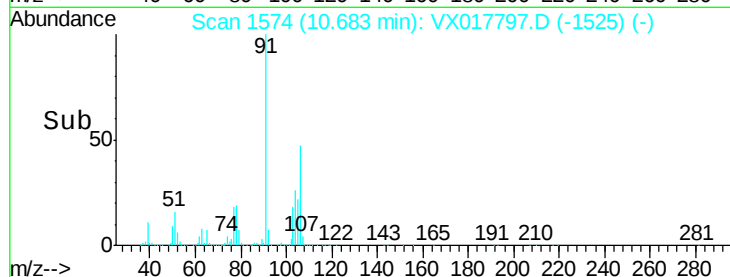
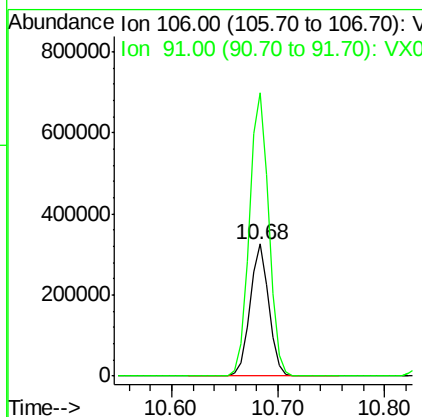
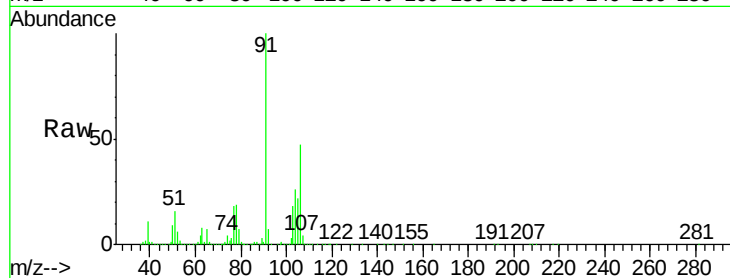
#69
o-Xylene
Concen: 52.964 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	402554		
91	221.7	108.2	324.6	

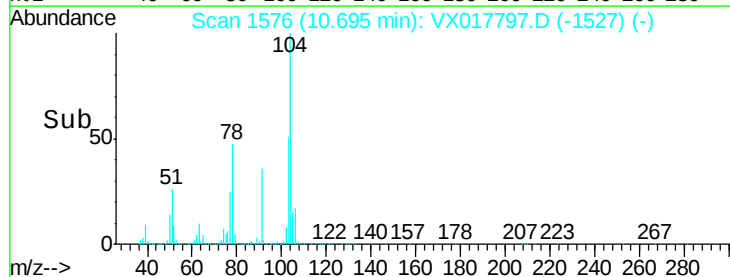
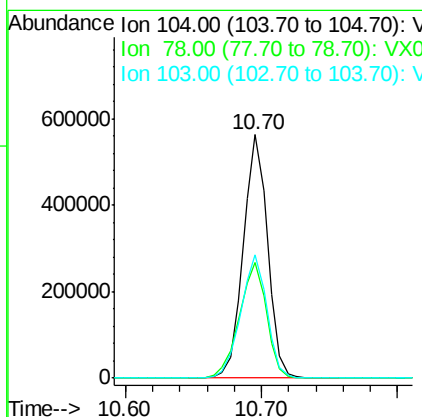
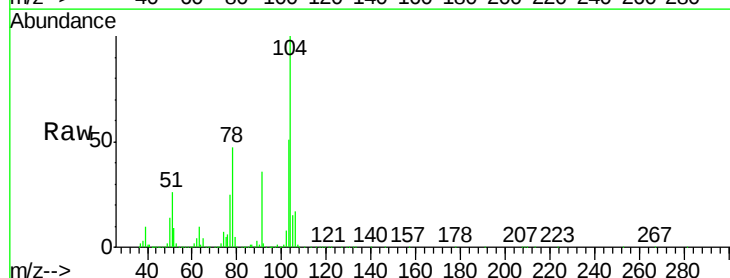
Manual Integrations
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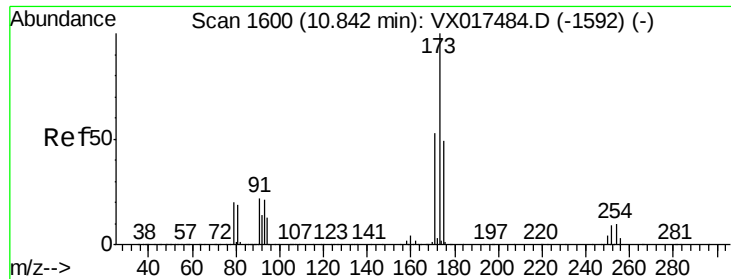
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#70
Styrene
Concen: 54.447 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	704087		
78	52.9	42.5	63.7	
103	54.7	44.3	66.5	





#71

Bromoform

Concen: 51.761 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

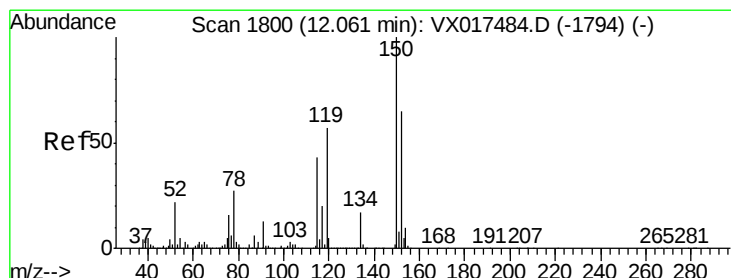
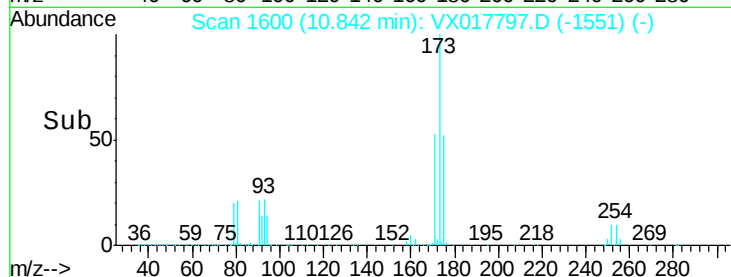
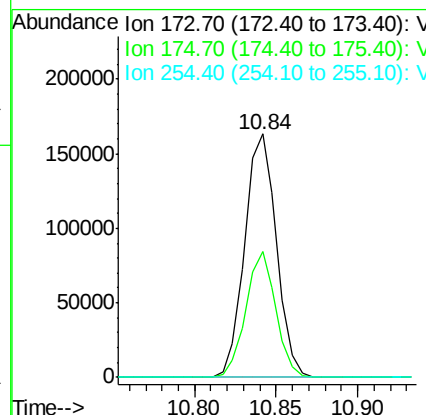
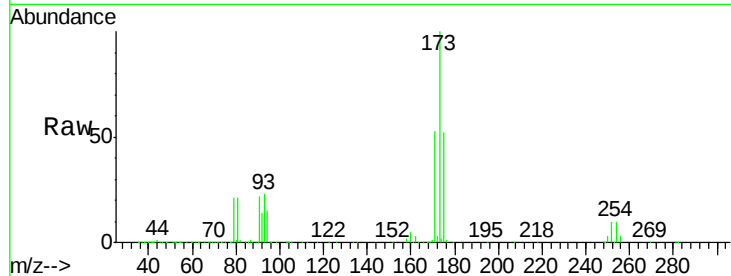
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	221174
Ion Ratio	Lower	Upper	
173	100		
175	49.0	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

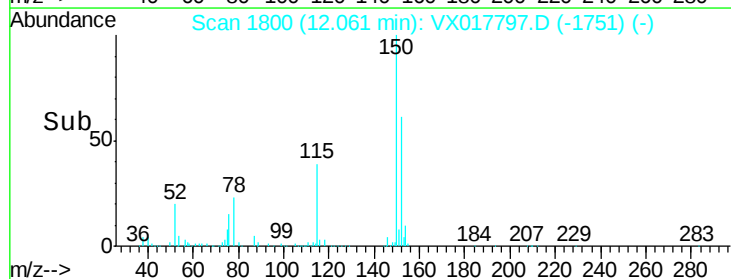
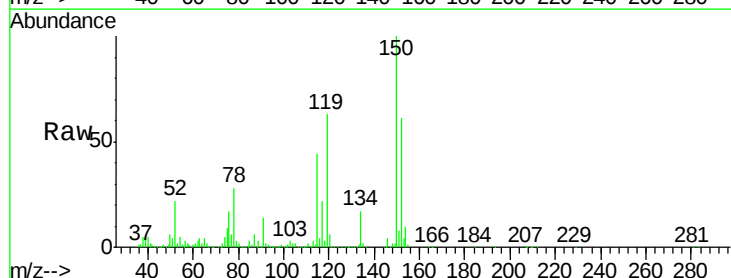
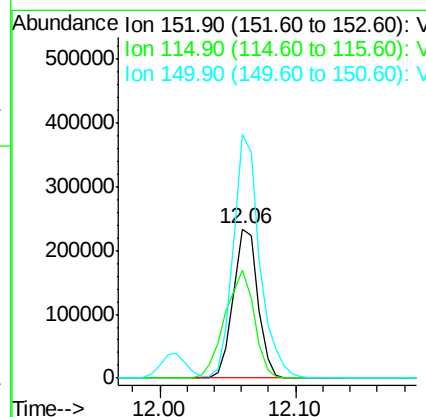
RT: 12.06 min Scan# 1800

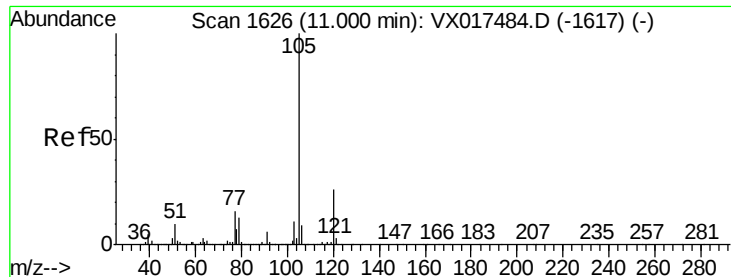
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	152	Resp:	293138
Ion Ratio	Lower	Upper	
152	100		
115	85.8	65.5	196.6
150	175.2	0.0	412.6





#73

Isopropylbenzene

Concen: 54.034 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1086622

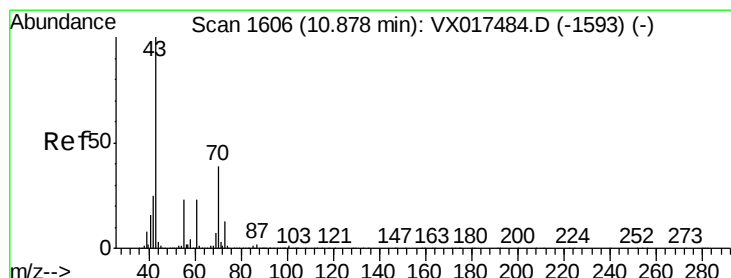
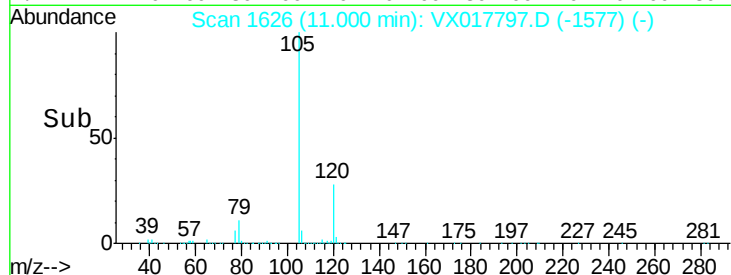
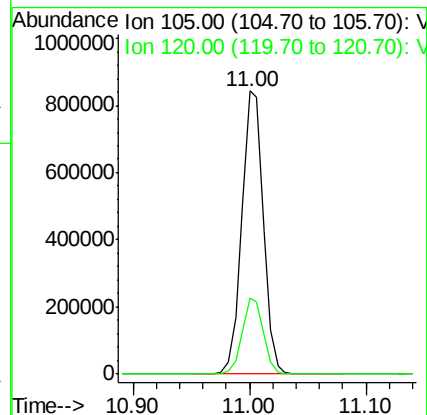
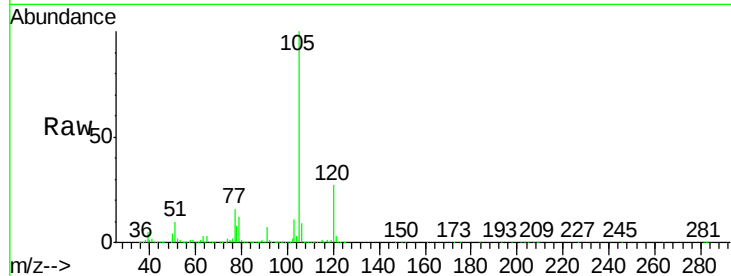
Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 53.778 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion: 43 Resp: 480500

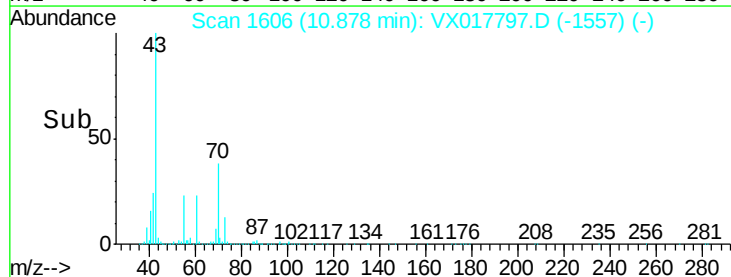
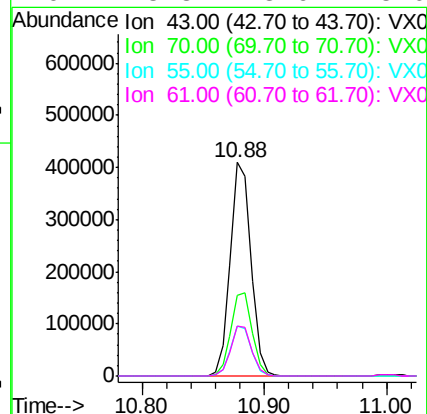
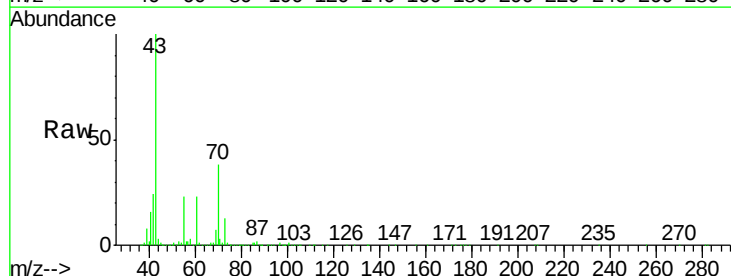
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 23.3 18.4 27.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.886 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

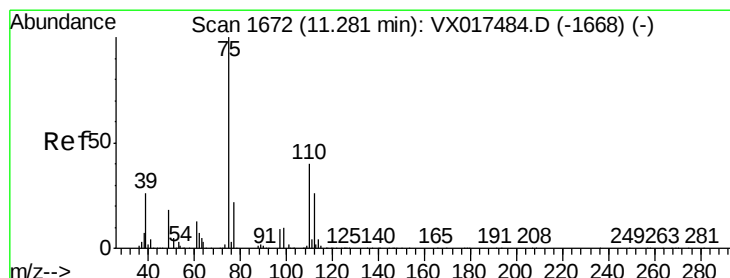
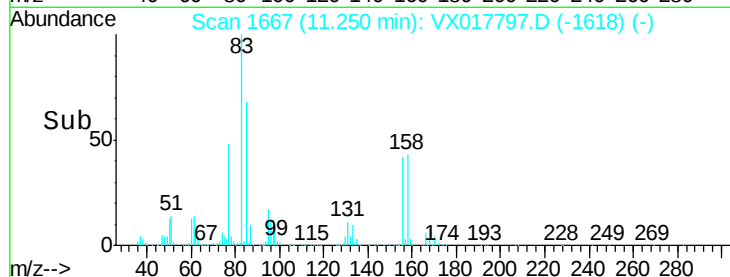
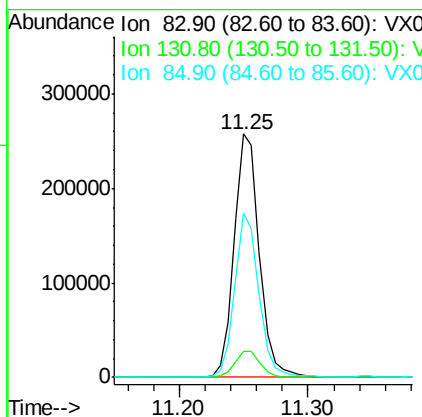
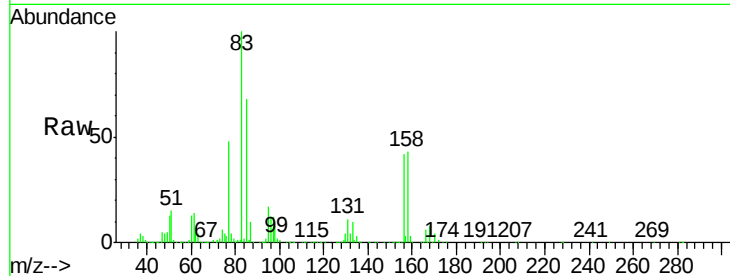
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	350796
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	65.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.909 ug/l m

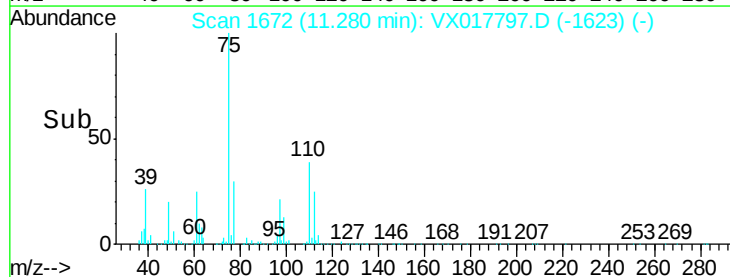
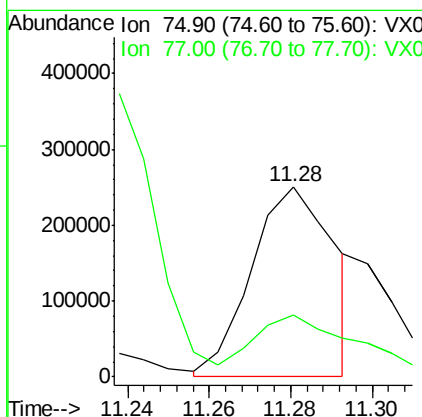
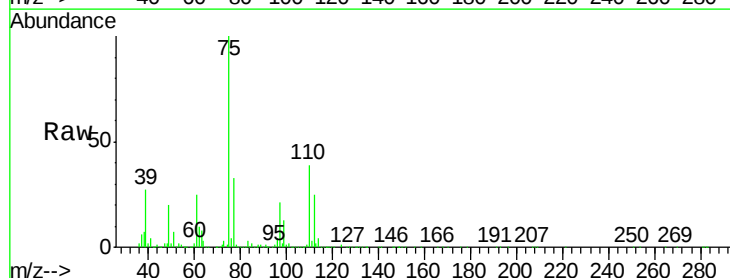
RT: 11.28 min Scan# 1672

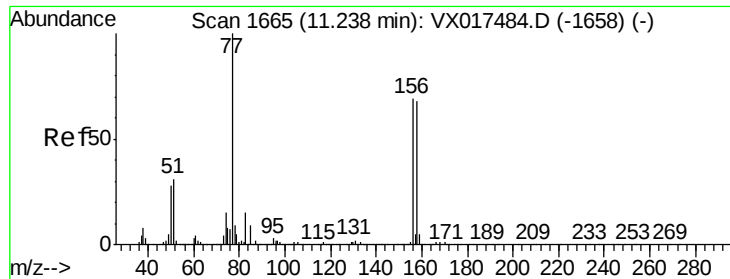
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	75	Resp:	355218
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.8	65.3





#77

Bromobenzene

Concen: 54.144 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

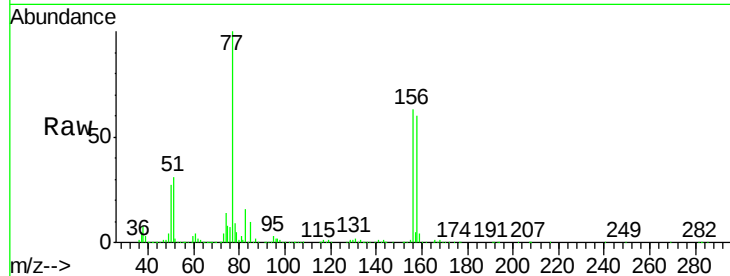
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	304817
Ion Ratio	Lower	Upper	
156	100		
77	155.8	75.0	225.0
158	96.9	49.1	147.3

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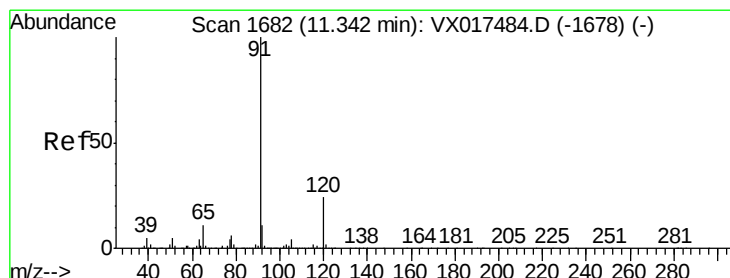
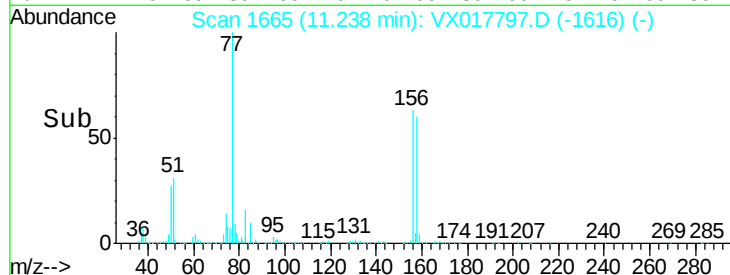
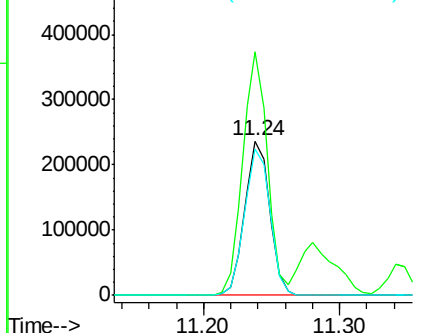
MMDadoda
8/7/2020 4:32:32 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 60.084 ug/l

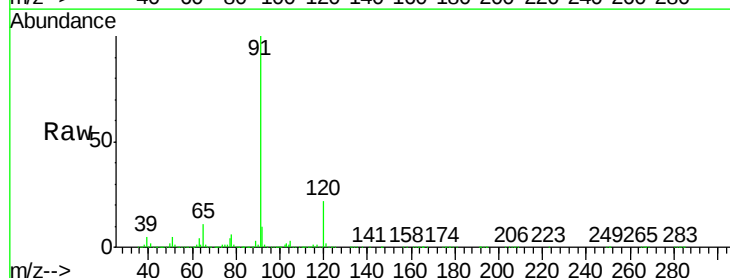
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017797.D

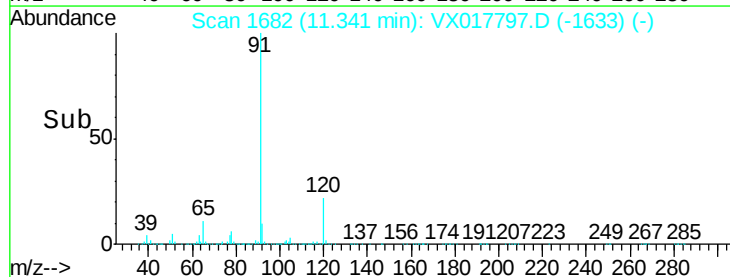
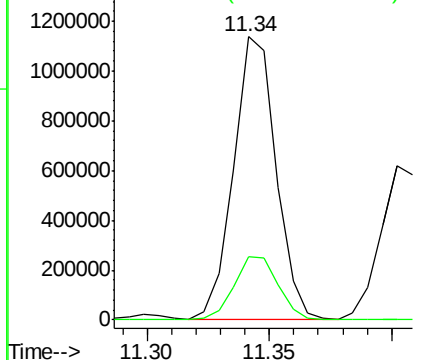
Acq: 06 Aug 2020 10:08

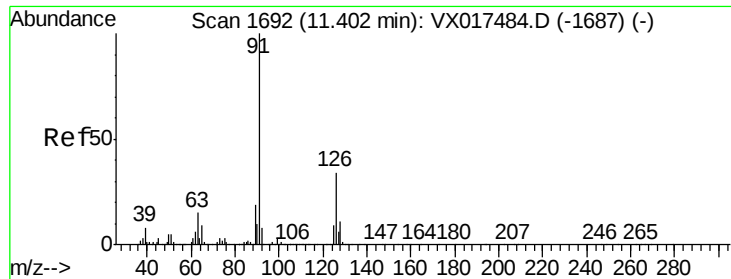
Tgt Ion:	91	Resp:	1362749
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





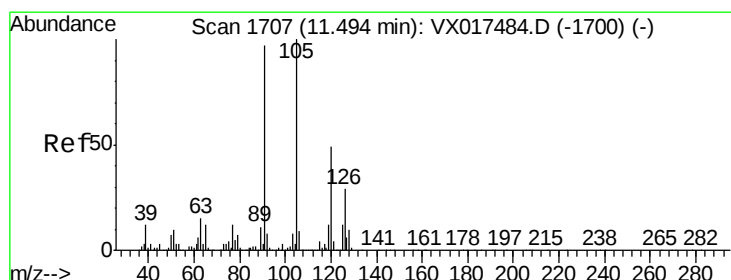
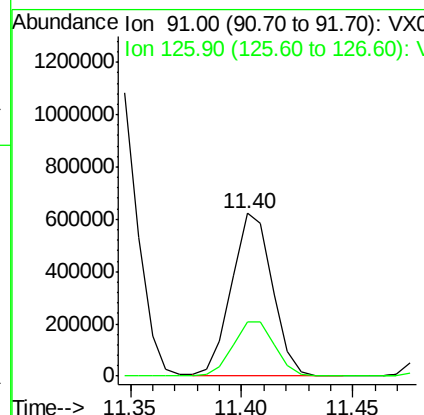
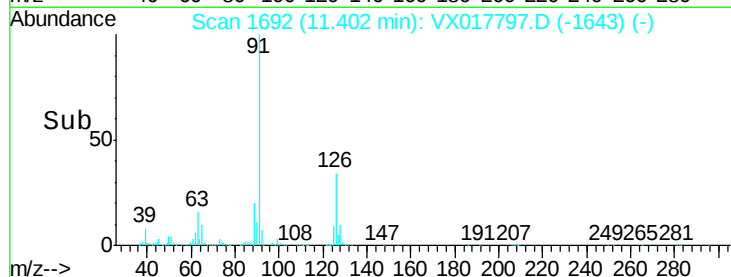
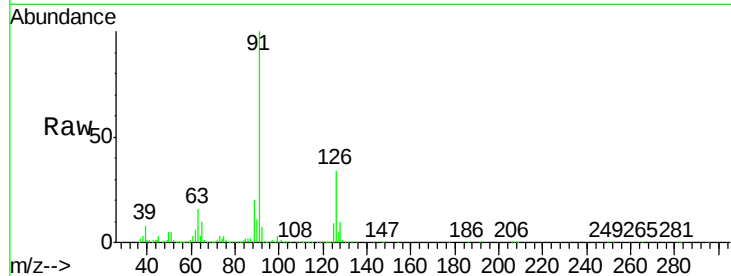
#79
 2-Chlorotoluene
 Concen: 56.200 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	34.7	17.5	52.5	

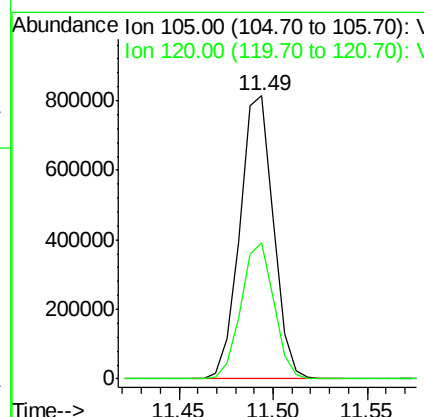
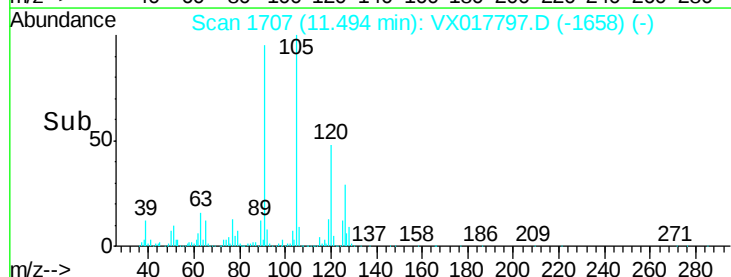
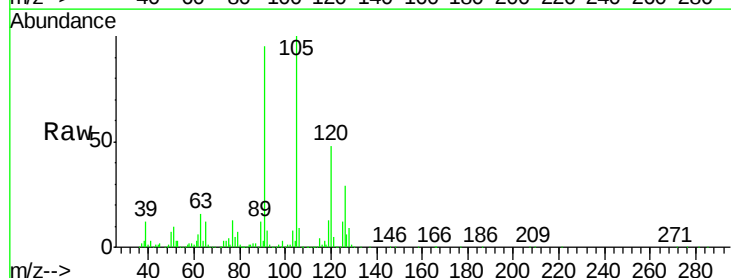
Manual Integrations
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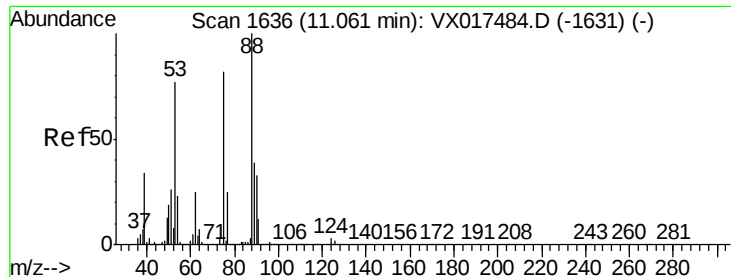
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 8/7/2020 4:32:32 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 58.499 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	47.0	24.1	72.3	





#81

trans-1,4-Dichloro-2-butene

Concen: 53.905 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

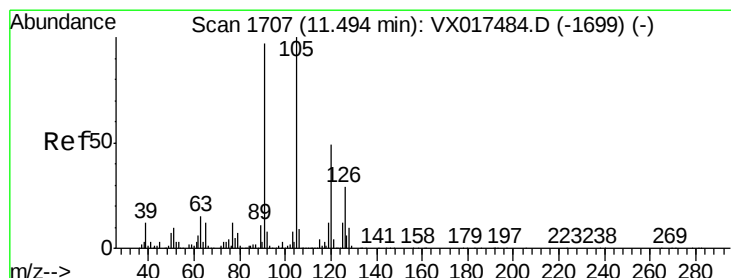
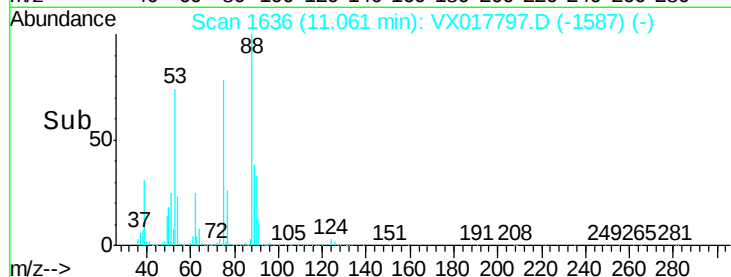
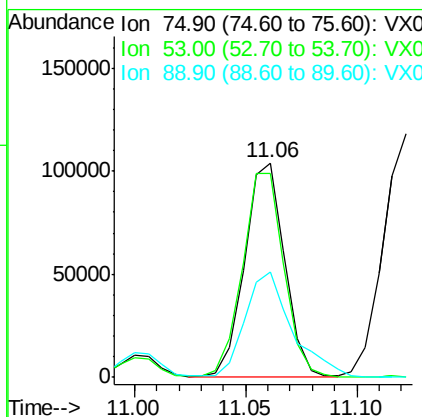
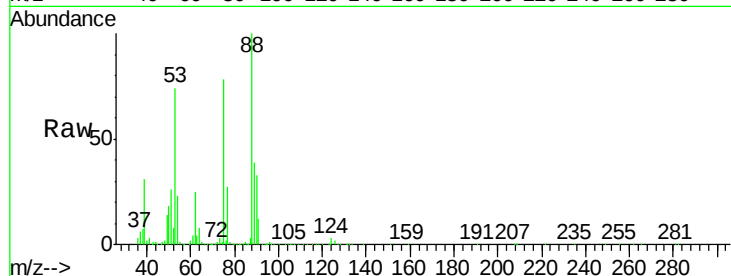
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	128997
Ion	Ratio	Lower	Upper
75	100		
53	99.4	75.9	113.9
89	59.1	37.8	56.6#

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#82

4-Chlorotoluene

Concen: 57.129 ug/l

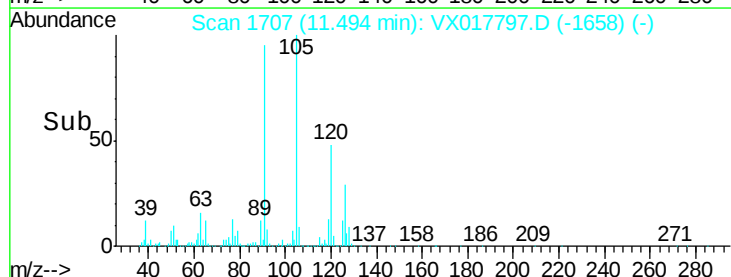
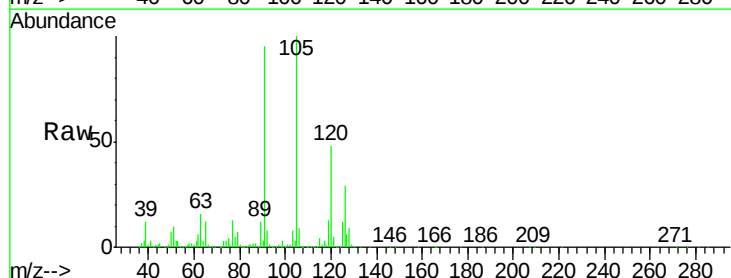
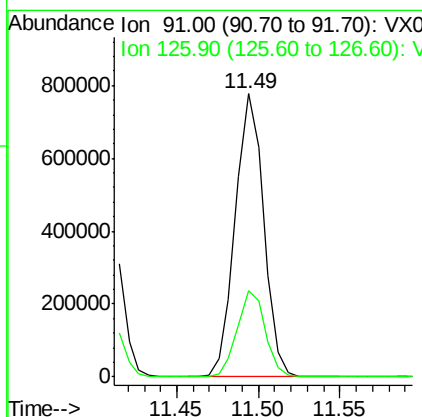
RT: 11.49 min Scan# 1707

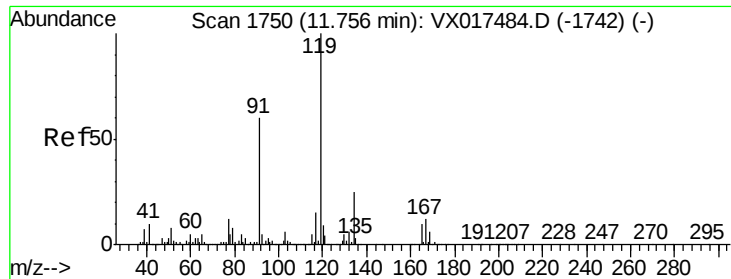
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	91	Resp:	946808
Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.2	45.6





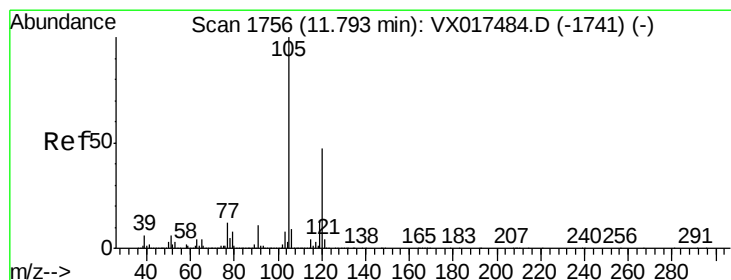
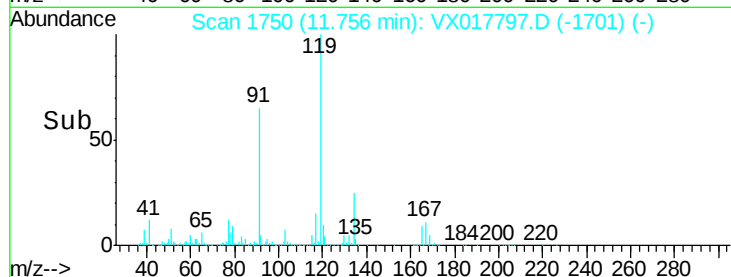
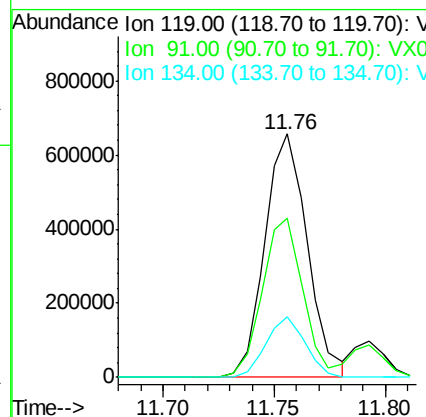
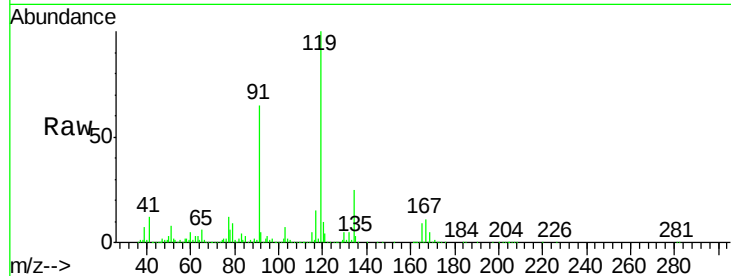
#83
tert-Butylbenzene
Concen: 53.190 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	873873		
91	61.7	29.3	88.0	
134	23.2	11.2	33.6	

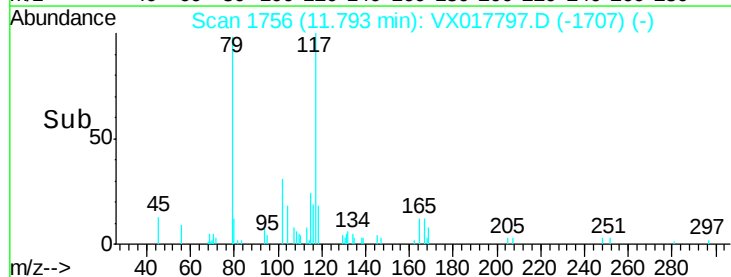
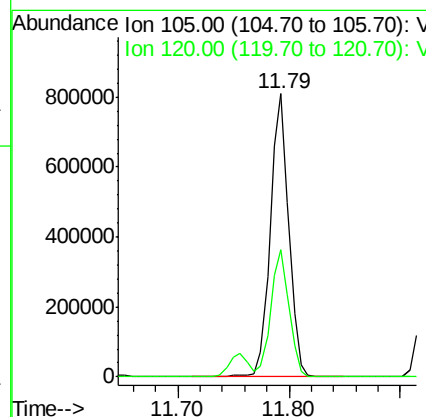
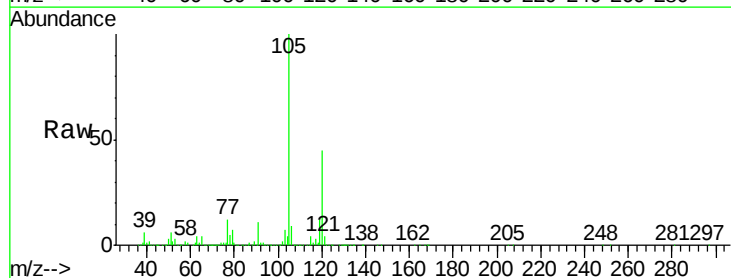
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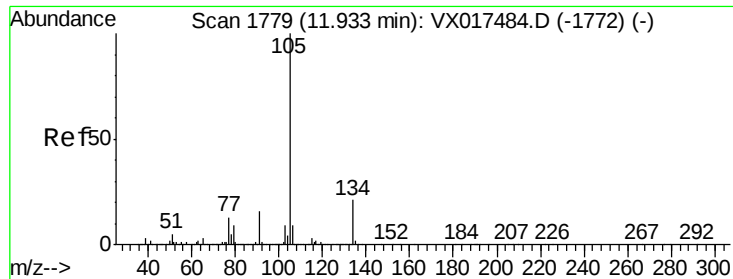
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#84
1,2,4-Trimethylbenzene
Concen: 55.145 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017797.D
Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	941742		
120	44.6	22.7	68.0	





#85

sec-Butylbenzene

Concen: 55.103 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1054596

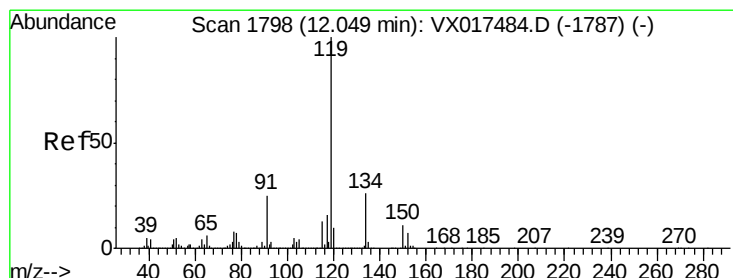
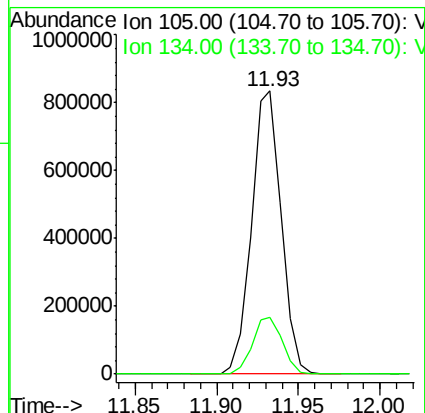
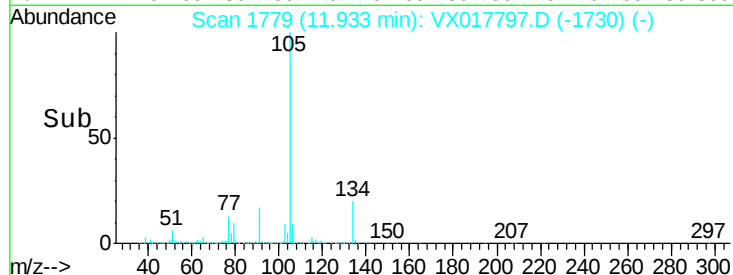
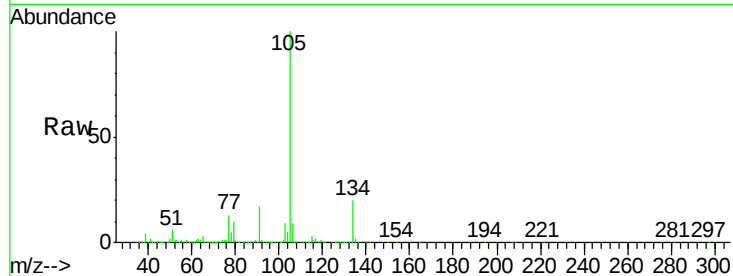
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 54.379 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

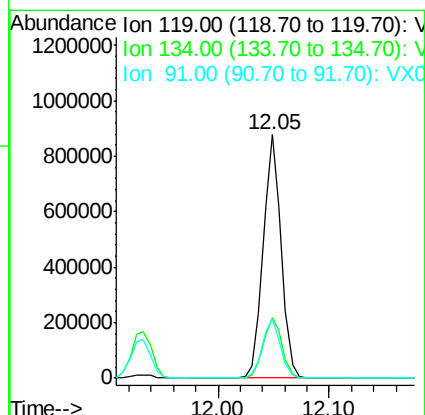
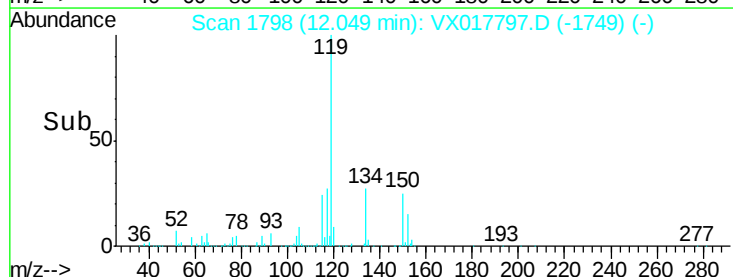
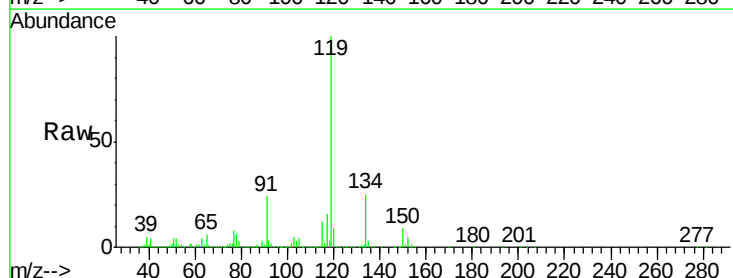
Tgt Ion:119 Resp: 991109

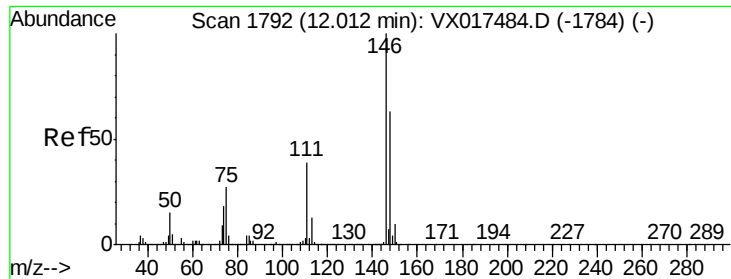
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.058 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

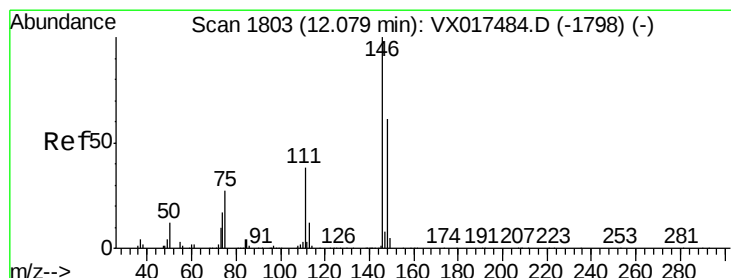
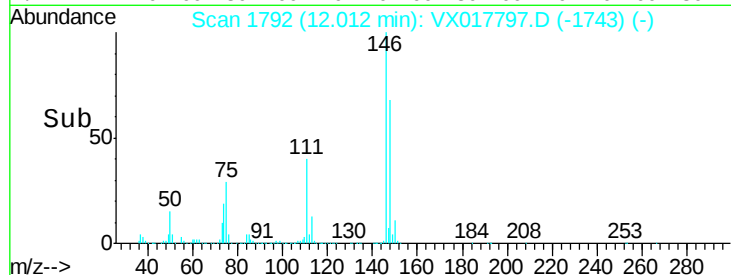
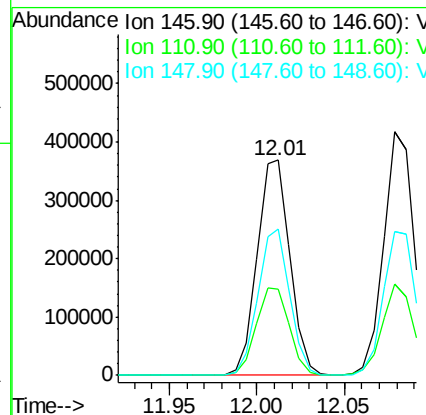
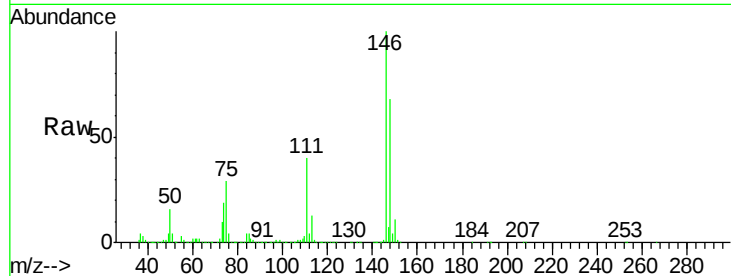
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	483948
Ion Ratio	Lower	Upper	
146	100		
111	41.4	19.9	59.7
148	66.1	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 50.449 ug/l

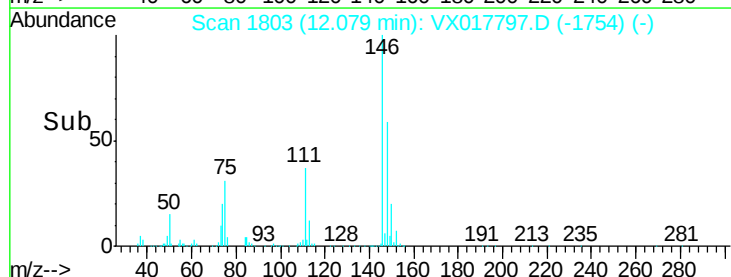
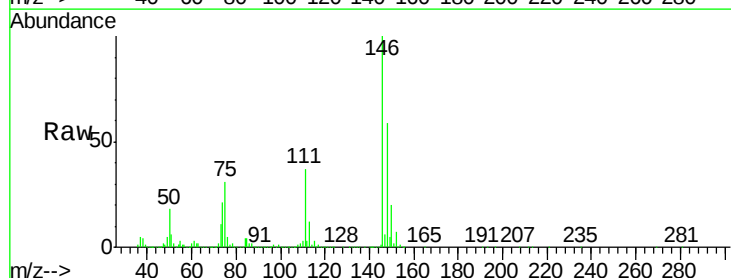
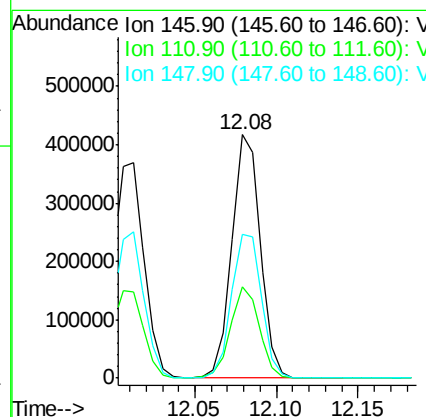
RT: 12.08 min Scan# 1803

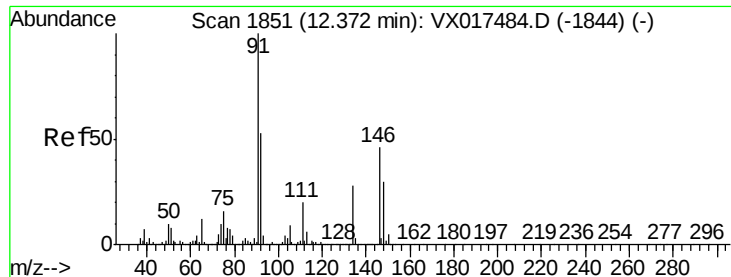
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	146	Resp:	505195
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.3	57.8
148	62.3	32.2	96.6





#89

n-Butylbenzene

Concen: 52.459 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

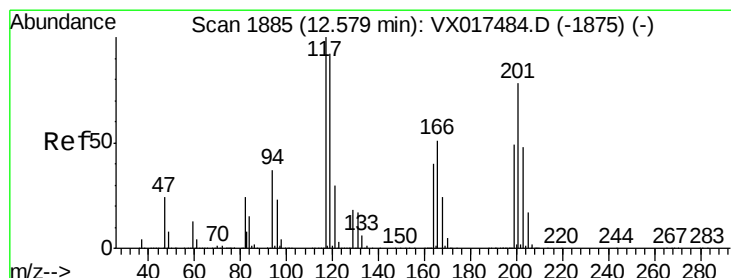
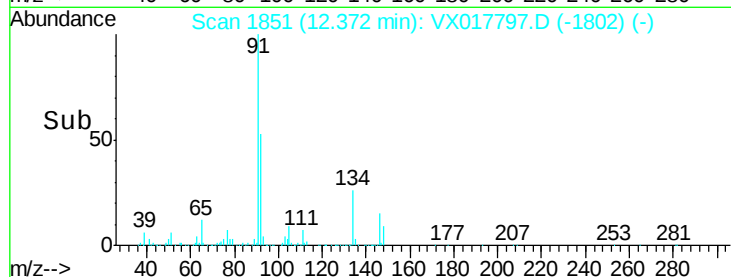
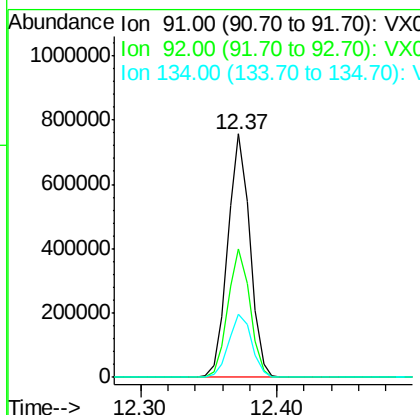
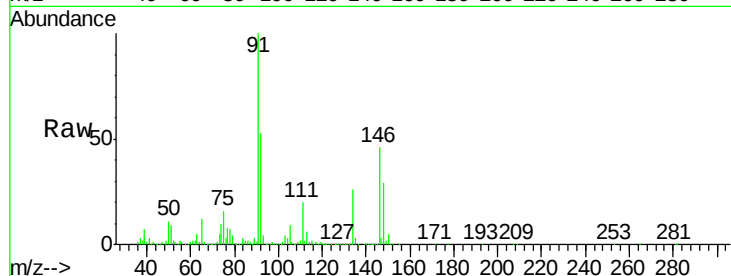
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	851953
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.7	80.1
134	26.9	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 51.362 ug/l

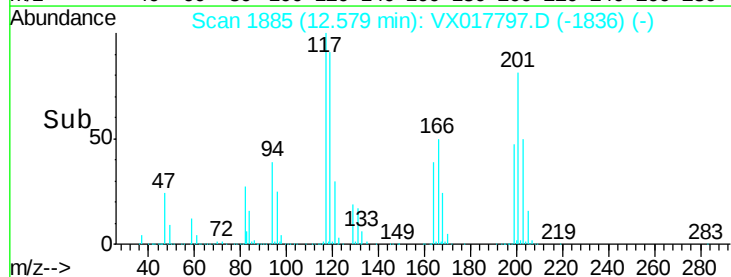
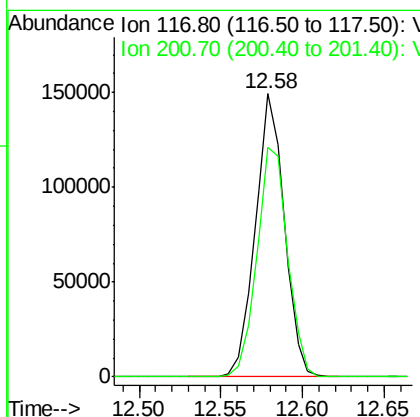
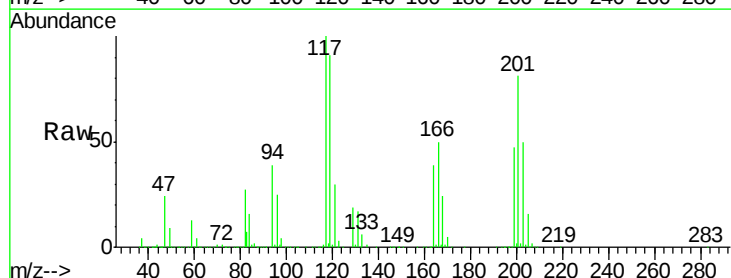
RT: 12.58 min Scan# 1885

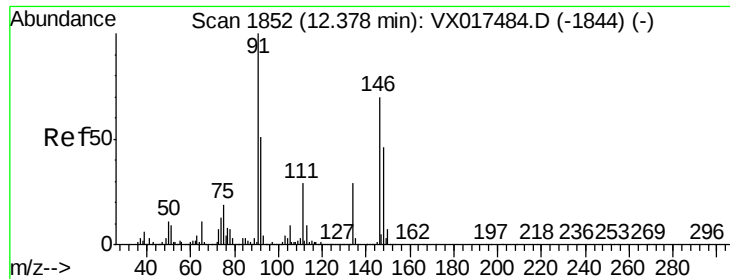
Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	117	Resp:	184555
Ion Ratio	Lower	Upper	
117	100		
201	85.8	42.2	126.6





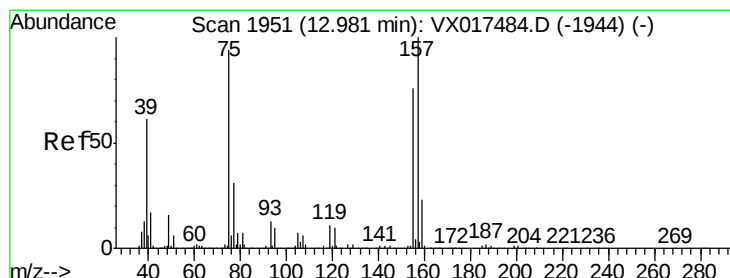
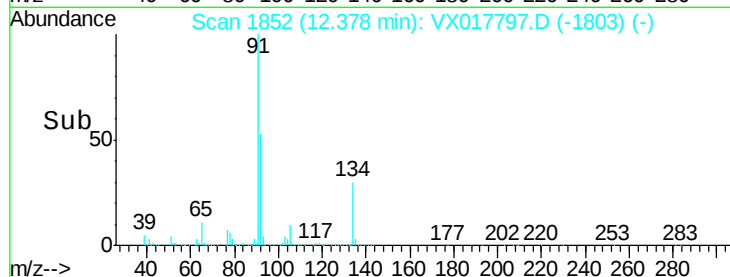
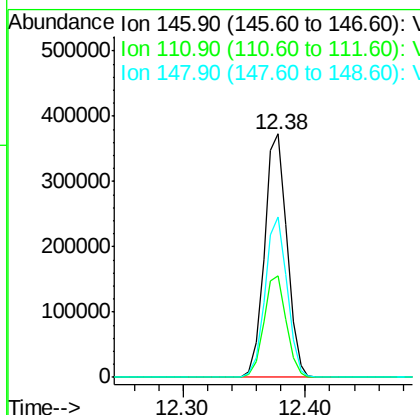
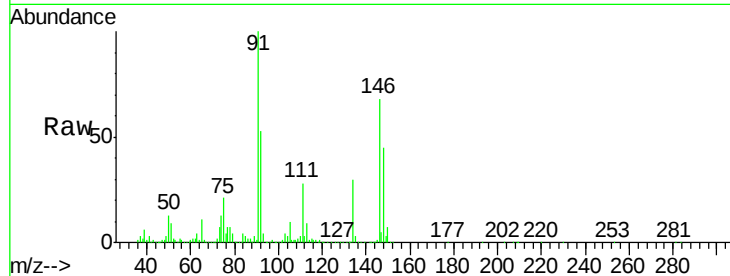
#91
 1,2-Dichlorobenzene
 Concen: 50.295 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	477892		
111	41.5	20.9	62.8	
148	64.7	32.8	98.4	

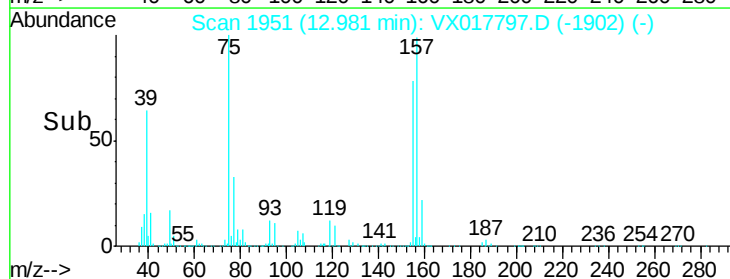
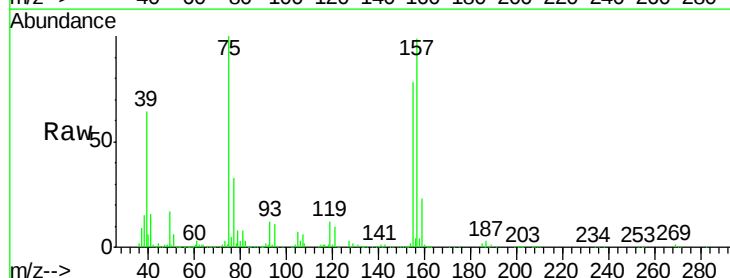
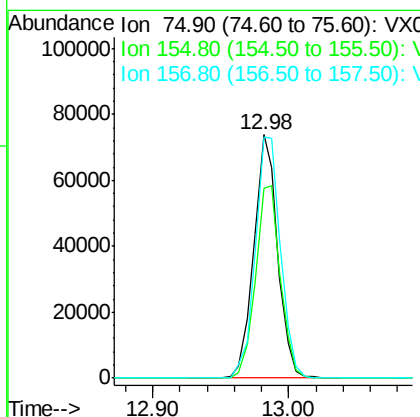
Manual Integrations
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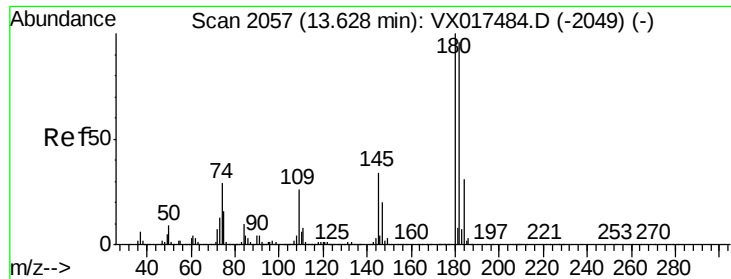
MMDadoda
 8/7/2020 4:32:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.027 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90679		
155	82.9	42.3	126.8	
157	105.7	54.3	162.9	





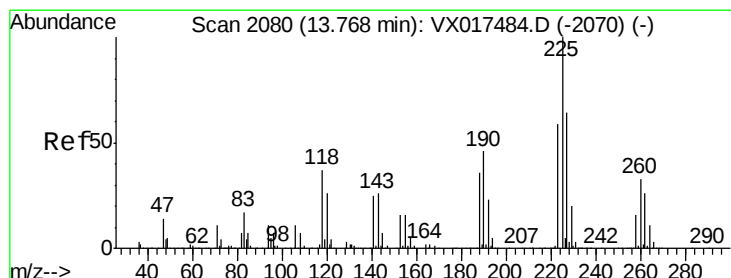
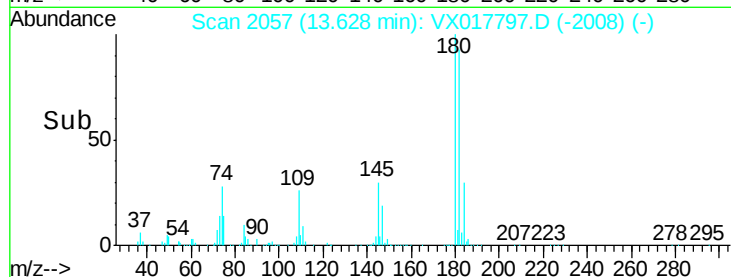
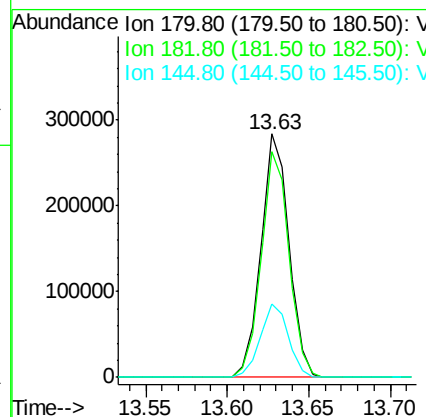
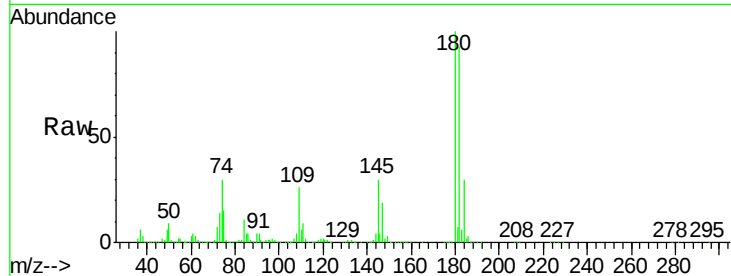
#93
 1,2,4-Trichlorobenzene
 Concen: 52.148 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	338168
Ion Ratio	Lower	Upper	
180	100		
182	92.4	47.5	142.6
145	30.4	15.4	46.4

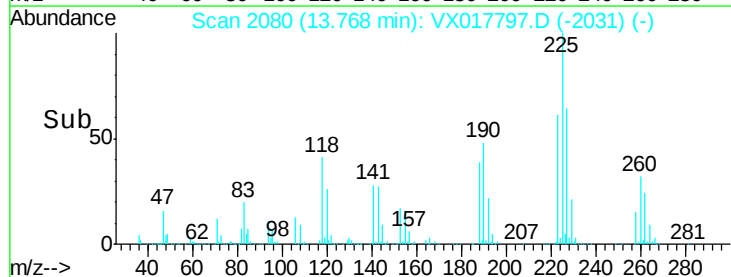
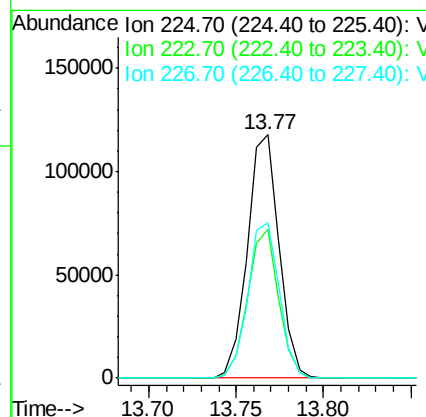
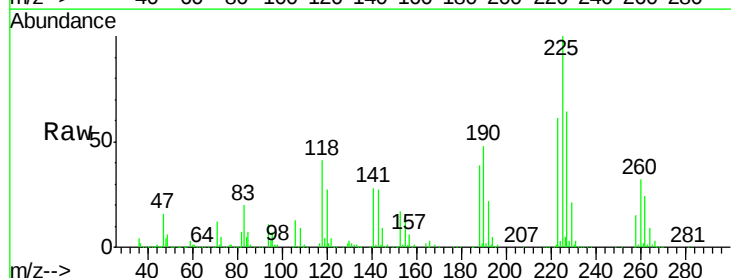
Manual Integrations
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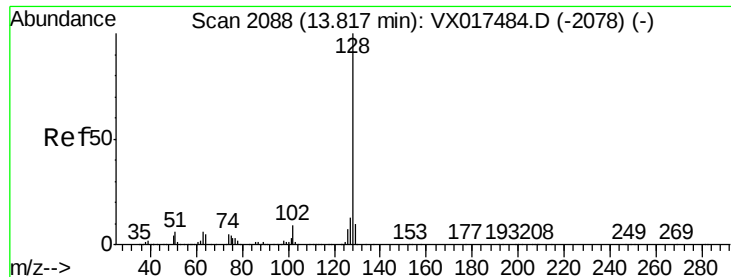
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.387 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017797.D
 Acq: 06 Aug 2020 10:08

Tgt Ion:	225	Resp:	147424
Ion Ratio	Lower	Upper	
225	100		
223	60.1	30.3	90.9
227	63.8	31.1	93.2





#95

Naphthalene

Concen: 53.648 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Instrument :

MSVOA_X

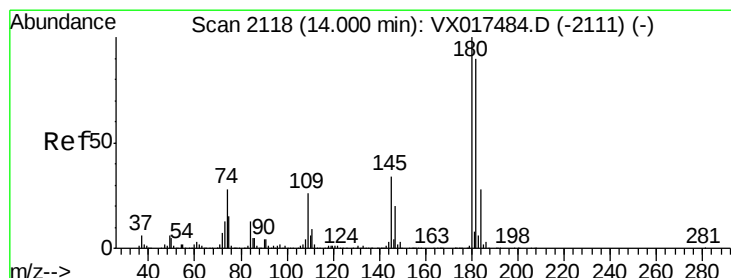
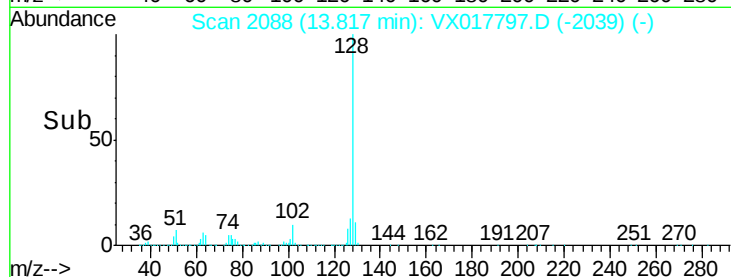
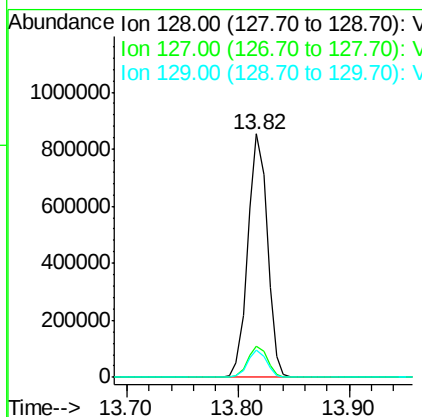
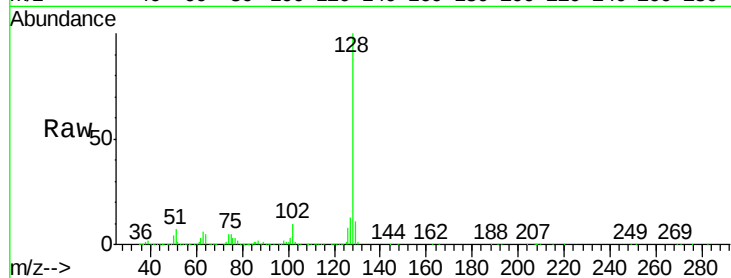
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1038541
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
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8/7/2020 4:32:32 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.581 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017797.D

Acq: 06 Aug 2020 10:08

Tgt Ion:	180	Resp:	336679
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	33.1	16.3	48.9

