

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017605.D
 Acq On : 25 Jul 2020 18:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:09 AM

Quant Time: Jul 27 04:13:03 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	532351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	841169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	823808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	358407	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.46	113	281246	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.70	98	1018604	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.12	95	418842	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	260681	52.838	ug/l	99
3) Chloromethane	1.32	50	308422	46.893	ug/l	98
4) Vinyl Chloride	1.39	62	302221	45.114	ug/l	100
5) Bromomethane	1.62	94	177107	49.135	ug/l	100
6) Chloroethane	1.71	64	185505	50.221	ug/l	98
7) Trichlorofluoromethane	1.92	101	491875	46.682	ug/l	98
8) Diethyl Ether	2.17	74	165878	48.518	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	259831	44.936	ug/l	98
10) Methyl Iodide	2.49	142	302705	40.920	ug/l	97
11) Tert butyl alcohol	3.02	59	388457	269.532	ug/l	100
12) 1,1-Dichloroethene	2.36	96	267729	48.690	ug/l	99
13) Acrolein	2.28	56	225177	205.392	ug/l	98
14) Allyl chloride	2.71	41	447869	44.607	ug/l	100
15) Acrylonitrile	3.12	53	805198	258.667	ug/l	100
16) Acetone	2.42	43	767071	254.860	ug/l	97
17) Carbon Disulfide	2.55	76	749107	44.822	ug/l	100
18) Methyl Acetate	2.75	43	359201	50.674	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	937936	49.283	ug/l	99
20) Methylene Chloride	2.84	84	303965	53.719	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	290083	49.245	ug/l	98
22) Diisopropyl ether	3.82	45	936808	51.029	ug/l	# 88
23) Vinyl Acetate	3.79	43	4223982	258.051	ug/l	99
24) 1,1-Dichloroethane	3.67	63	528667	49.990	ug/l	100
25) 2-Butanone	4.64	43	1169659	273.560	ug/l	97
26) 2,2-Dichloropropane	4.56	77	207349	21.903	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	319009	49.860	ug/l	94
28) Bromochloromethane	4.98	49	232636	48.543	ug/l	97
29) Tetrahydrofuran	5.09	42	742804	280.465	ug/l	99
30) Chloroform	5.18	83	559286	51.758	ug/l	98
31) Cyclohexane	5.55	56	431692	51.189	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	519773	51.010	ug/l	100
36) 1,1-Dichloropropene	5.77	75	401641	49.785	ug/l	99
37) Ethyl Acetate	4.80	43	450838	51.074	ug/l	99
38) Carbon Tetrachloride	5.76	117	481092	49.106	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	425620	45.193	ug/l	97
40) Benzene	6.12	78	1136960	49.157	ug/l	98
41) Methacrylonitrile	5.01	41	243107	48.048	ug/l	97
42) 1,2-Dichloroethane	6.17	62	476212	50.327	ug/l	99
43) Isopropyl Acetate	6.42	43	727802	49.972	ug/l	100
44) Trichloroethene	7.19	130	334704	49.517	ug/l	99
45) 1,2-Dichloropropane	7.49	63	305883	47.706	ug/l	99
46) Dibromomethane	7.64	93	217355	47.967	ug/l	99
47) Bromodichloromethane	7.88	83	455351	49.942	ug/l	99
48) Methyl methacrylate	7.74	41	367521	50.907	ug/l	99
49) 1,4-Dioxane	7.71	88	162118	1171.264	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2317149	266.647	ug/l	99
52) Toluene	8.77	92	746692	50.339	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	446860	43.782	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	465166	44.683	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	309098	50.022	ug/l	96
56) Ethyl methacrylate	9.16	69	487339	52.349	ug/l	99
57) 1,3-Dichloropropane	9.35	76	516700	50.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1206325	245.957	ug/l	100
59) 2-Hexanone	9.48	43	1805131	275.906	ug/l	99
60) Dibromochloromethane	9.57	129	392578	49.986	ug/l	99
61) 1,2-Dibromoethane	9.65	107	340456	51.751	ug/l	98
64) Tetrachloroethene	9.32	164	337073	45.588	ug/l	99
65) Chlorobenzene	10.12	112	842488	47.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	336537	46.763	ug/l	99
67) Ethyl Benzene	10.24	91	1444860	48.541	ug/l	100
68) m/p-Xylenes	10.34	106	1110373	96.294	ug/l	97
69) o-Xylene	10.68	106	536829	48.405	ug/l	100
70) Styrene	10.70	104	939457	49.788	ug/l	100
71) Bromoform	10.84	173	301865	48.415	ug/l #	97
73) Isopropylbenzene	11.00	105	1463256	46.846	ug/l	99
74) N-amyl acetate	10.88	43	679915	48.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	456789	46.852	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	440975m	47.082	ug/l	
77) Bromobenzene	11.24	156	403800	46.178	ug/l	99
78) n-propylbenzene	11.35	91	1654364	46.961	ug/l	99
79) 2-Chlorotoluene	11.40	91	1021661	46.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1256223	47.104	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	133194	35.833	ug/l	99
82) 4-Chlorotoluene	11.49	91	1215391	47.213	ug/l	100
83) tert-Butylbenzene	11.76	119	1235953	48.433	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1302976	49.121	ug/l	99
85) sec-Butylbenzene	11.93	105	1433277	48.214	ug/l	100
86) p-Isopropyltoluene	12.05	119	1351227	47.731	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	702170	46.760	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	712182	45.787	ug/l	99
89) n-Butylbenzene	12.37	91	1110627	44.028	ug/l	99
90) Hexachloroethane	12.58	117	261002	46.764	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	675472	45.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	119757	43.772	ug/l	99

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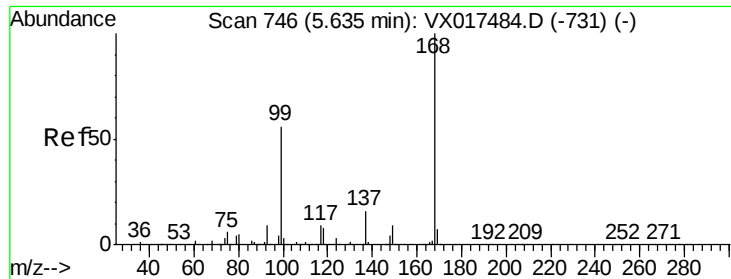
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	466378	46.302	ug/l	99
94) Hexachlorobutadiene	13.77	225	200680	43.282	ug/l	99
95) Naphthalene	13.82	128	1528143	50.822	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	475588	47.819	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 532351

Ion Ratio Lower Upper

168 100

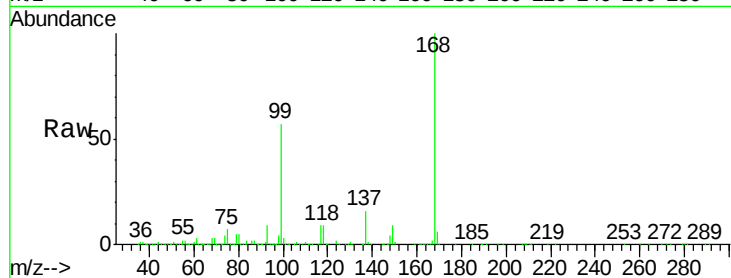
99 56.8 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

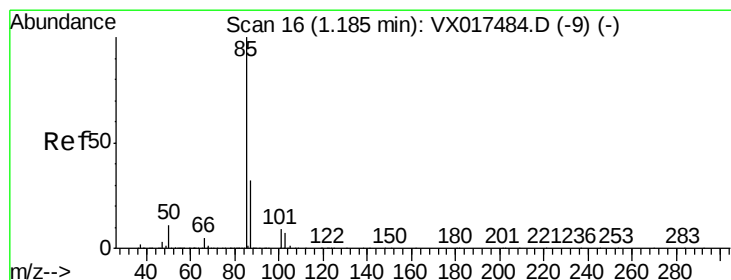
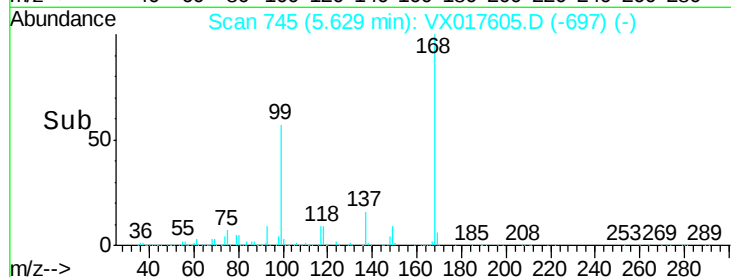
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50000

0

5.50 5.63 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.838 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017605.D

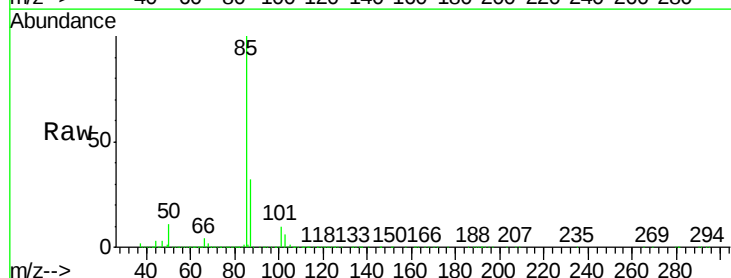
Acq: 25 Jul 2020 18:40

Tgt Ion: 85 Resp: 260681

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

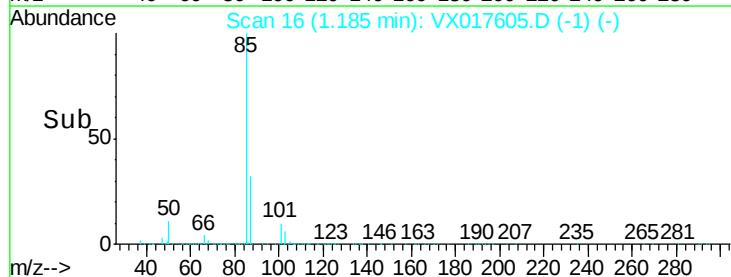
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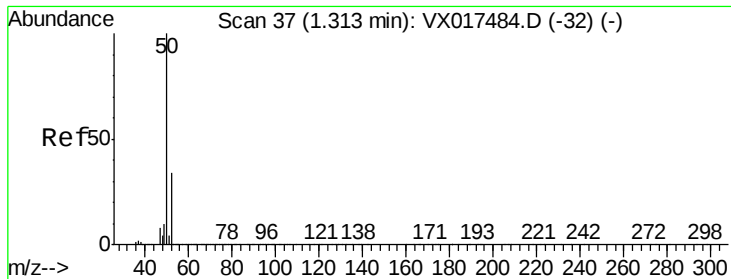
100000

0

1.10 1.15 1.18 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 46.893 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 308422

Ion Ratio Lower Upper

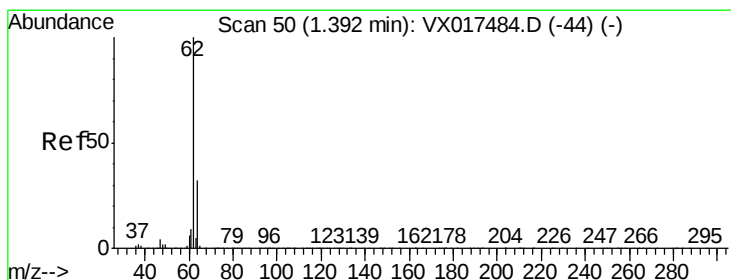
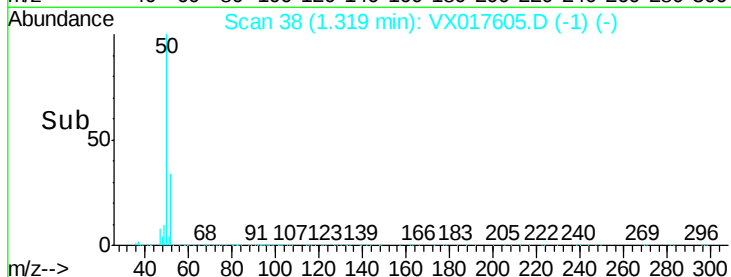
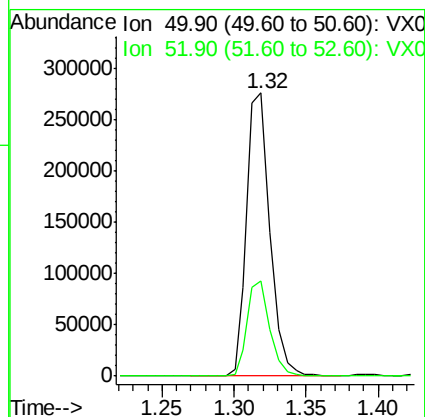
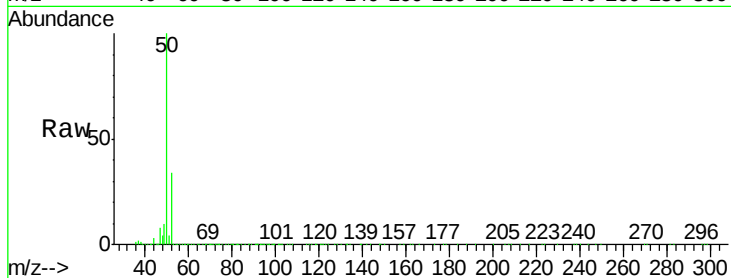
50 100

52 33.8 25.9 38.9

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#4

Vinyl Chloride

Concen: 45.114 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017605.D

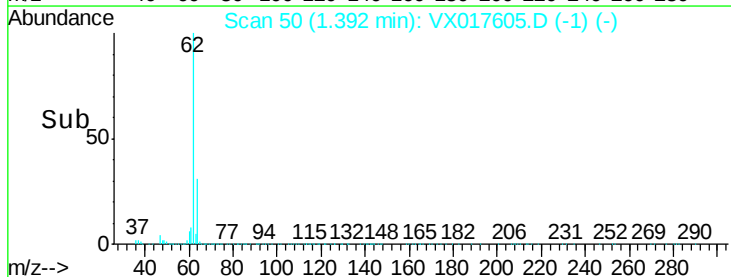
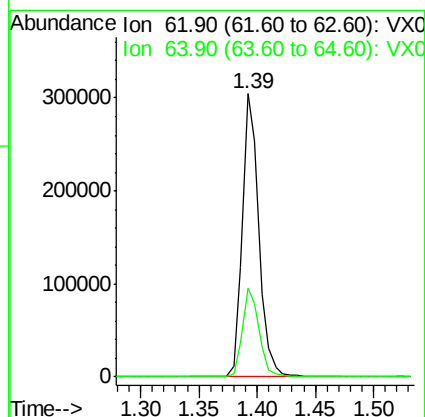
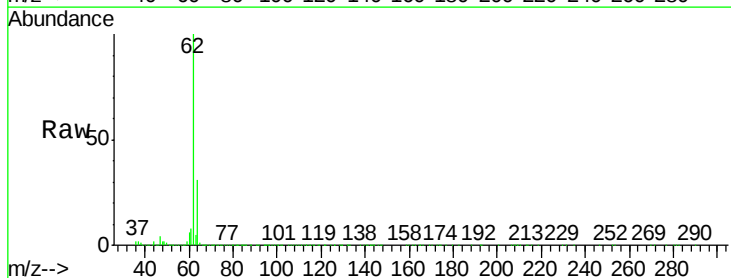
Acq: 25 Jul 2020 18:40

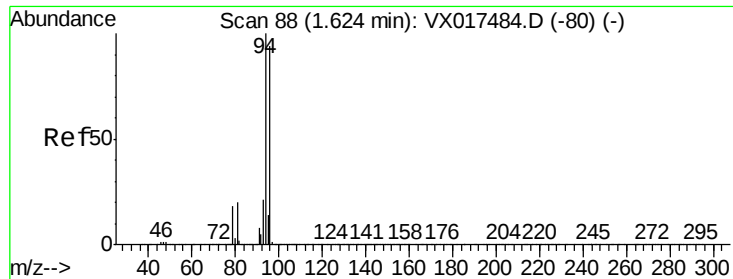
Tgt Ion: 62 Resp: 302221

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 49.135 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 177107

Ion Ratio Lower Upper

94 100

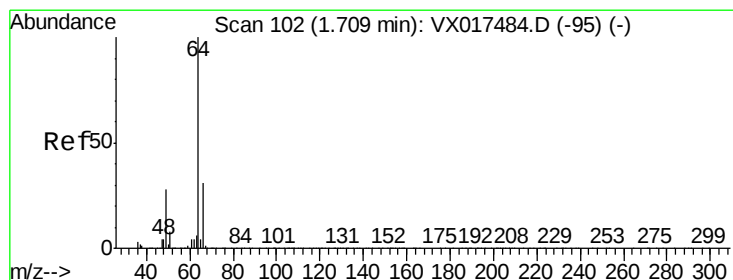
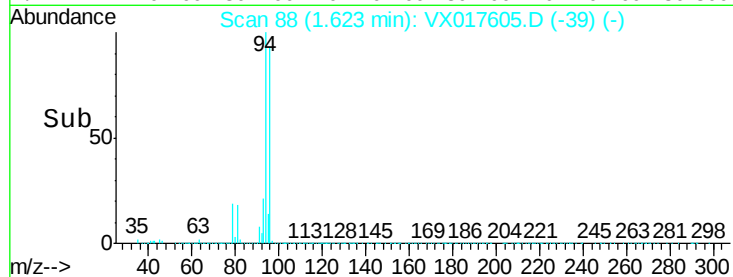
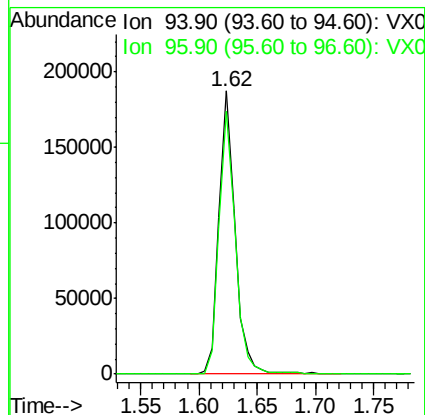
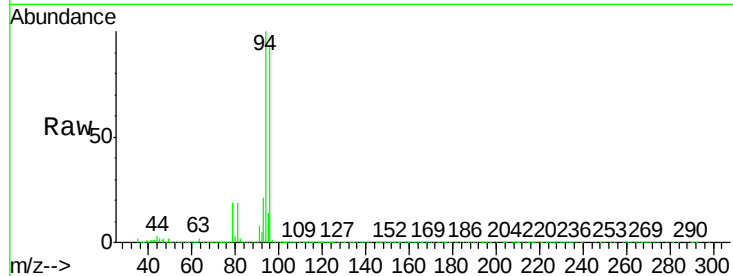
96 93.0 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 50.221 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017605.D

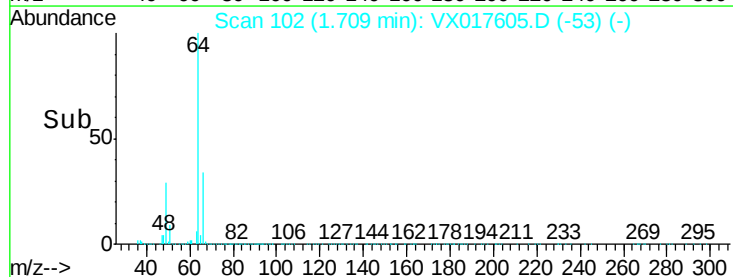
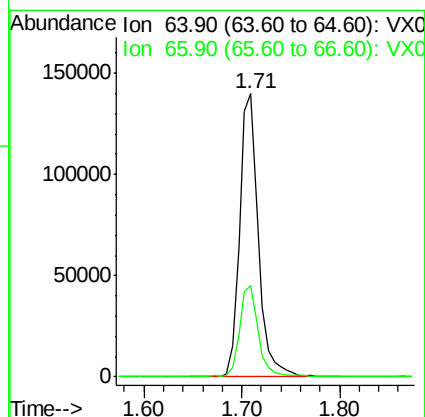
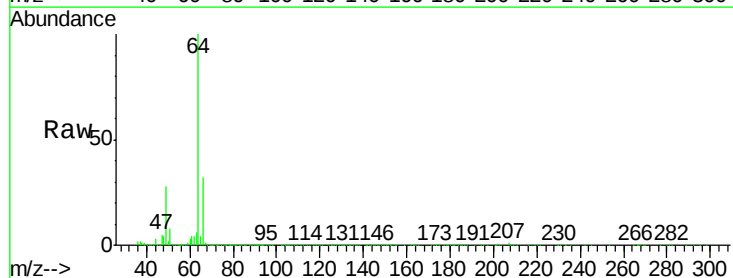
Acq: 25 Jul 2020 18:40

Tgt Ion: 64 Resp: 185505

Ion Ratio Lower Upper

64 100

66 32.1 24.9 37.3





#7

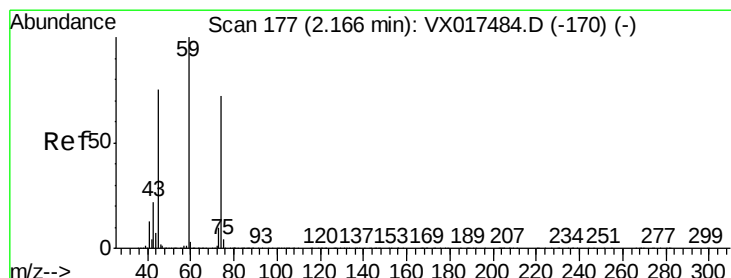
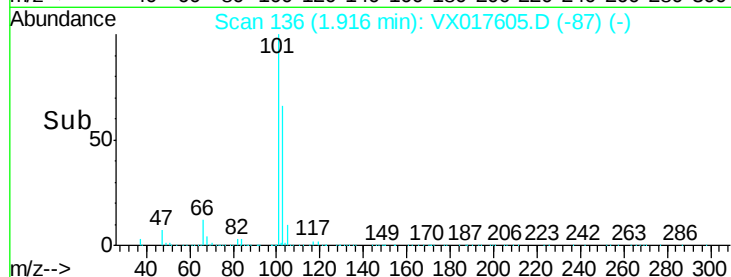
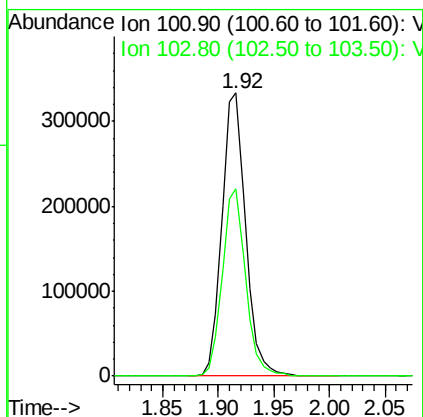
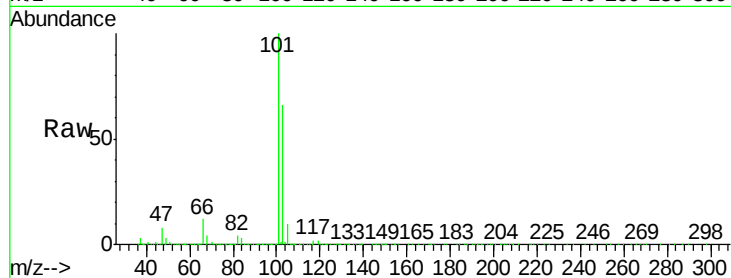
Trichlorofluoromethane
Concen: 46.682 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017605.D
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.8	77.8

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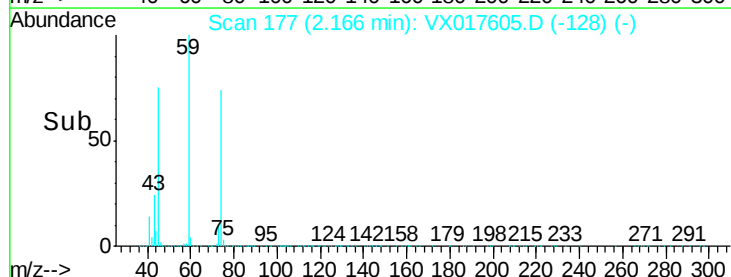
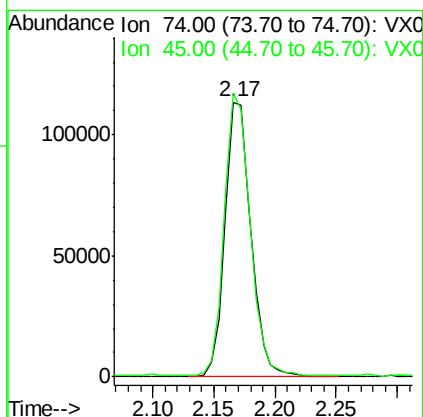
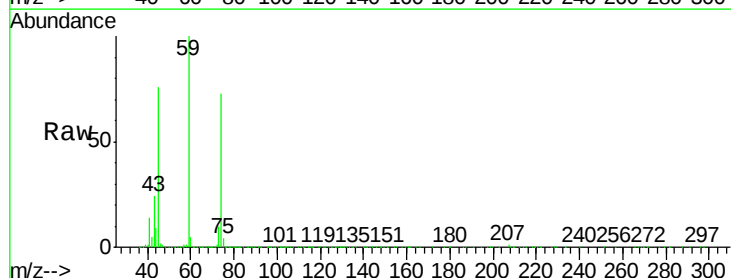
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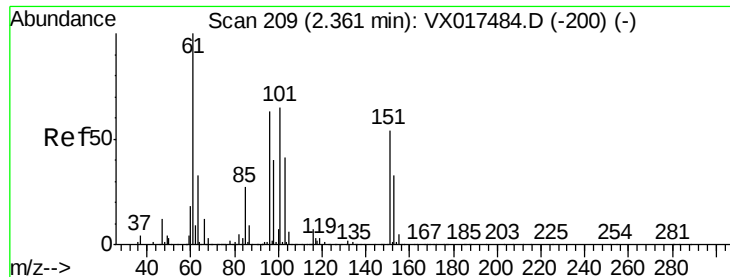


#8

Diethyl Ether
Concen: 48.518 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.936 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

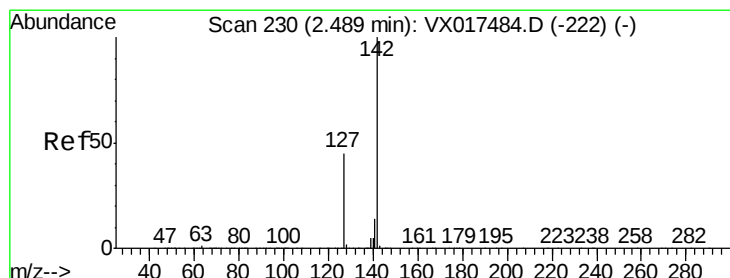
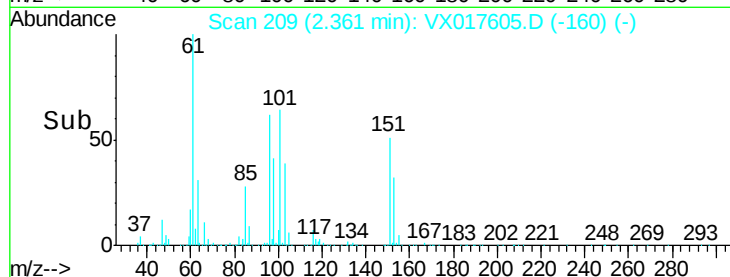
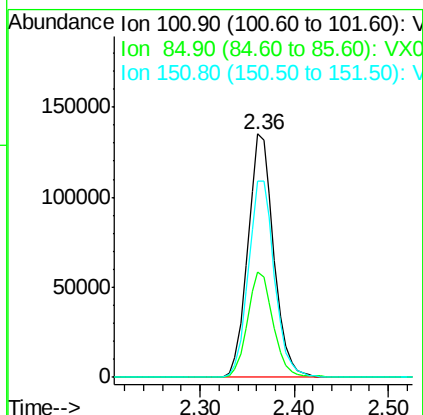
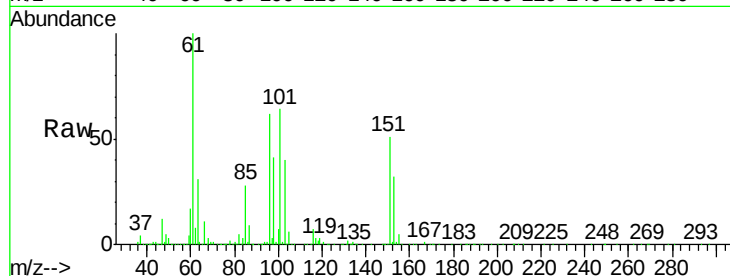
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	259831
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.8	52.2
151	82.0	68.0	102.0

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#10

Methyl Iodide

Concen: 40.920 ug/l

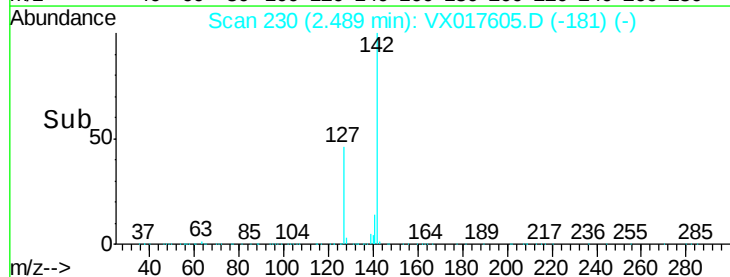
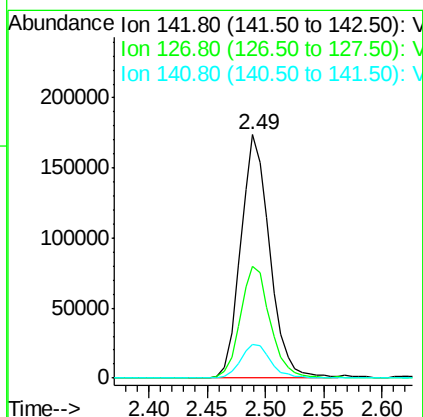
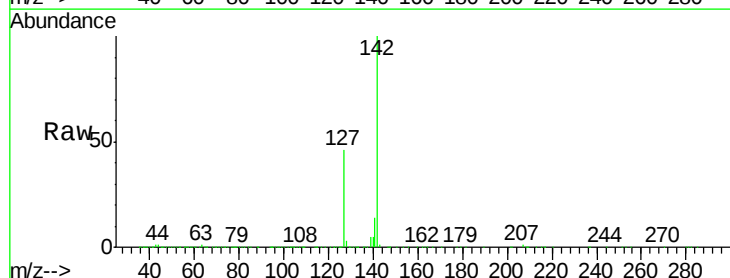
RT: 2.49 min Scan# 230

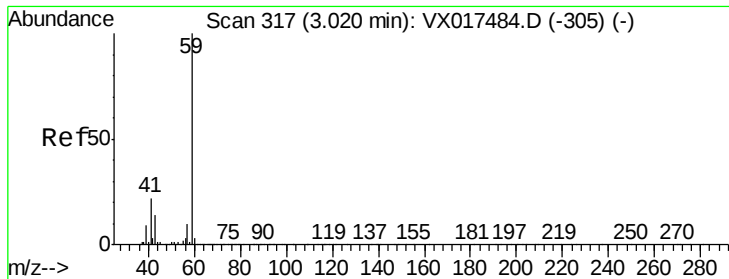
Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion:	142	Resp:	302705
Ion Ratio	Lower	Upper	
142	100		
127	47.1	35.9	53.9
141	14.5	11.4	17.0





#11

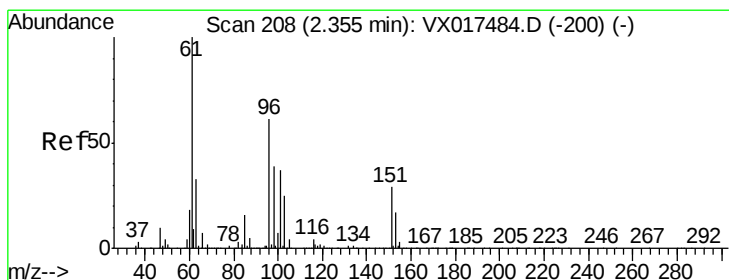
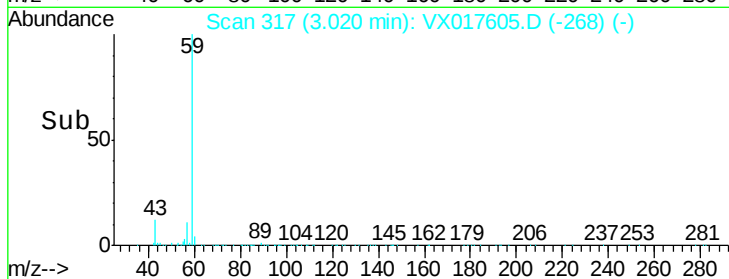
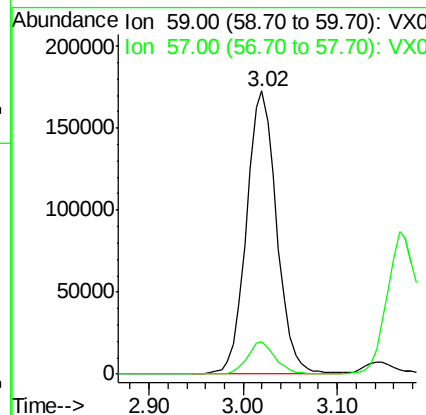
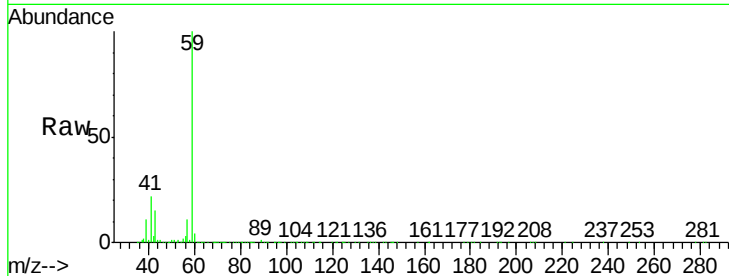
Tert butyl alcohol
Concen: 269.532 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 388457
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

Manual Integrations
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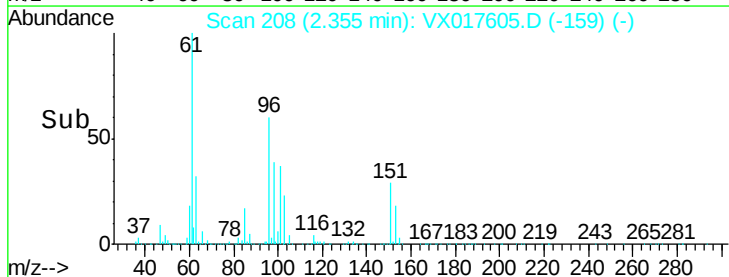
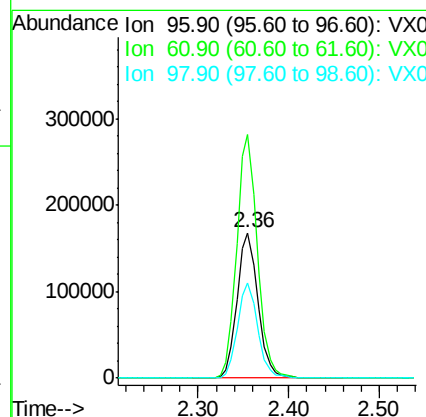
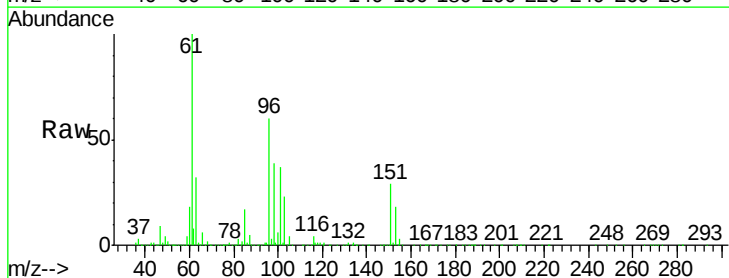
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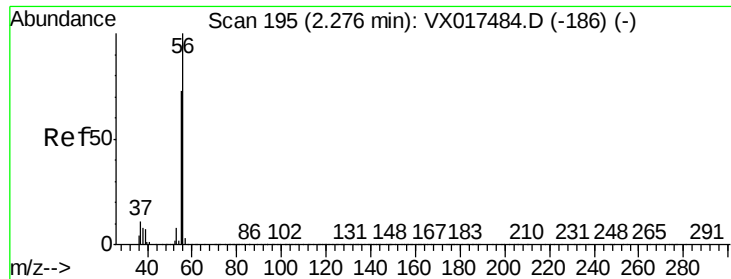


#12

1,1-Dichloroethene
Concen: 48.690 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 96 Resp: 267729
Ion Ratio Lower Upper
96 100
61 167.4 134.0 201.0
98 65.7 51.0 76.4





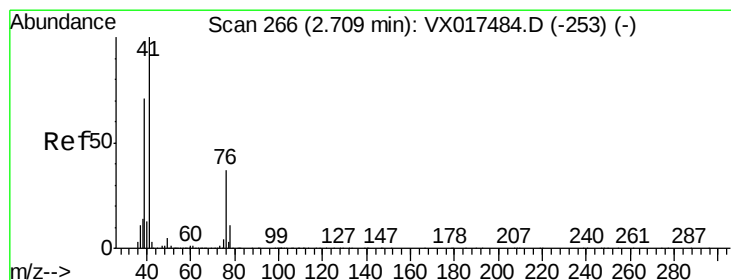
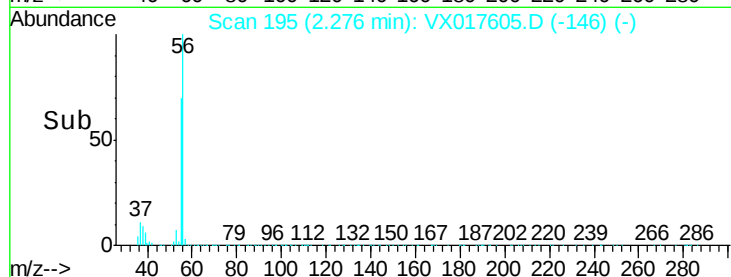
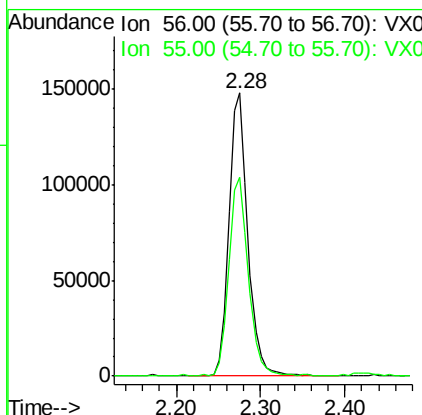
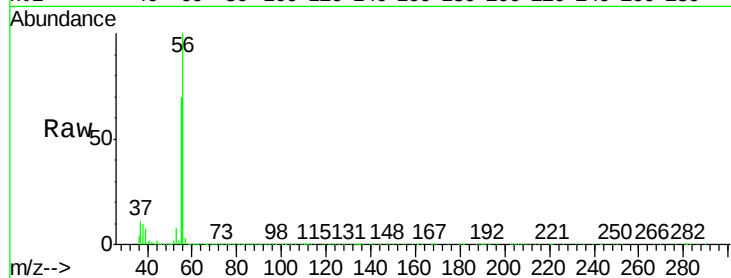
#13
Acrolein
Concen: 205.392 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.3	57.4	86.2

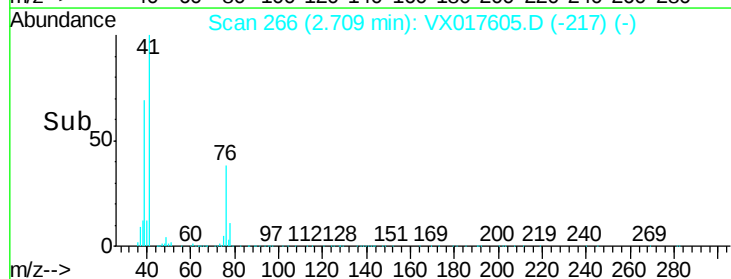
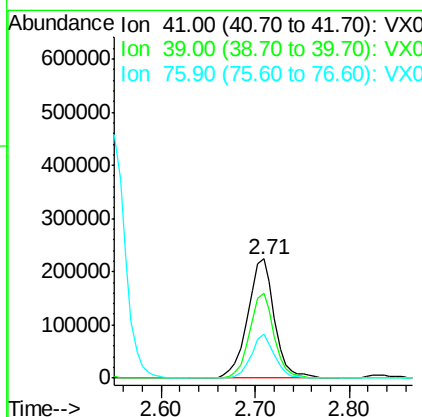
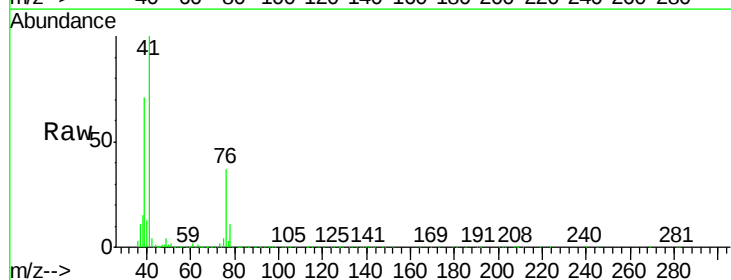
Manual Integrations
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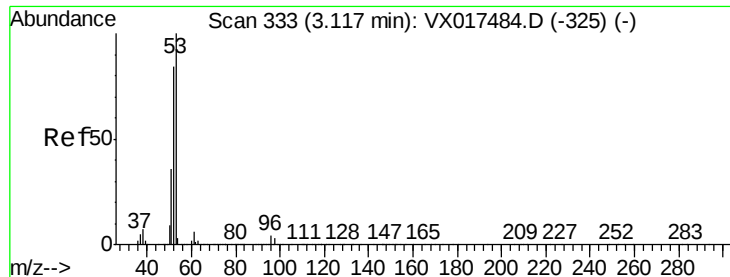
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#14
Allyl chloride
Concen: 44.607 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.9	51.9	77.9
76	31.9	25.5	38.3





#15

Acrylonitrile

Concen: 258.667 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

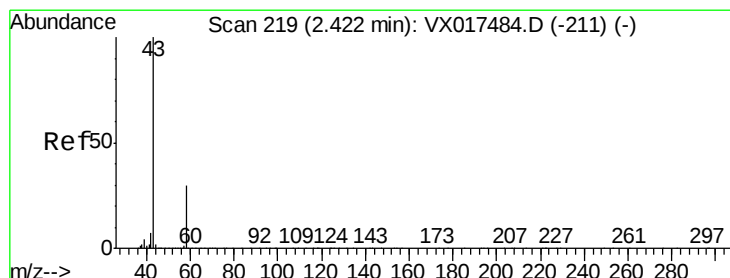
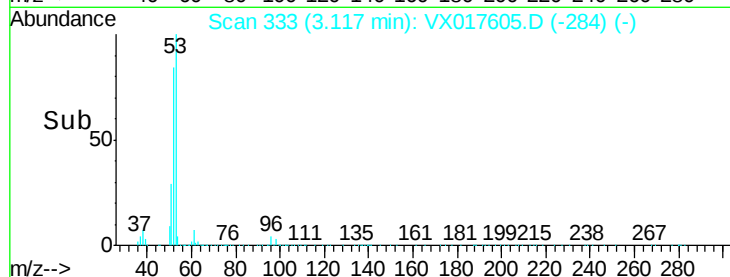
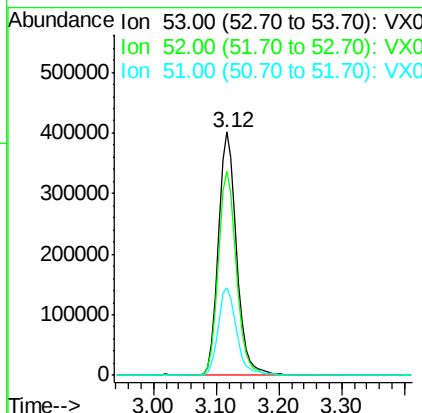
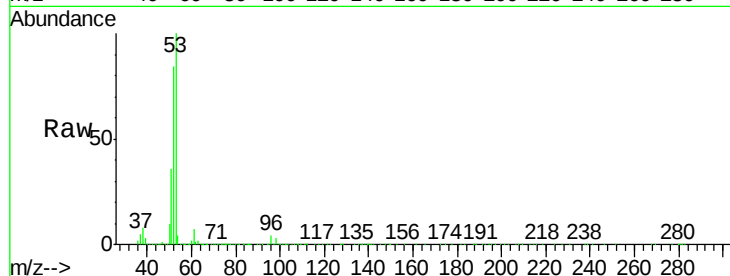
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	805198
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	99.8
51	36.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 254.860 ug/l

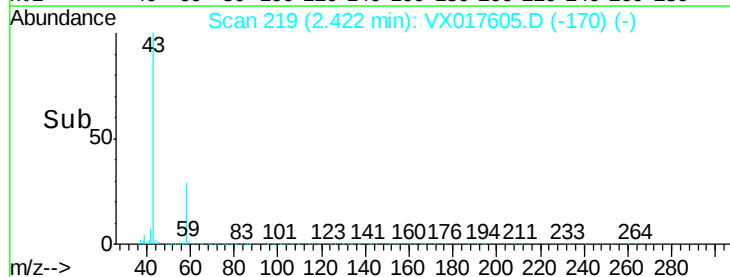
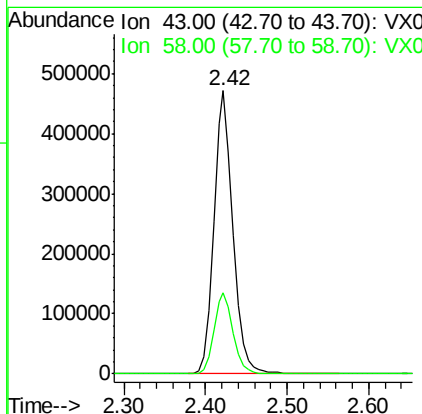
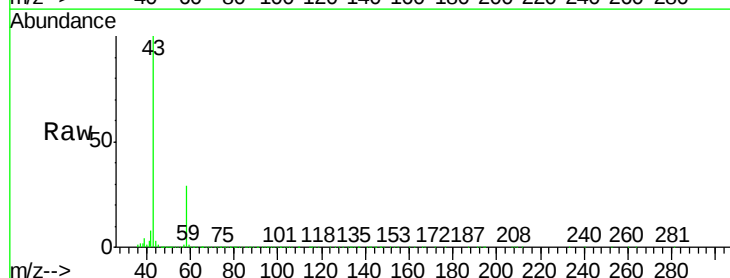
RT: 2.42 min Scan# 219

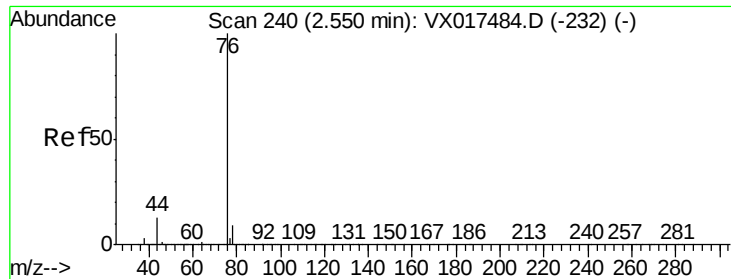
Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion:	43	Resp:	767071
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.2	36.4





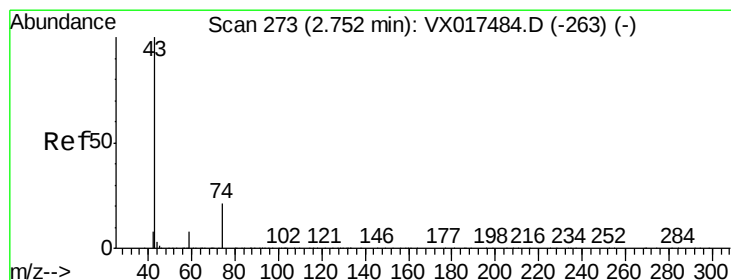
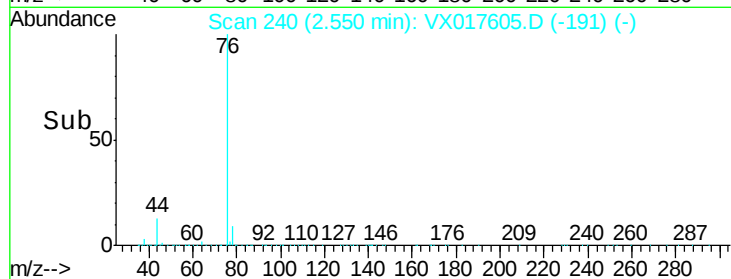
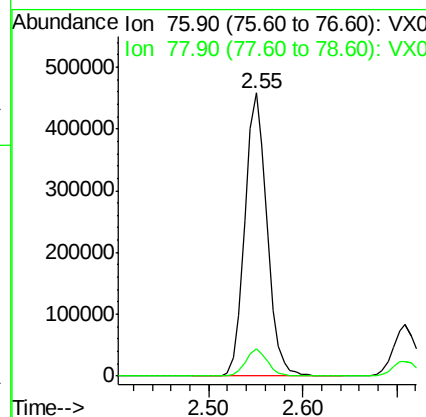
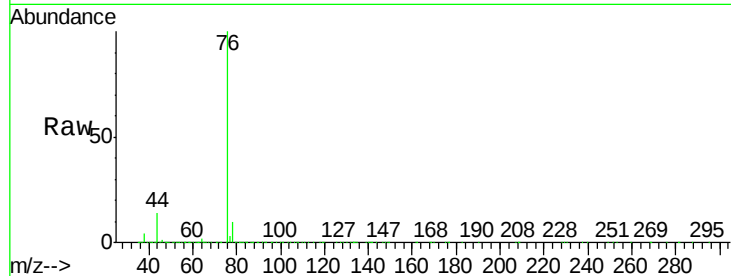
#17
Carbon Disulfide
Concen: 44.822 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

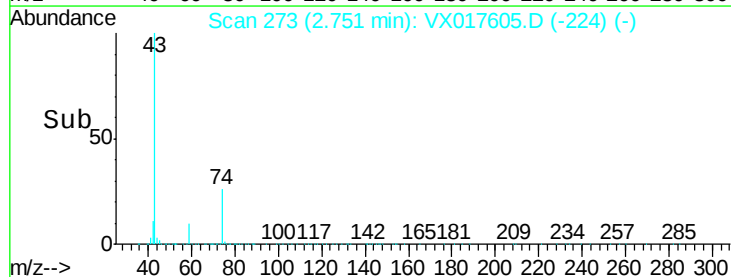
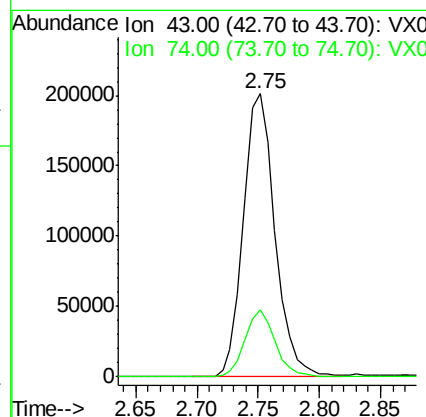
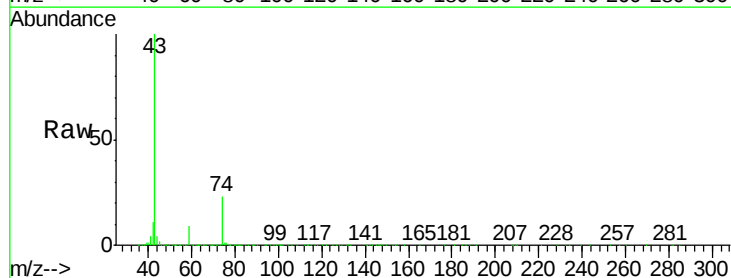
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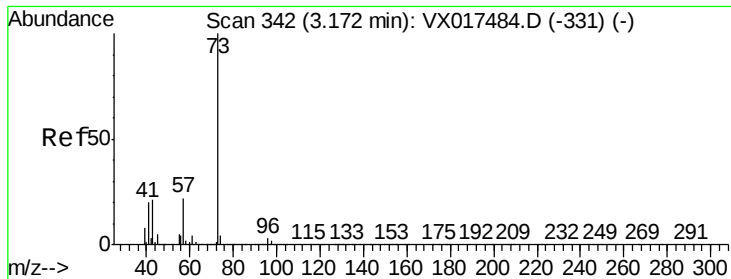
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#18
Methyl Acetate
Concen: 50.674 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.5	26.3





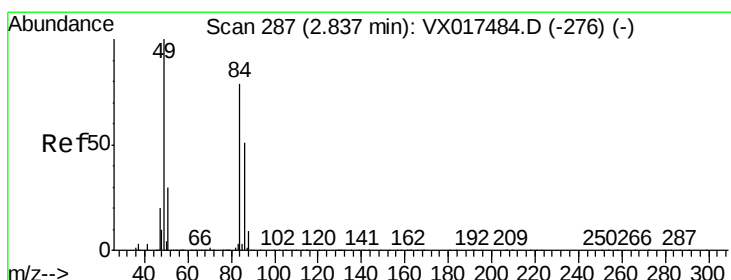
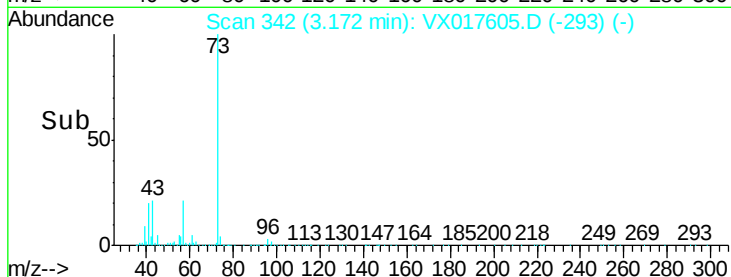
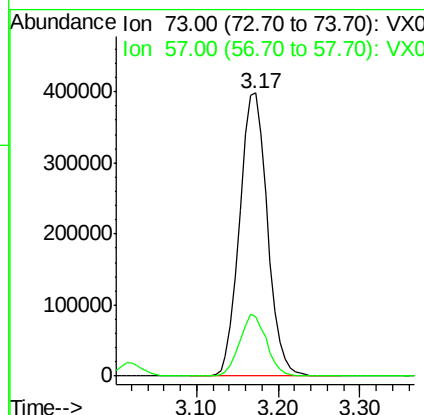
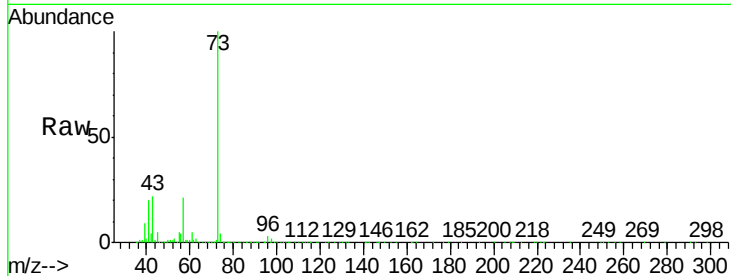
#19
Methyl tert-butyl Ether
Concen: 49.283 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 937936
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4

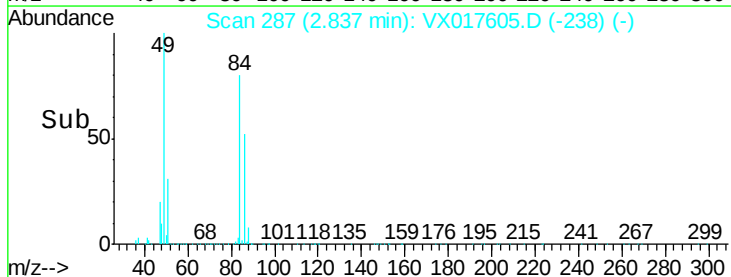
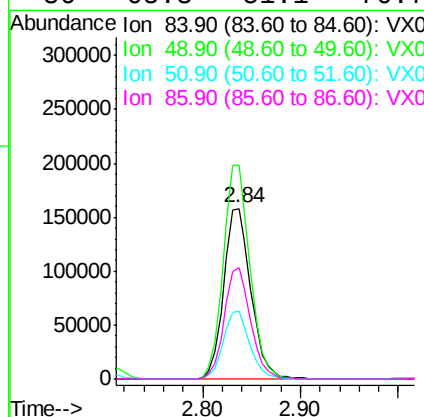
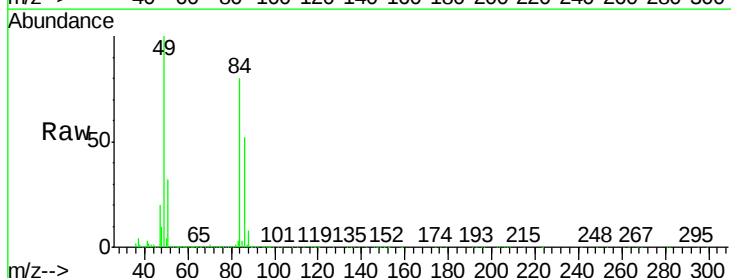
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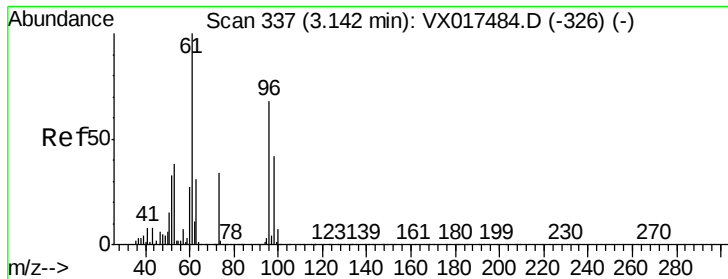
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#20
Methylene Chloride
Concen: 53.719 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 84 Resp: 303965
Ion Ratio Lower Upper
84 100
49 125.0 100.3 150.5
51 39.3 30.5 45.7
86 65.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.245 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 290083

Ion Ratio Lower Upper

96 100

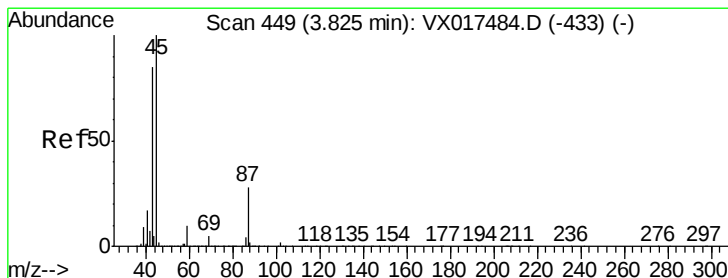
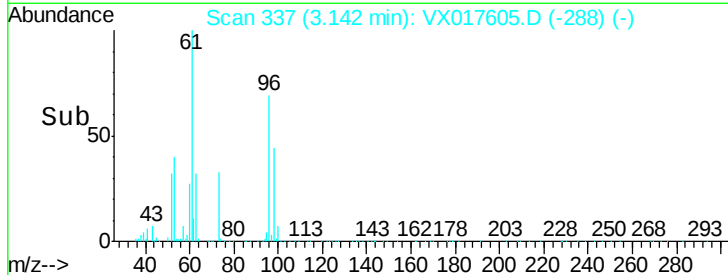
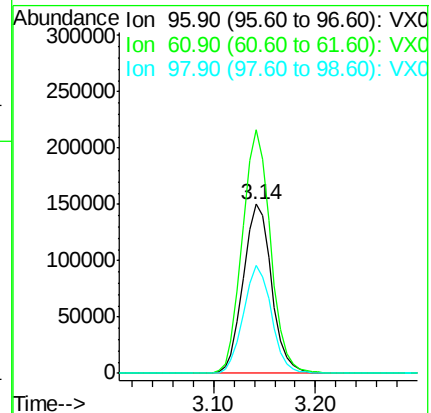
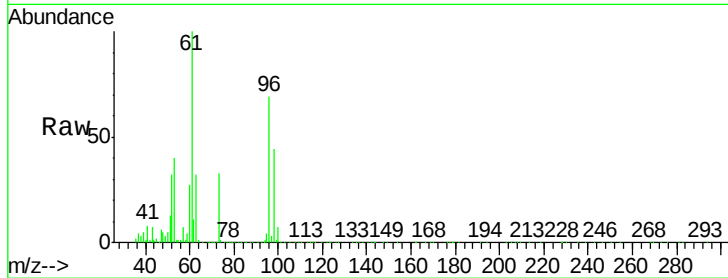
61 143.8 113.0 169.4

98 63.7 51.8 77.8

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7/27/2020 11:02:09 AM



#22

Diisopropyl ether

Concen: 51.029 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion: 45 Resp: 936808

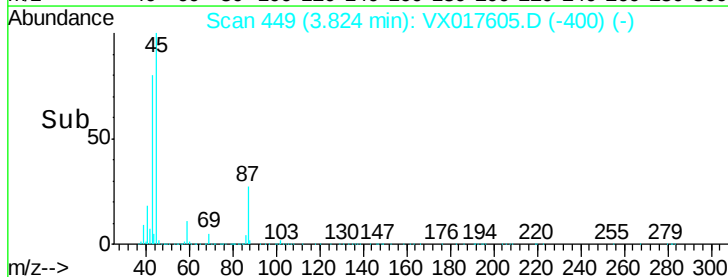
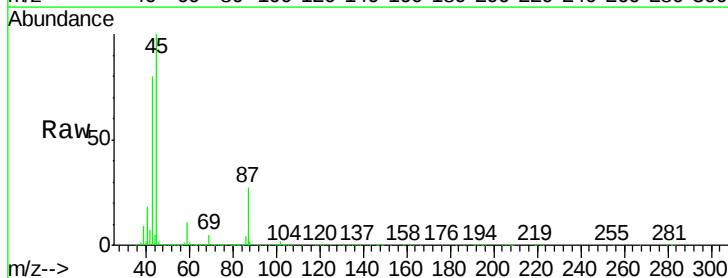
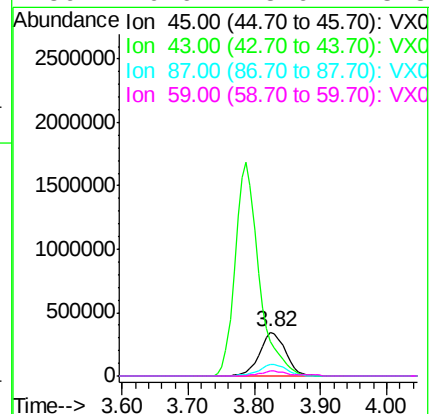
Ion Ratio Lower Upper

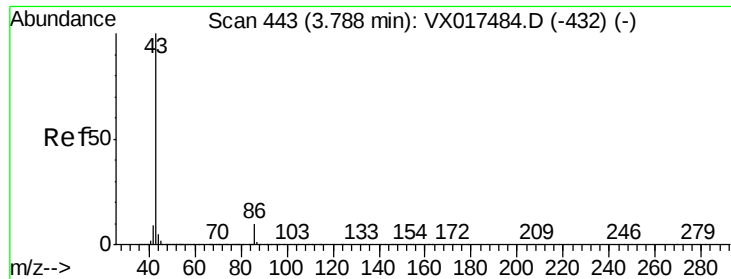
45 100

43 79.8 52.0 78.0#

87 27.1 22.2 33.4

59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 258.051 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 4223982

Ion Ratio Lower Upper

43 100

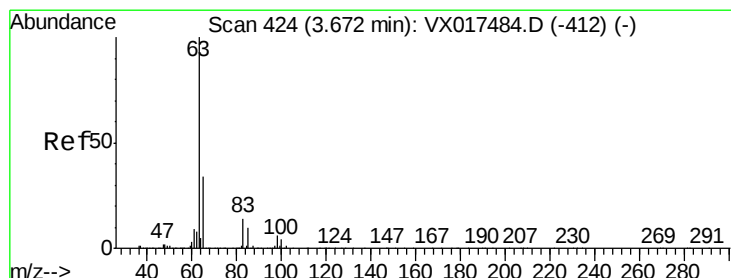
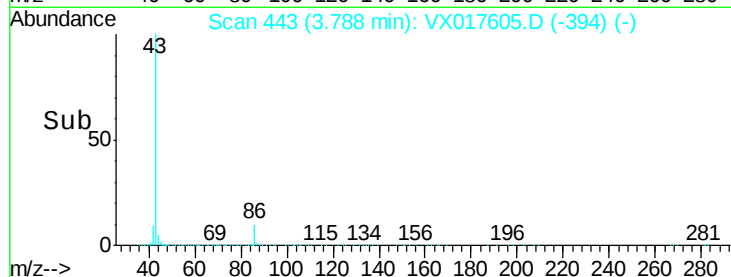
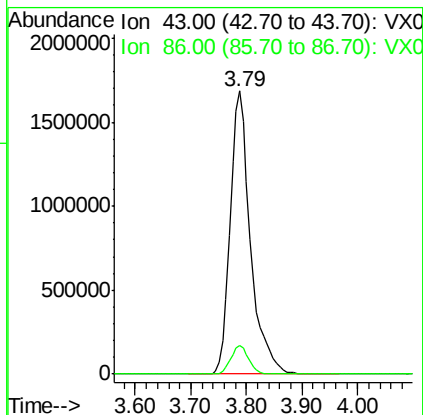
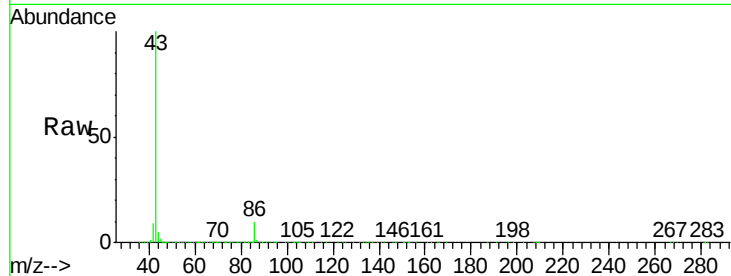
86 10.0 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 49.990 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

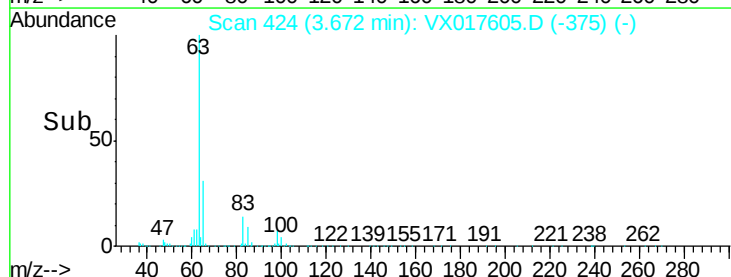
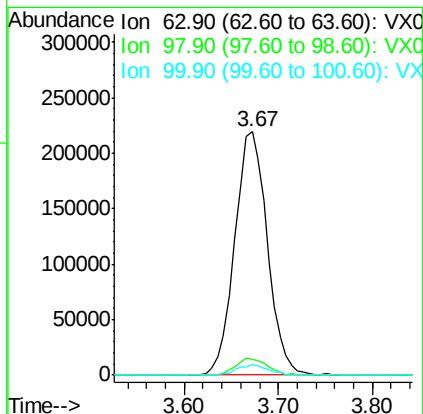
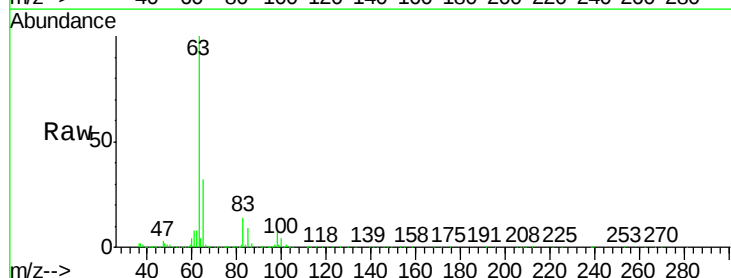
Tgt Ion: 63 Resp: 528667

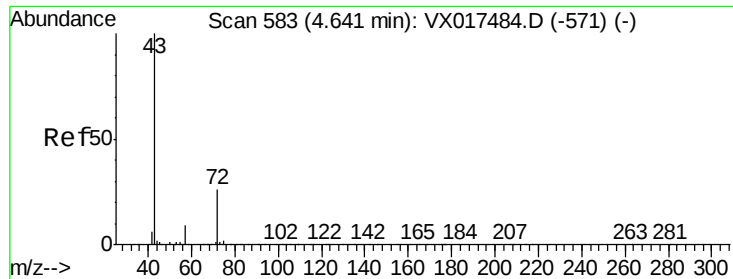
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.1 1.9 5.7





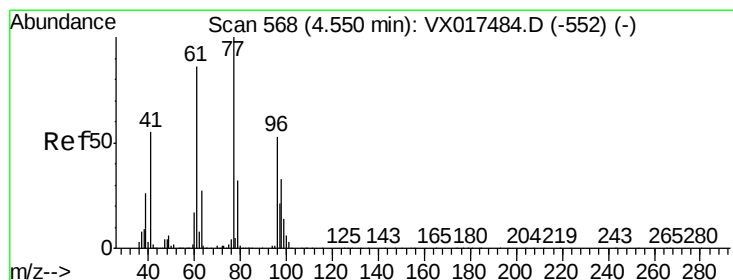
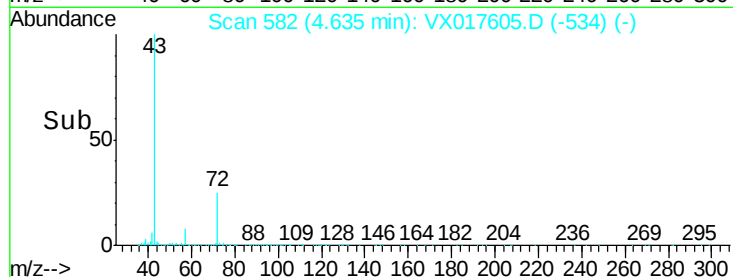
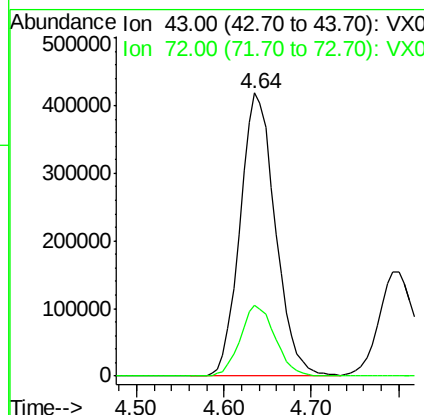
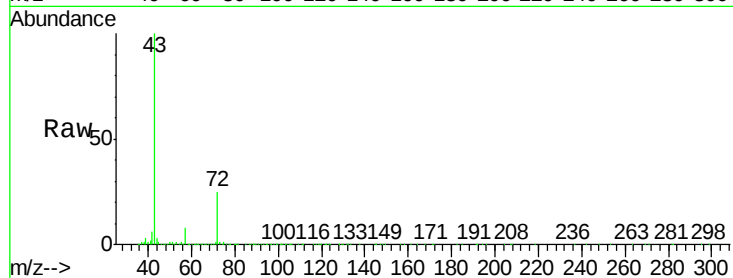
#25
2-Butanone
Concen: 273.560 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1169659
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.4

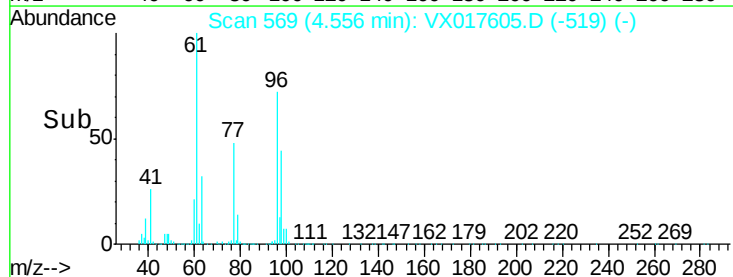
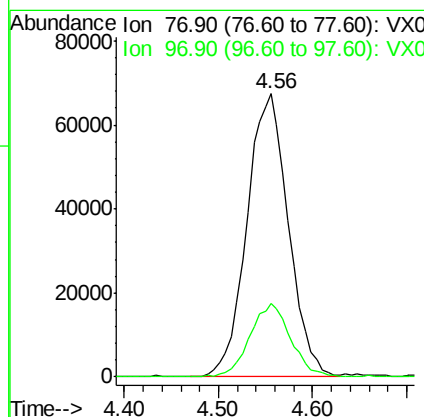
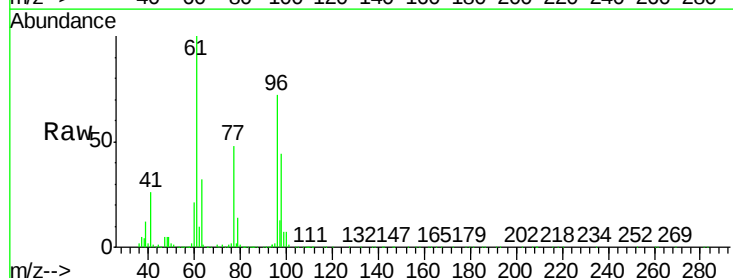
Manual Integrations
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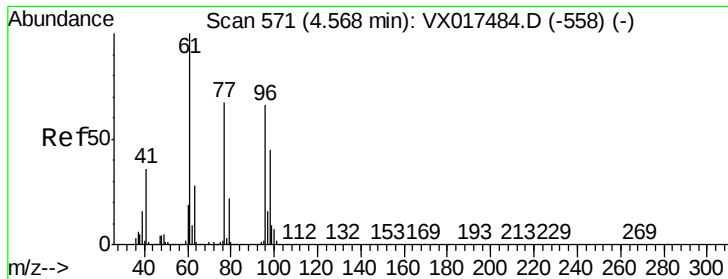
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#26
2,2-Dichloropropane
Concen: 21.903 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 77 Resp: 207349
Ion Ratio Lower Upper
77 100
97 25.5 10.9 32.9





#27

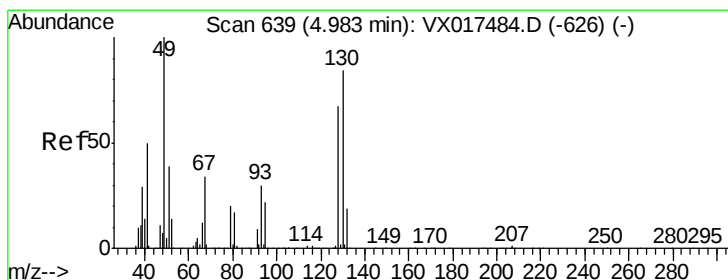
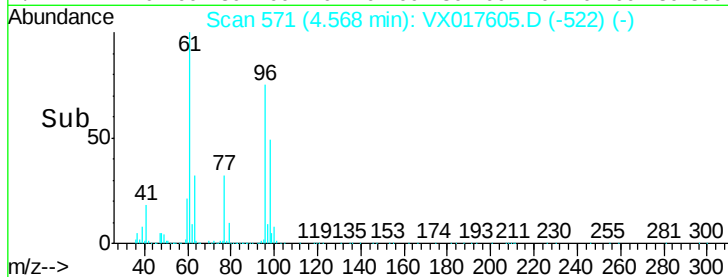
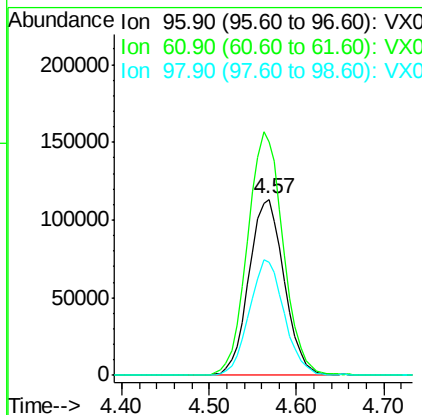
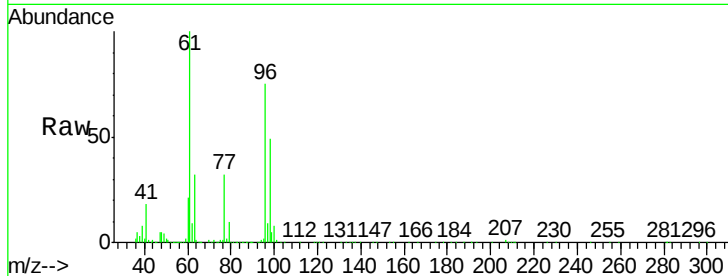
cis-1,2-Dichloroethene
Concen: 49.860 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	301.2
98	64.8	0.0	130.0

Manual Integrations
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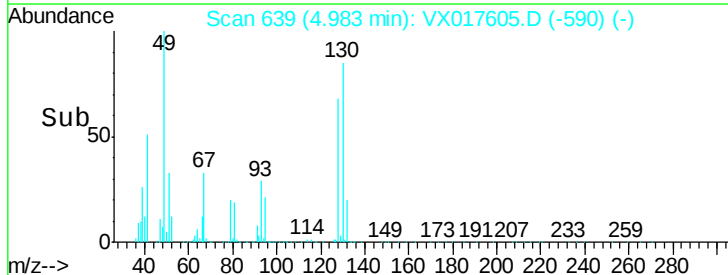
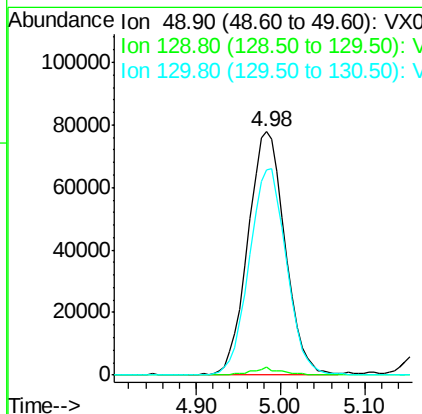
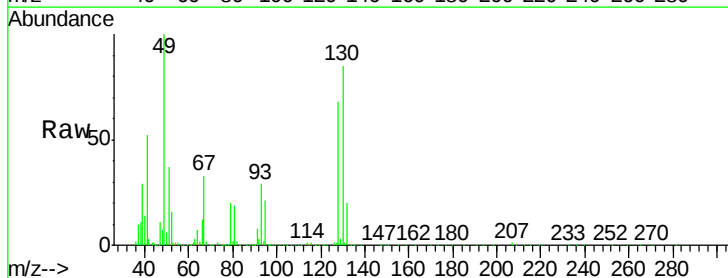
MMDadoda
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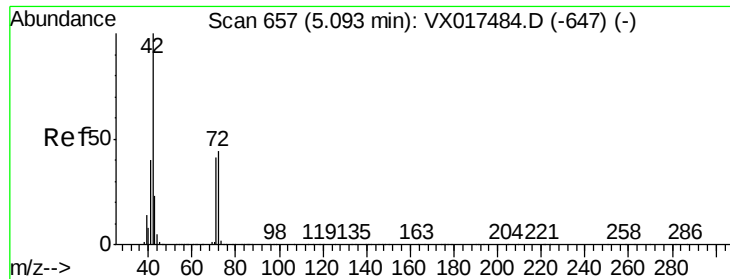


#28

Bromochloromethane
Concen: 48.543 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	85.7	66.7	100.1





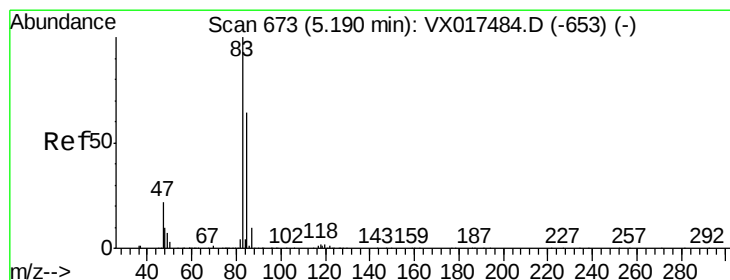
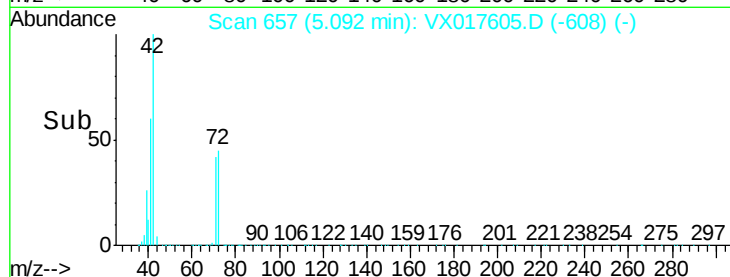
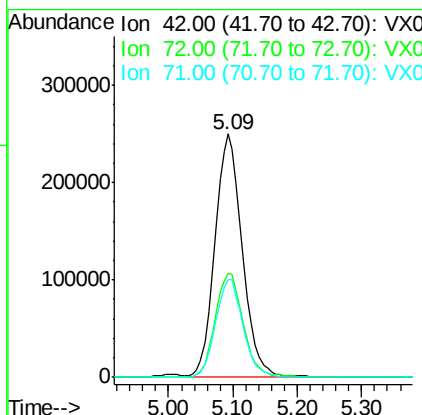
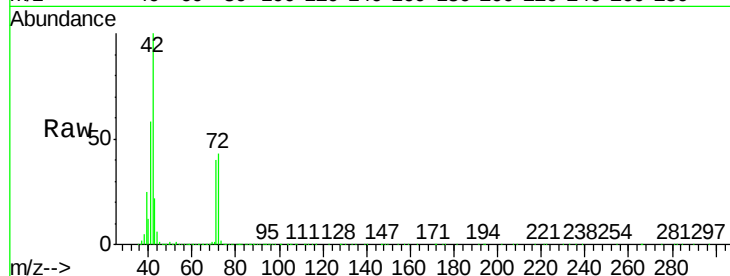
#29
Tetrahydrofuran
Concen: 280.465 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.5	53.3
71	40.7	33.0	49.4

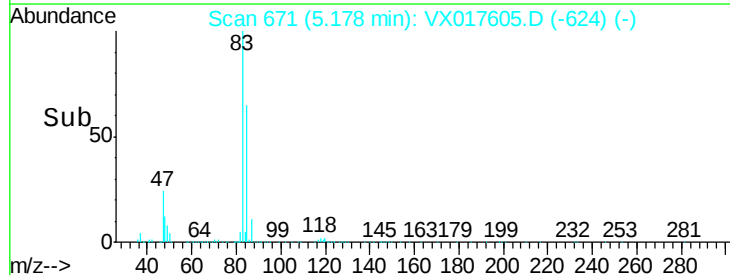
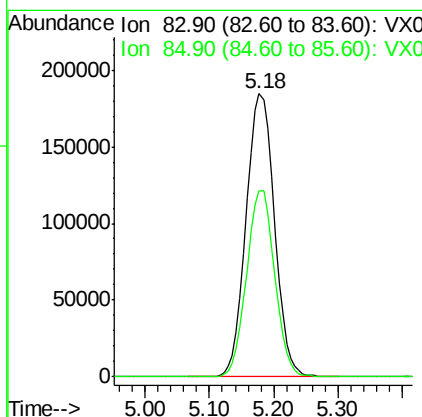
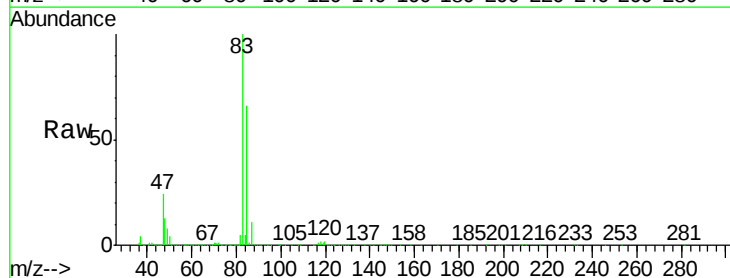
Manual Integrations
APPROVED

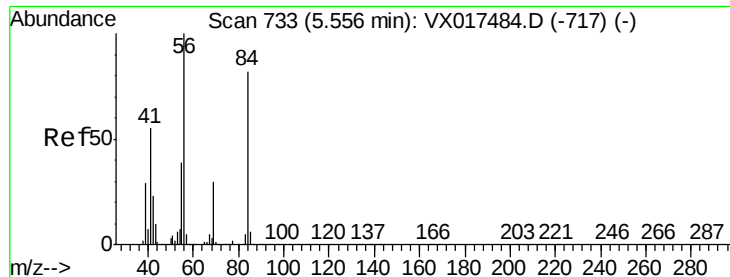
MMDadoda
7/27/2020 11:02:09 AM



#30
Chloroform
Concen: 51.758 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.4	77.2





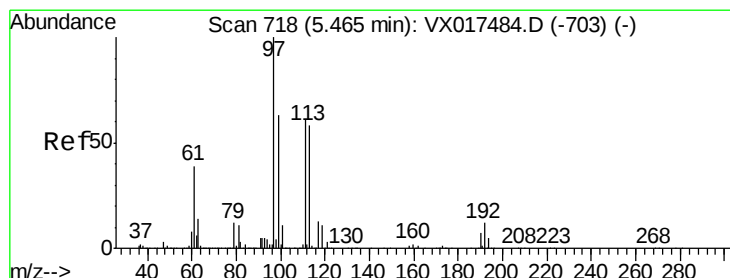
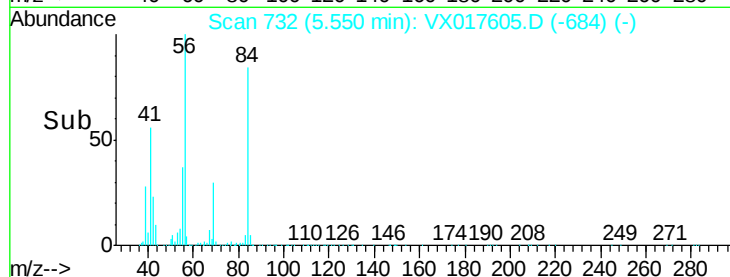
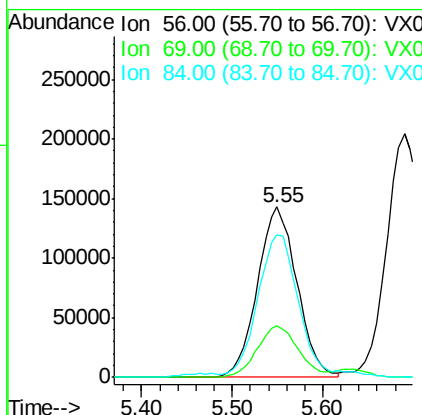
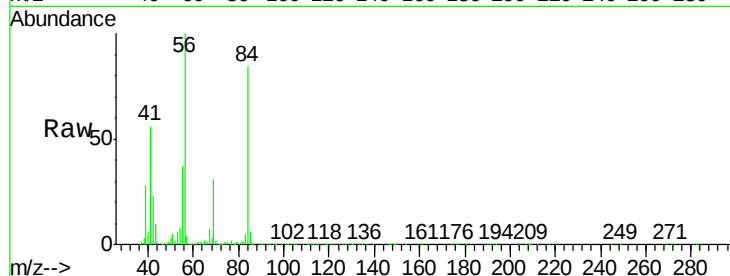
#31
Cyclohexane
Concen: 51.189 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.2	36.4
84	82.3	69.0	103.6

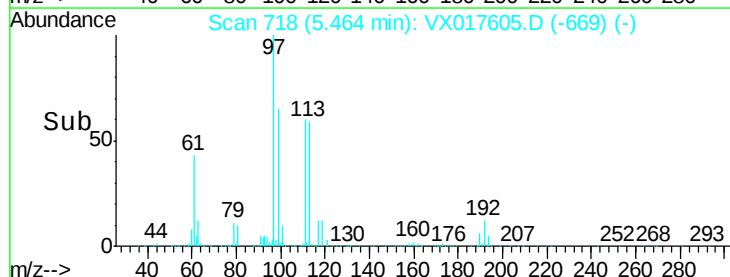
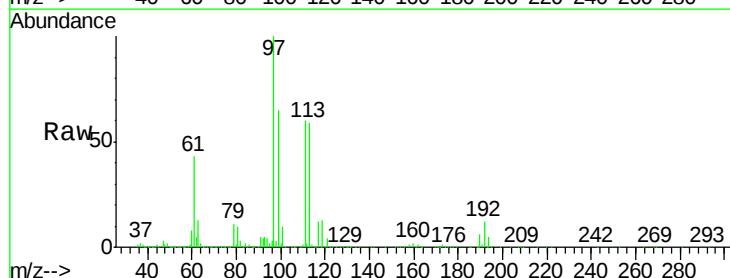
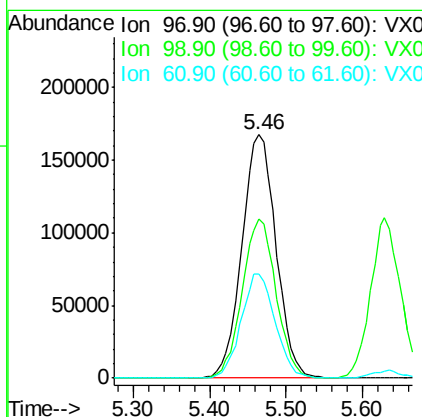
Manual Integrations
APPROVED

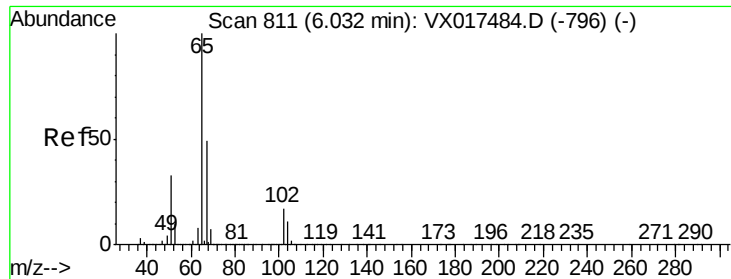
MMDadoda
7/27/2020 11:02:09 AM



#32
1,1,1-Trichloroethane
Concen: 51.010 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	42.6	34.1	51.1





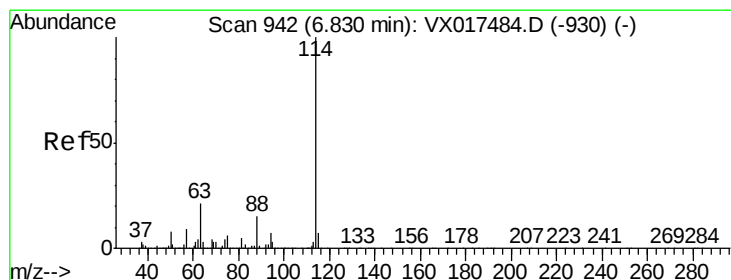
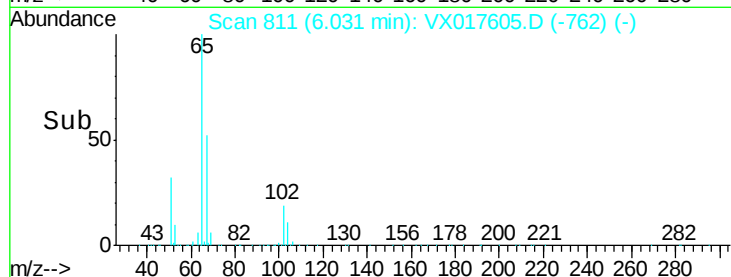
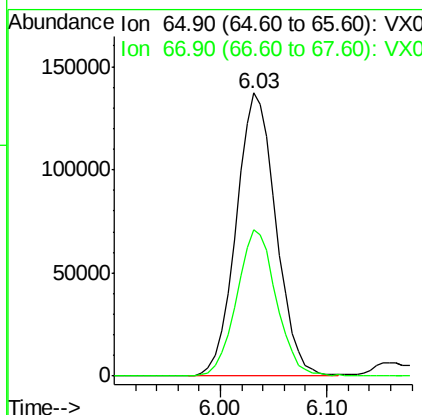
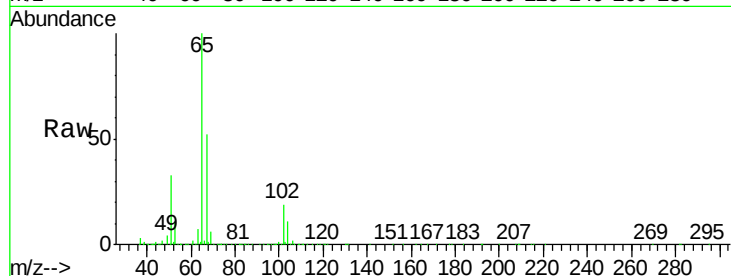
#33
 1,2-Dichloroethane-d4
 Concen: 52.412 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8

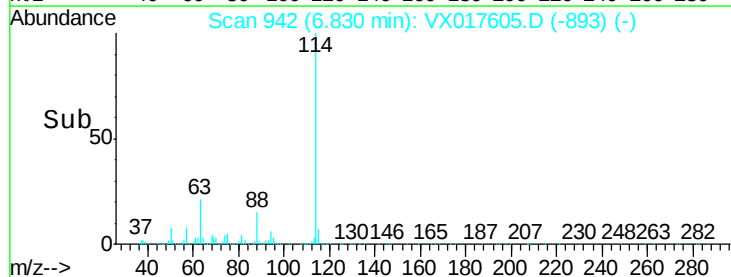
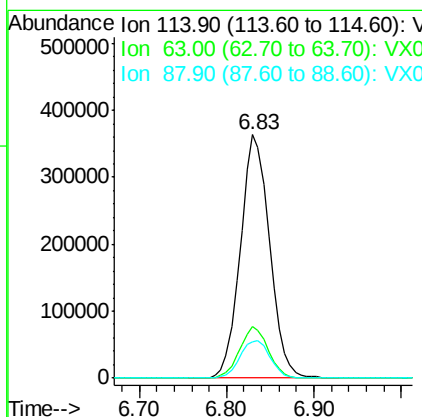
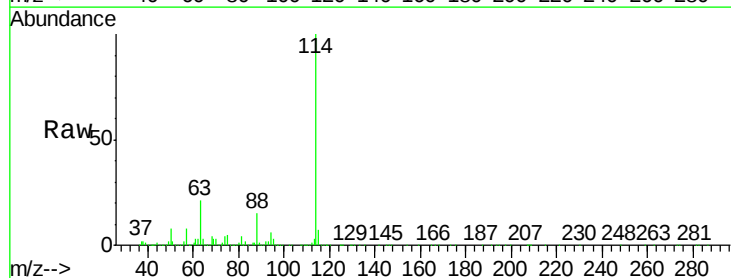
Manual Integrations
 APPROVED

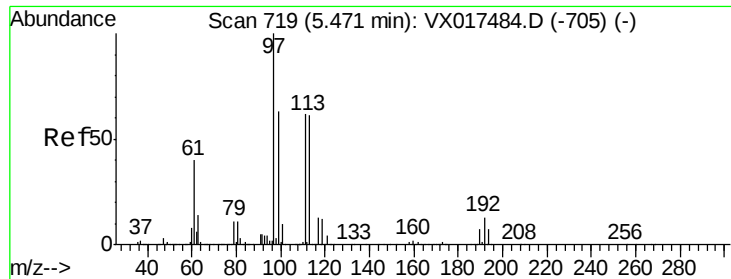
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 7/27/2020 11:02:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.6
88	14.9	0.0	33.4





#35

Dibromofluoromethane

Concen: 49.992 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

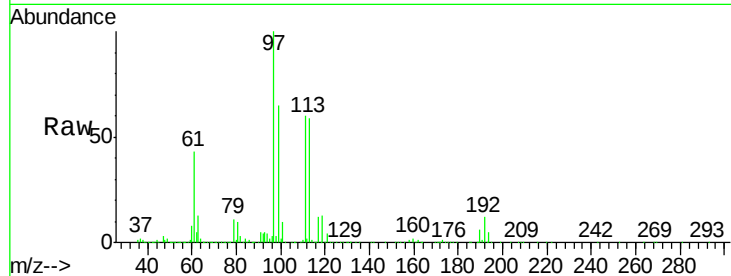
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	281246
Ion Ratio	Lower	Upper	
113	100		
111	101.7	80.7	121.1
192	20.8	16.9	25.3

Manual Integrations
APPROVED

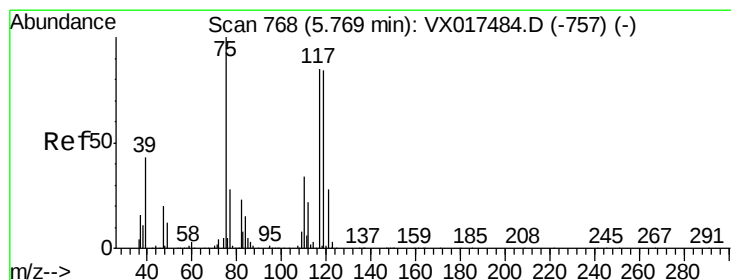
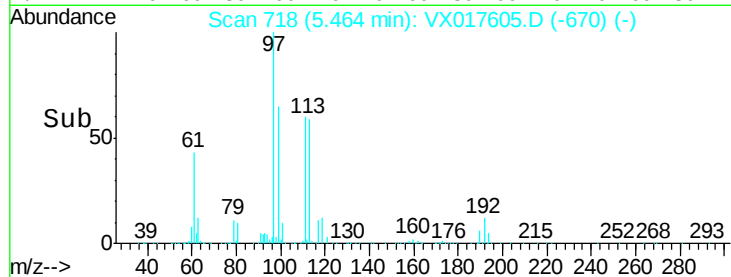
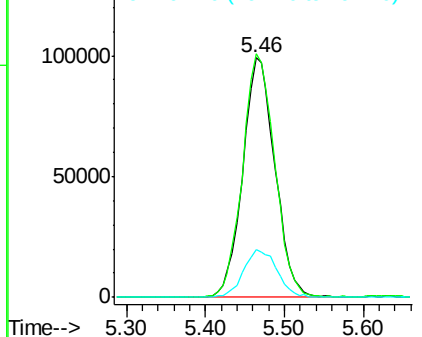
MMDadoda
7/27/2020 11:02:09 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.785 ug/l

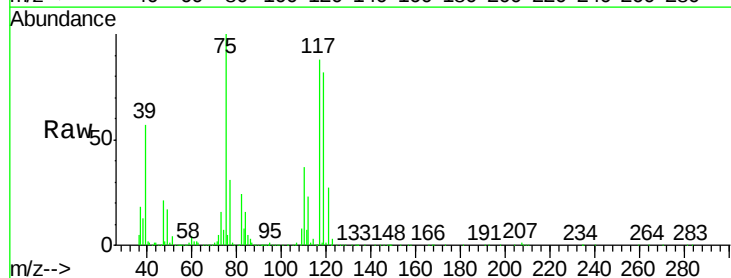
RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

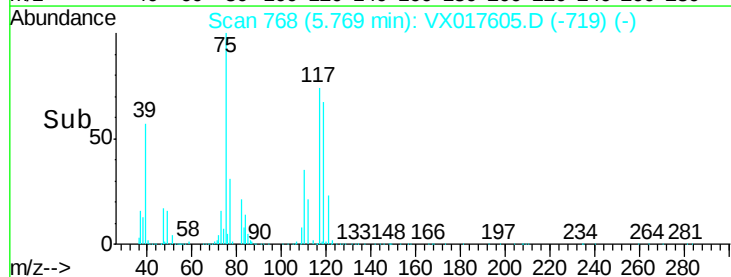
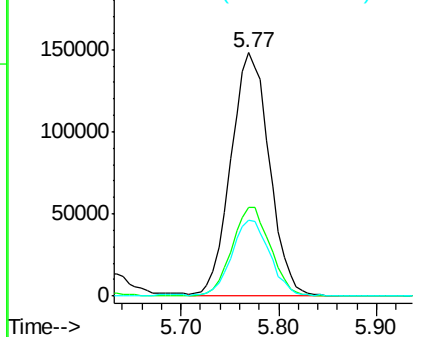
Tgt Ion:	75	Resp:	401641
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.3
77	31.0	24.6	37.0

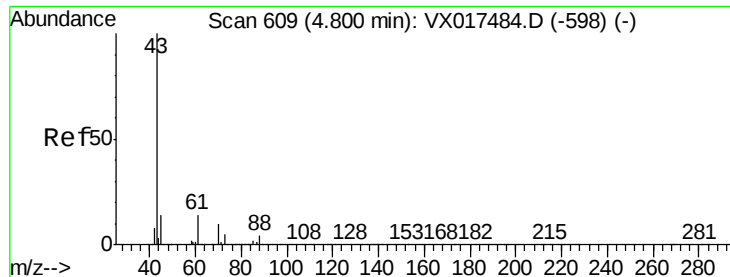


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





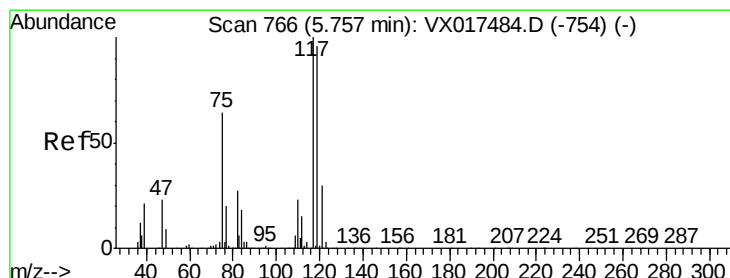
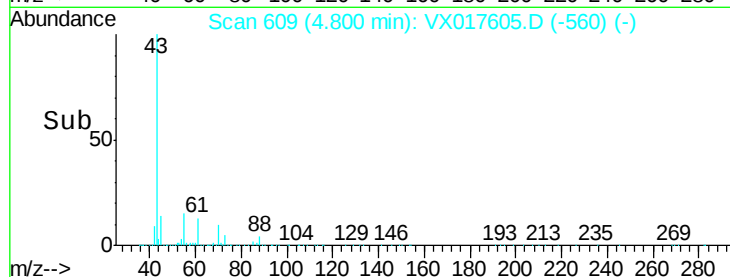
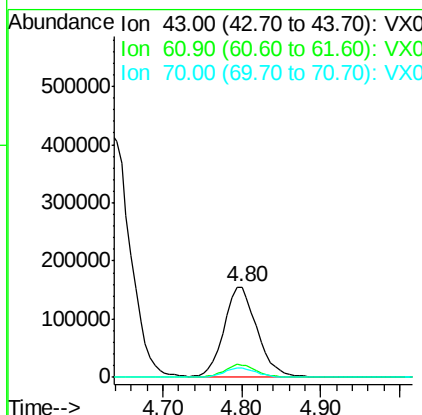
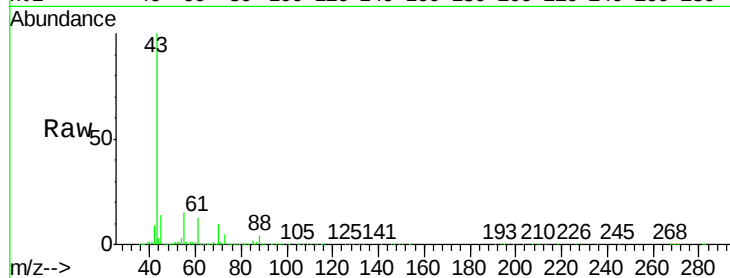
#37
Ethyl Acetate
Concen: 51.074 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.2	8.5	12.7

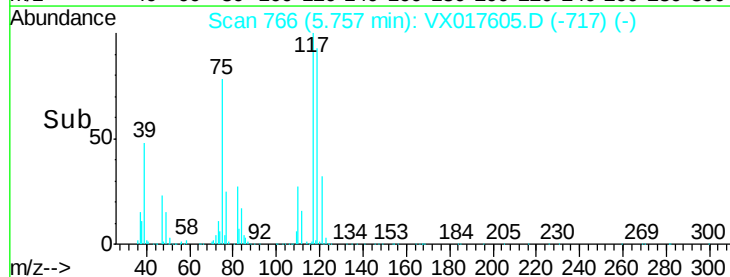
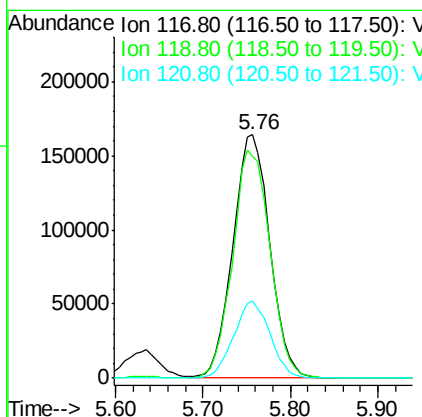
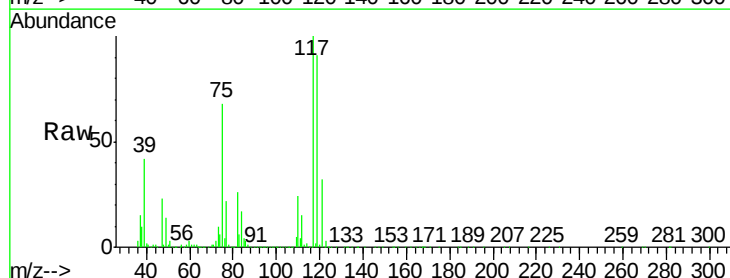
Manual Integrations
APPROVED

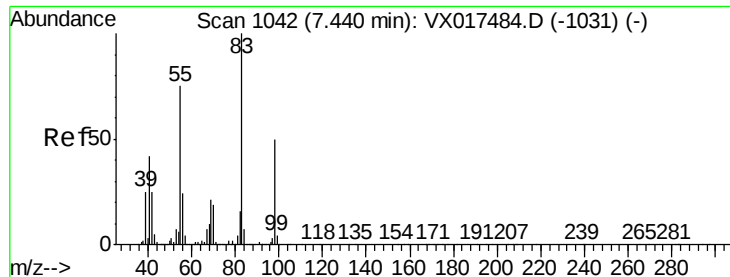
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#38
Carbon Tetrachloride
Concen: 49.106 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	75.4	113.0
121	31.6	24.3	36.5





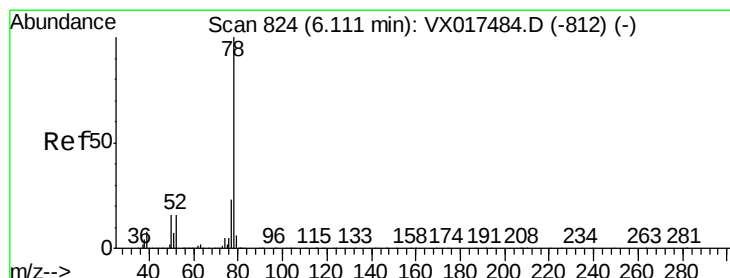
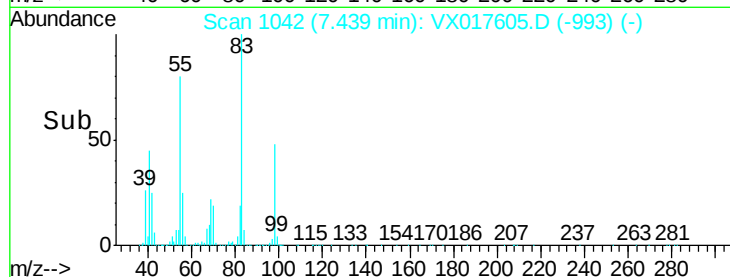
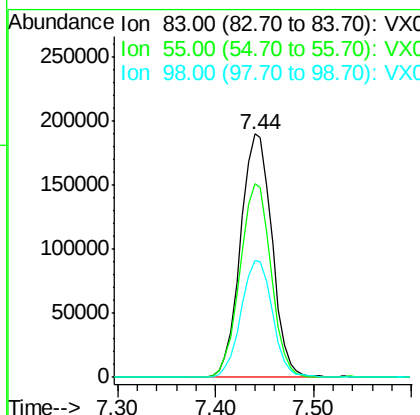
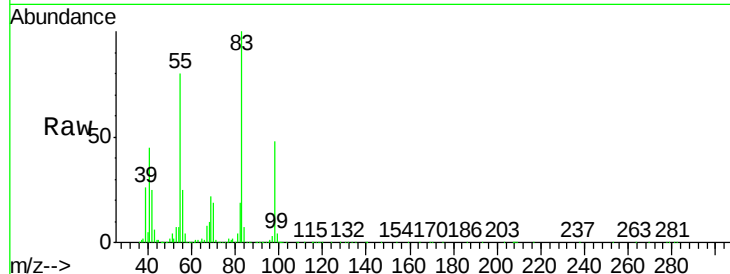
#39
Methylcyclohexane
Concen: 45.193 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.6	61.8	92.8
98	48.1	36.9	55.3

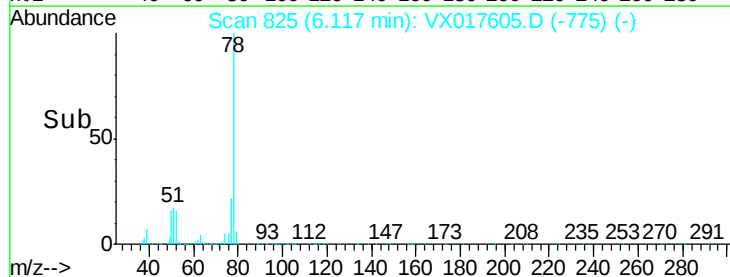
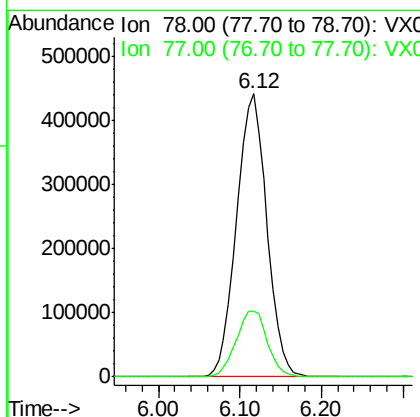
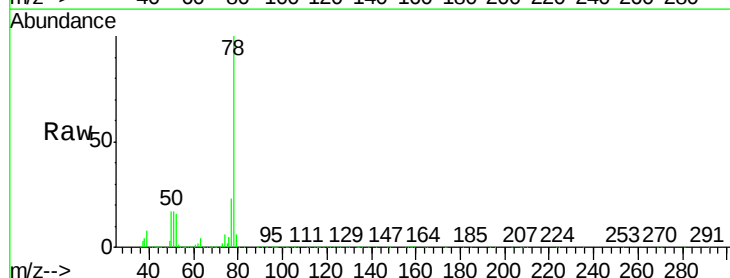
Manual Integrations
APPROVED

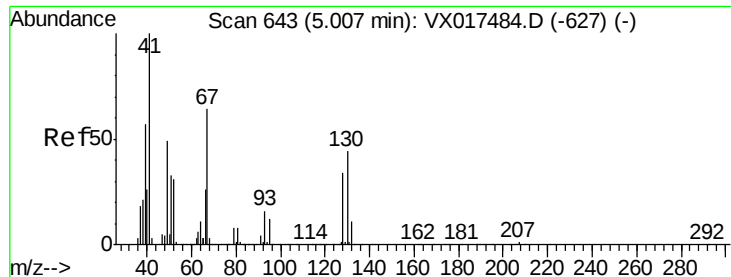
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#40
Benzene
Concen: 49.157 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





#41

Methacrylonitrile

Concen: 48.048 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 243107
Ion Ratio Lower Upper

41 100

39 56.4 43.9 65.9

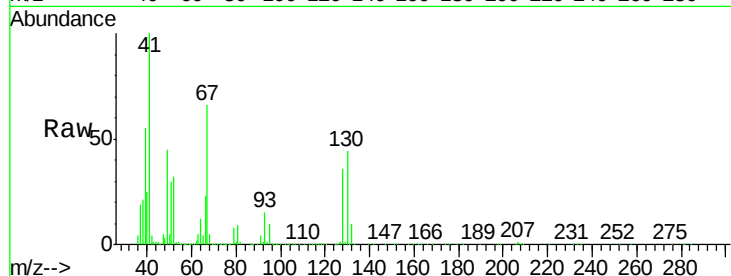
67 70.6 54.0 81.0

52 31.1 23.0 34.6

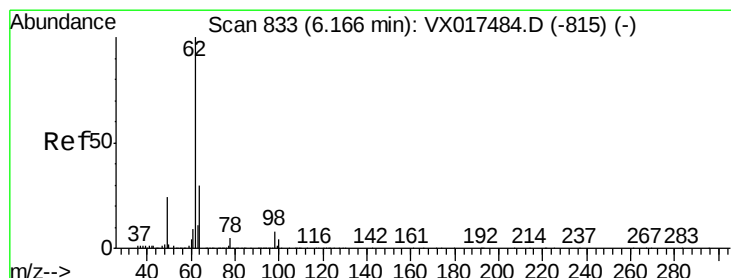
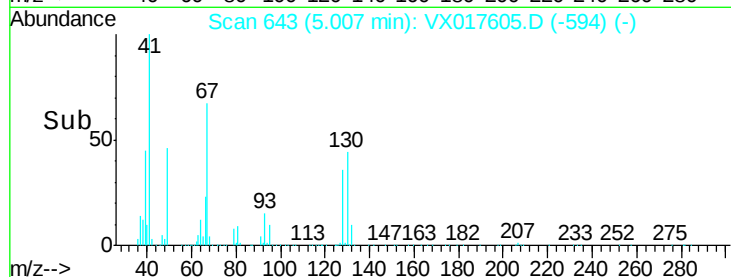
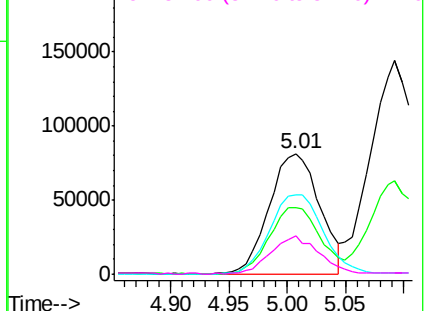
Manual Integrations
APPROVED

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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: 50.327 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

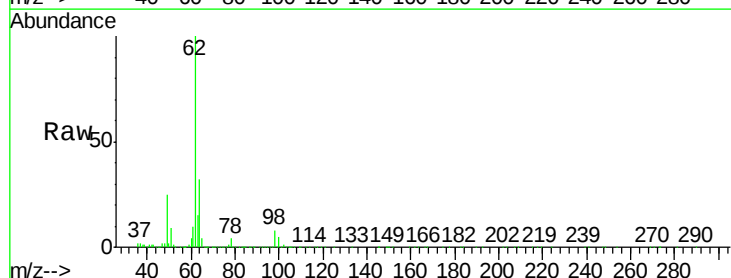
Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

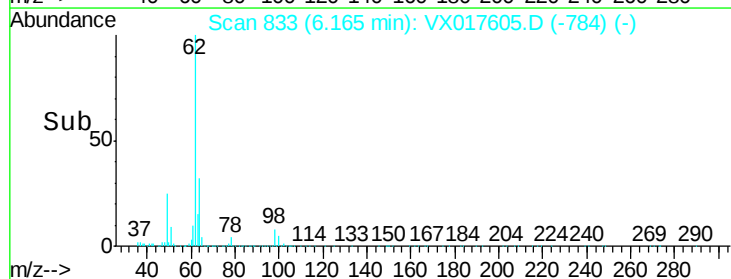
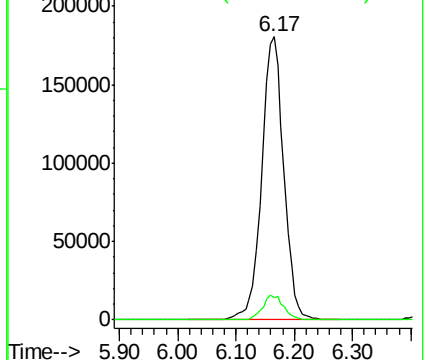
Tgt Ion: 62 Resp: 476212
Ion Ratio Lower Upper

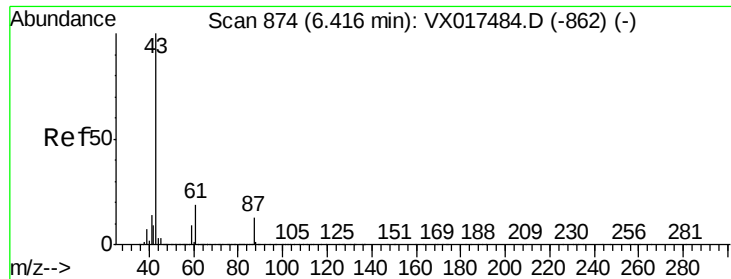
62 100

98 8.5 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: 49.972 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

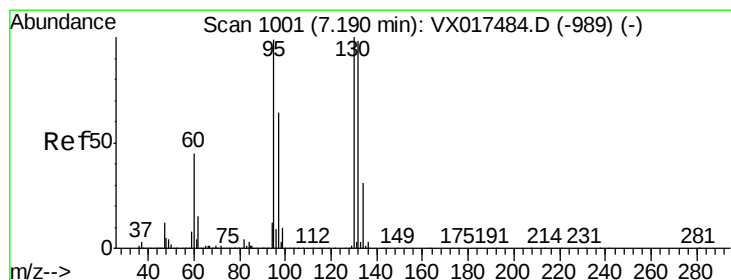
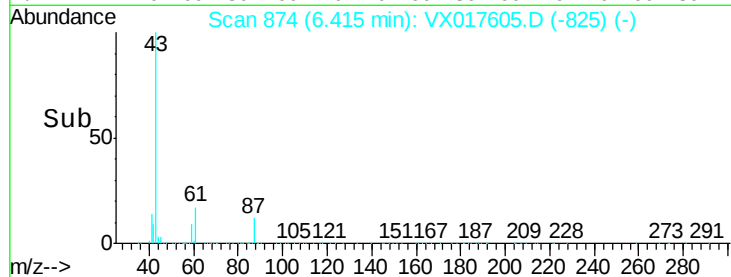
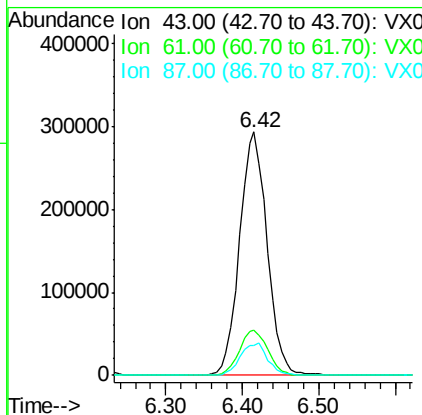
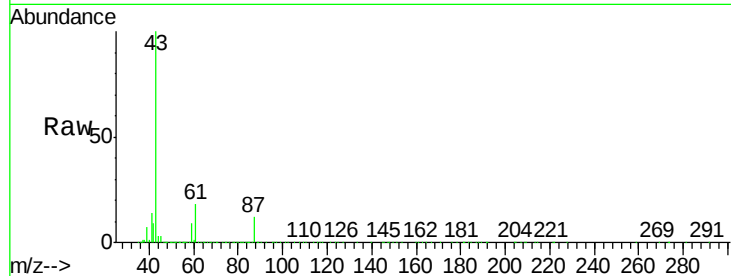
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.2	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 49.517 ug/l

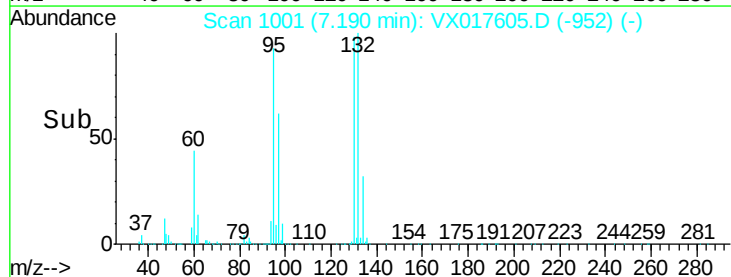
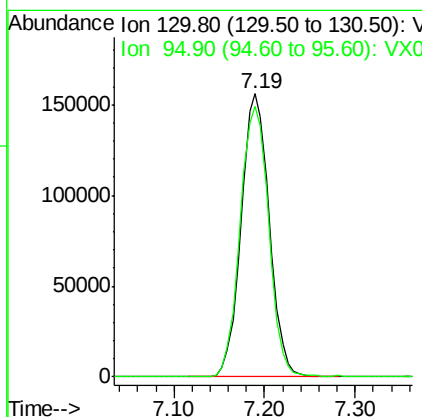
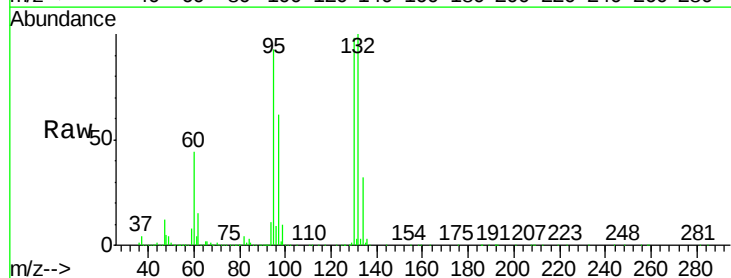
RT: 7.19 min Scan# 1001

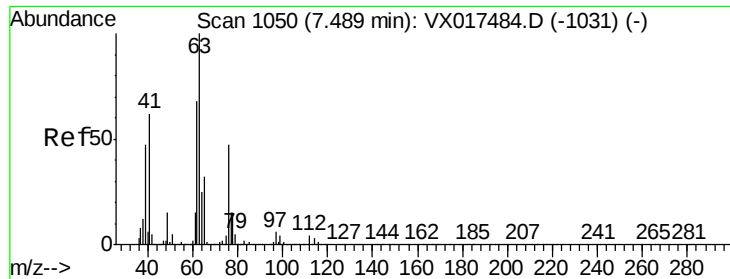
Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	189.0





#45

1,2-Dichloropropane

Concen: 47.706 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 305883

Ion Ratio Lower Upper

63 100

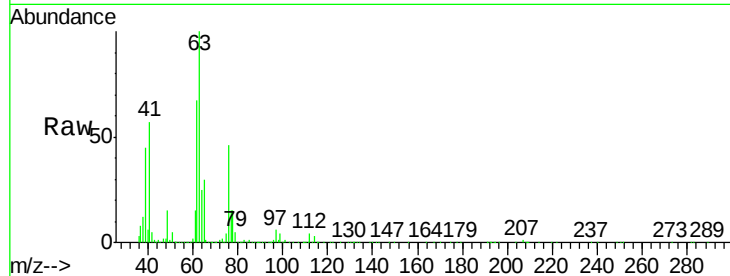
65 30.2 24.5 36.7

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

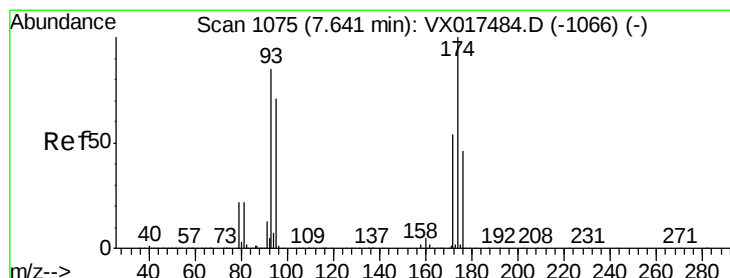
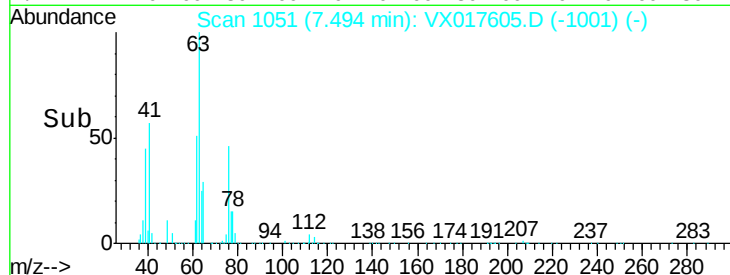
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 47.967 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

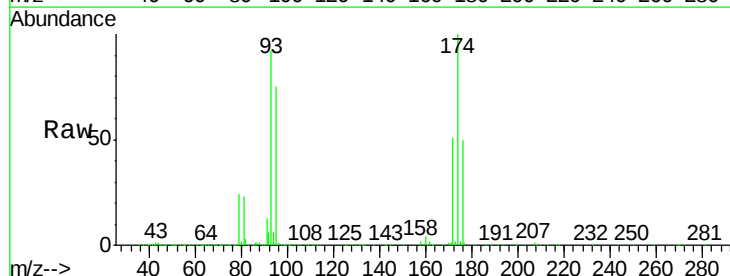
Tgt Ion: 93 Resp: 217355

Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 110.0 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

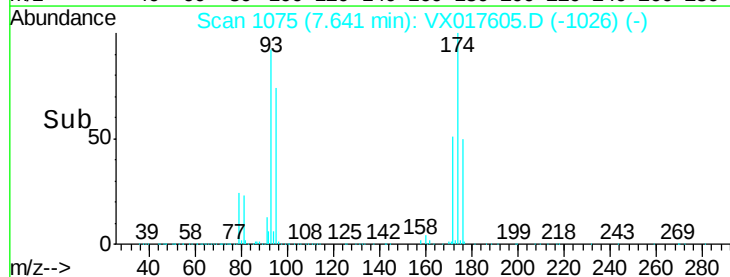
150000

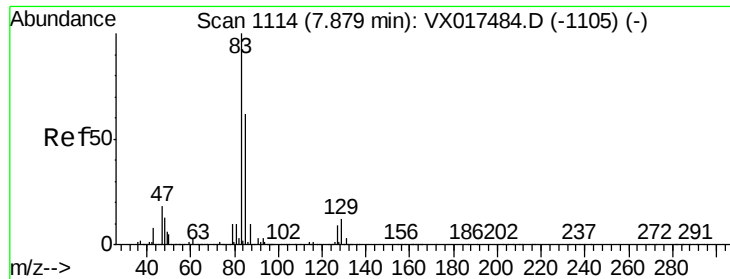
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 49.942 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

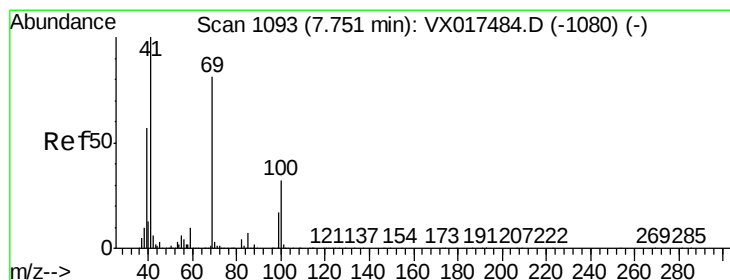
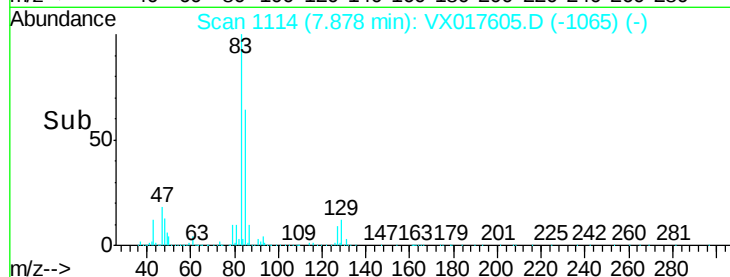
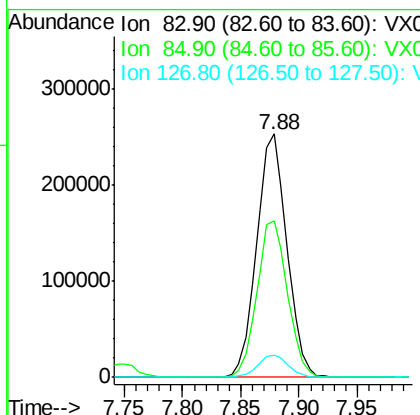
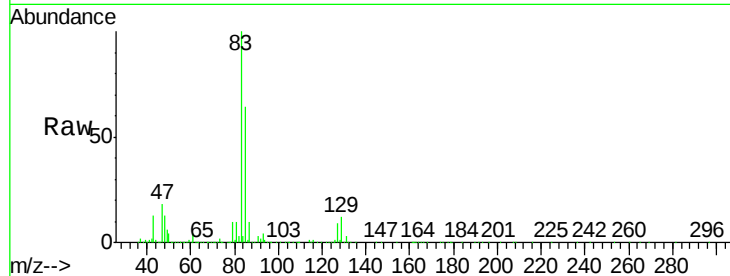
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	455351
Ion Ratio	Lower	Upper	
83	100		
85	64.3	51.8	77.8
127	9.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.907 ug/l

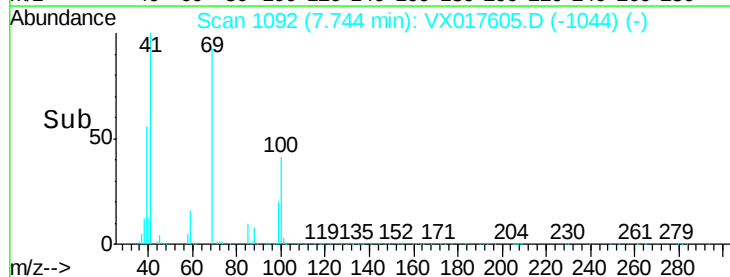
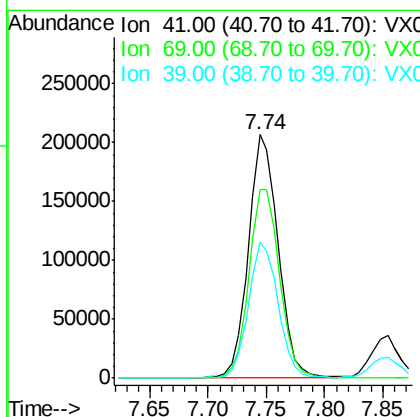
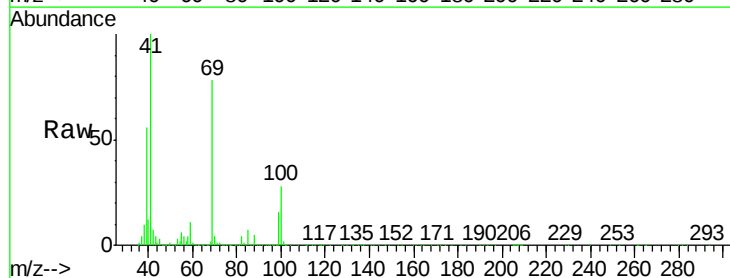
RT: 7.74 min Scan# 1092

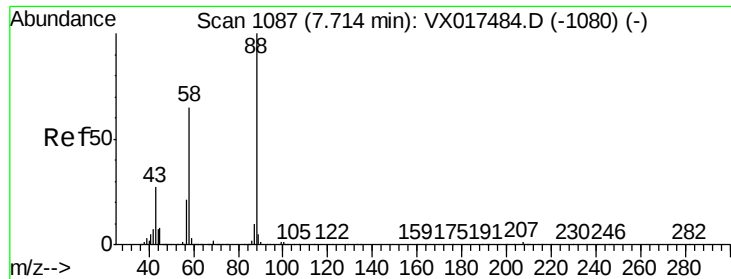
Delta R.T. -0.01 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion:	41	Resp:	367521
Ion Ratio	Lower	Upper	
41	100		
69	80.3	63.1	94.7
39	56.0	45.1	67.7





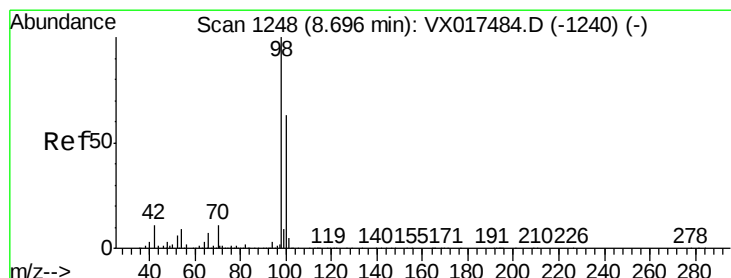
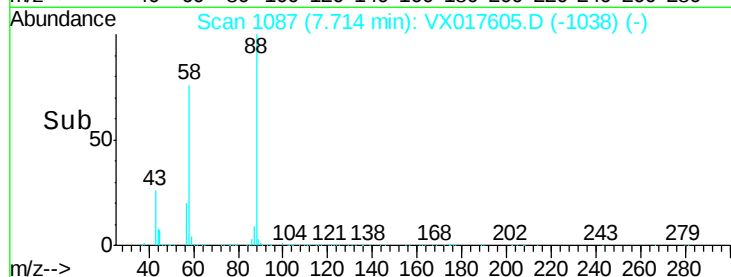
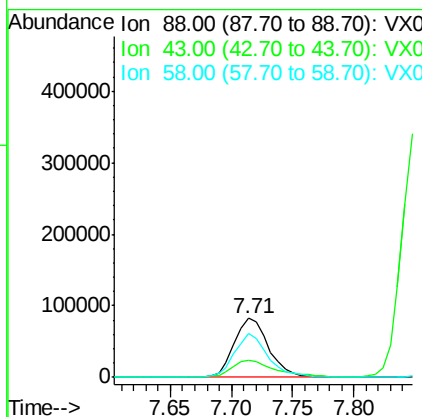
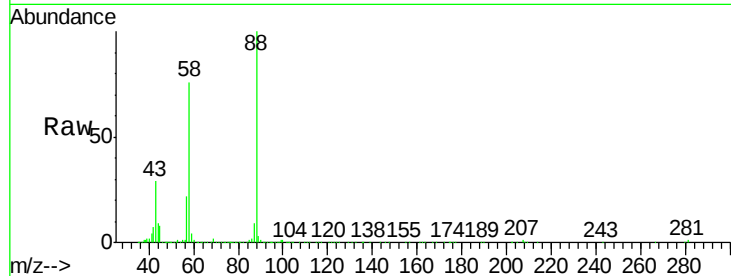
#49
1,4-Dioxane
Concen: 1171.264 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.8	41.6
58	71.6	58.3	87.5

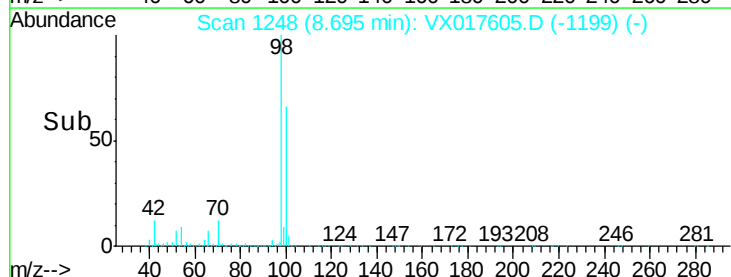
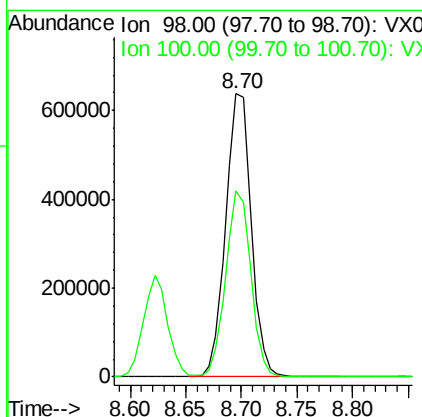
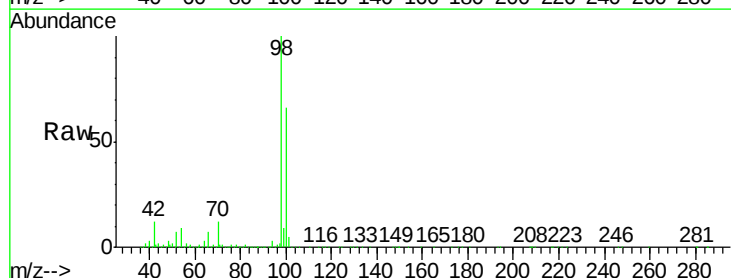
Manual Integrations
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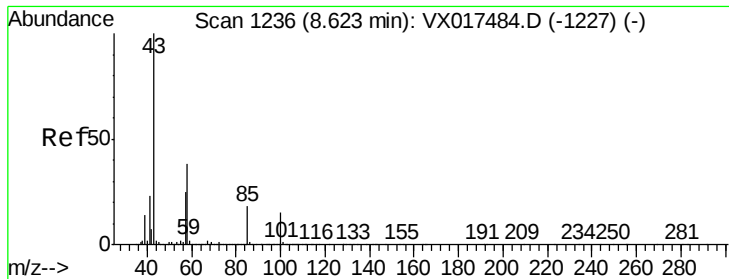
MMDadoda
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#50
Toluene-d8
Concen: 50.190 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 266.647 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2317149

Ion Ratio Lower Upper

43 100

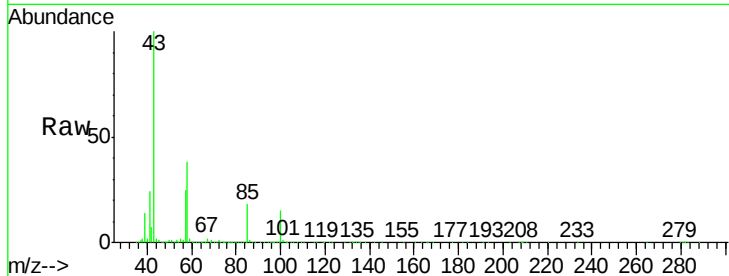
58 38.1 31.0 46.4

Manual Integrations

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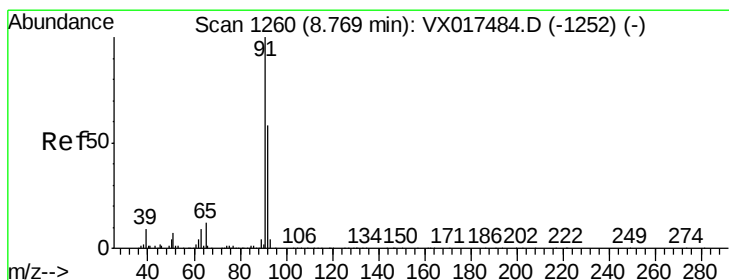
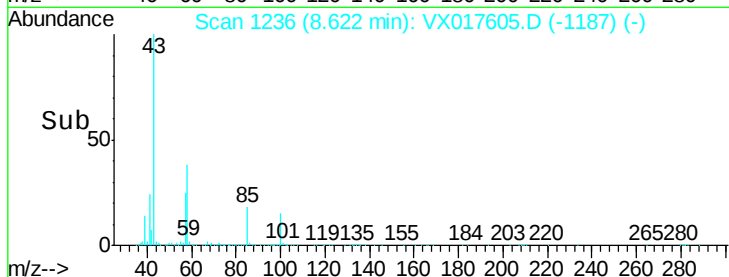
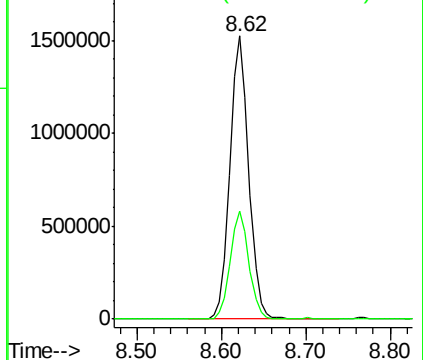
MMDadoda

7/27/2020 11:02:09 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.339 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017605.D

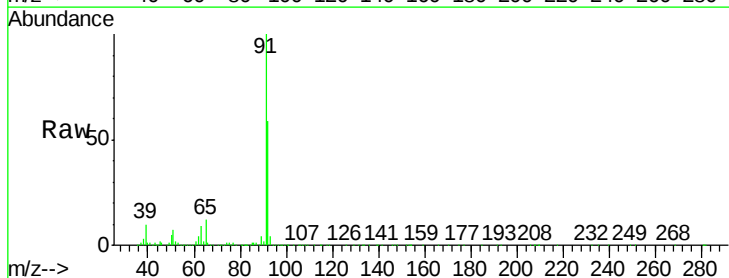
Acq: 25 Jul 2020 18:40

Tgt Ion: 92 Resp: 746692

Ion Ratio Lower Upper

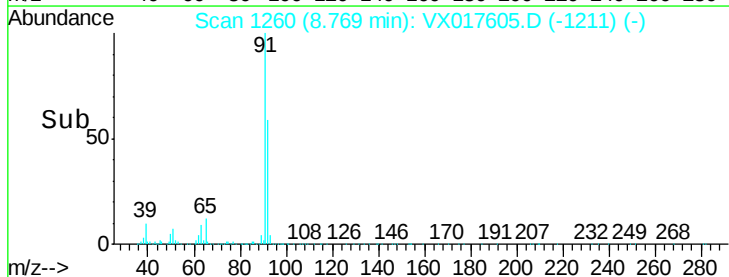
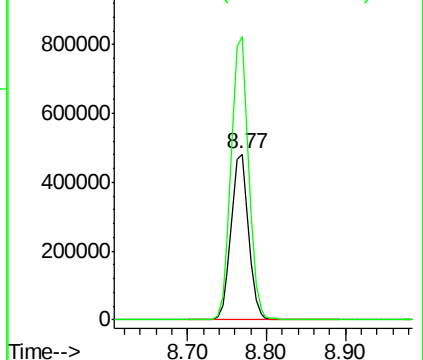
92 100

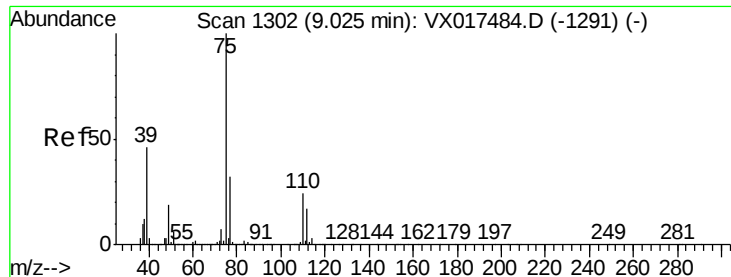
91 171.8 137.6 206.4



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: 43.782 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 446860

Ion Ratio Lower Upper

75 100

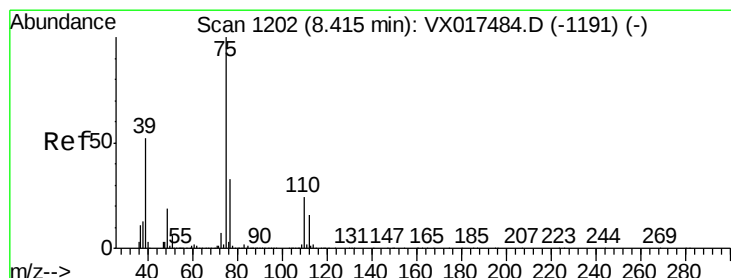
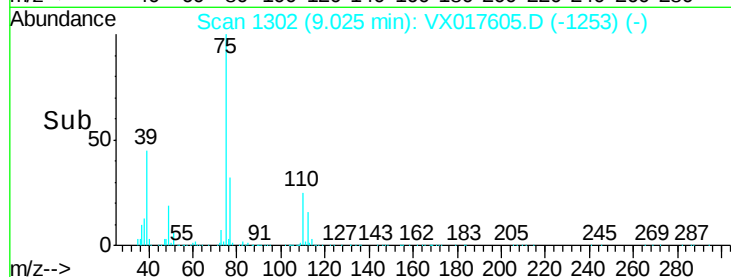
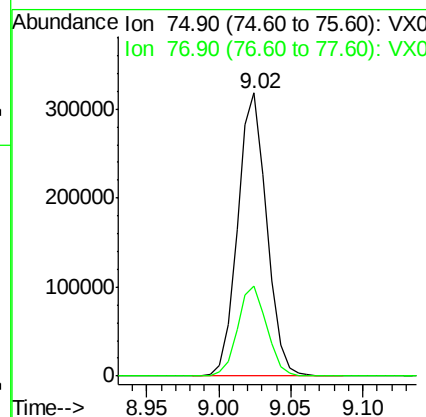
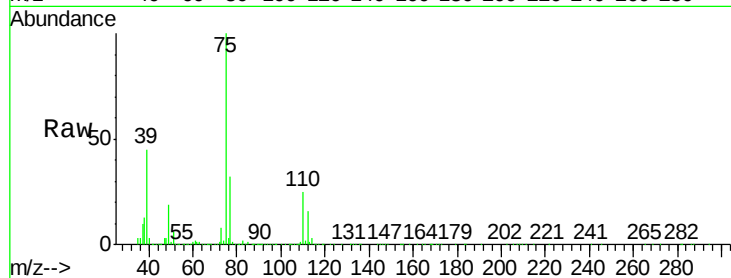
77 31.7 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 44.683 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

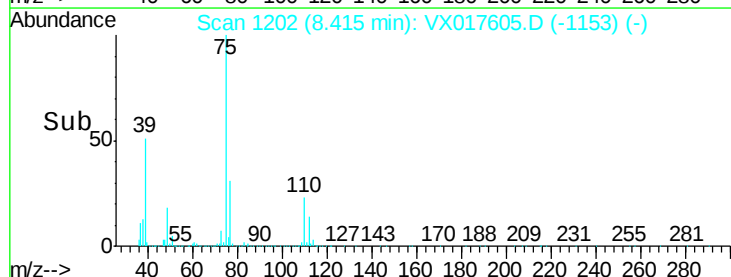
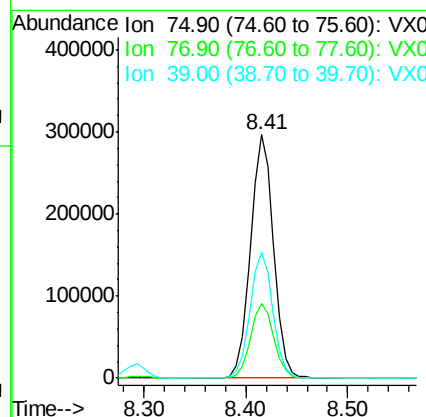
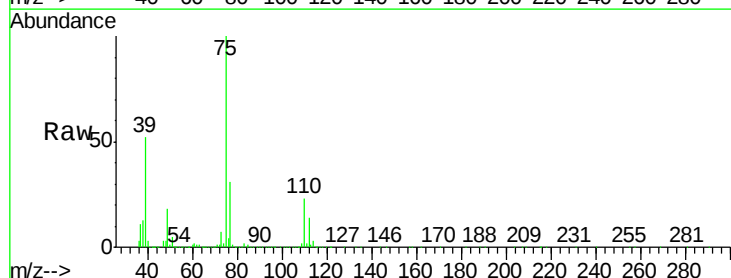
Tgt Ion: 75 Resp: 465166

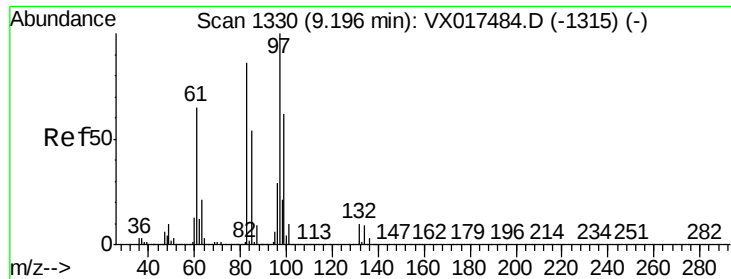
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

39 51.5 41.8 62.8





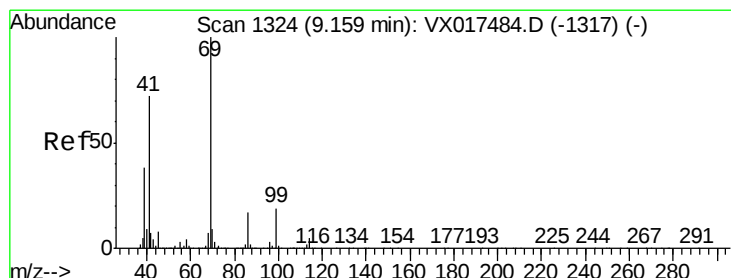
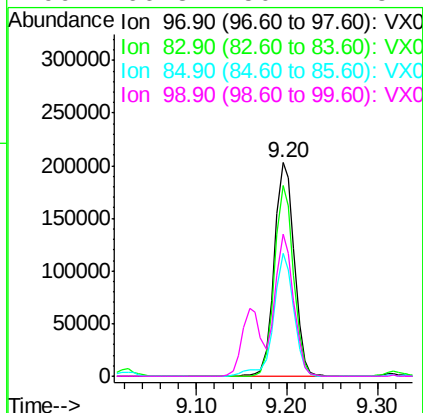
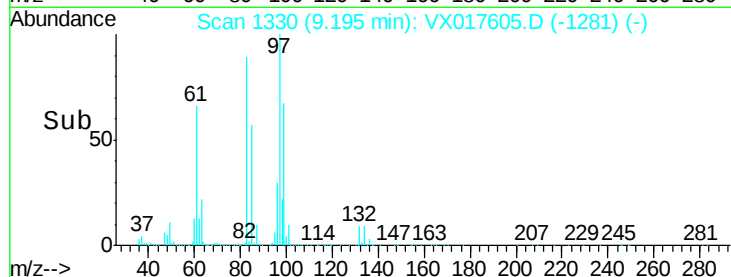
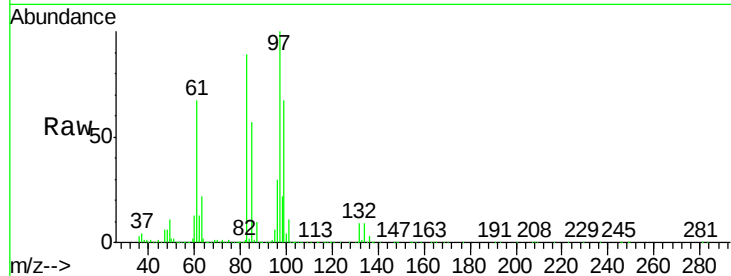
#55
 1,1,2-Trichloroethane
 Concen: 50.022 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	309098		
83	89.5	67.6	101.4	
85	57.2	44.6	67.0	
99	66.8	50.2	75.4	

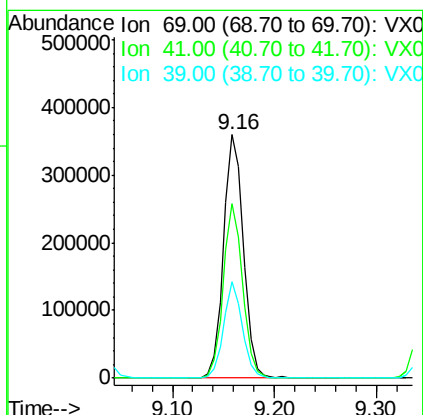
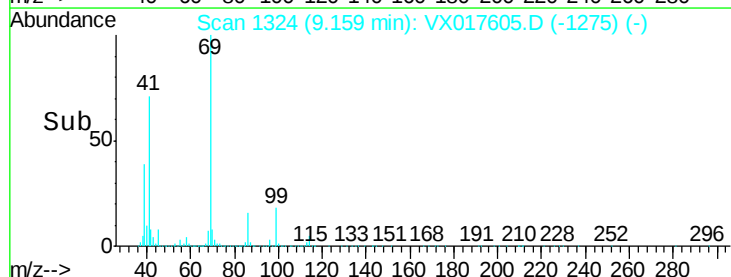
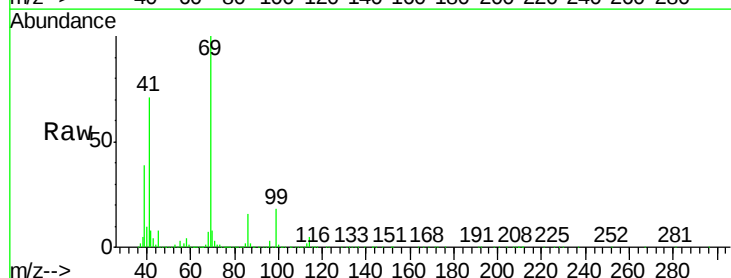
Manual Integrations
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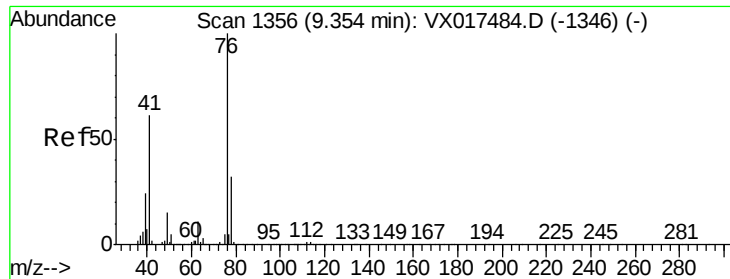
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 7/27/2020 11:02:09 AM



#56
 Ethyl methacrylate
 Concen: 52.349 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	487339		
41	69.5	55.0	82.6	
39	37.3	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 50.782 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 516700

Ion Ratio Lower Upper

76 100

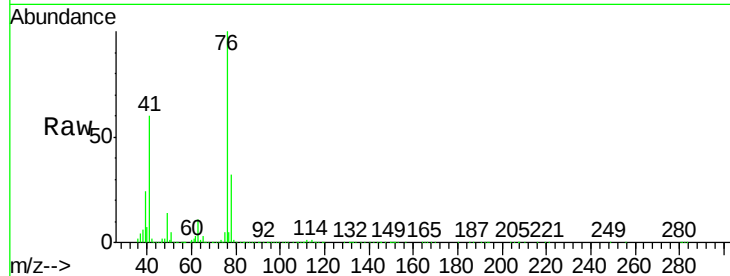
78 32.4 25.8 38.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

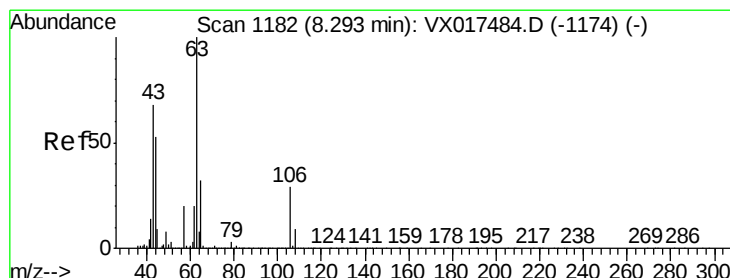
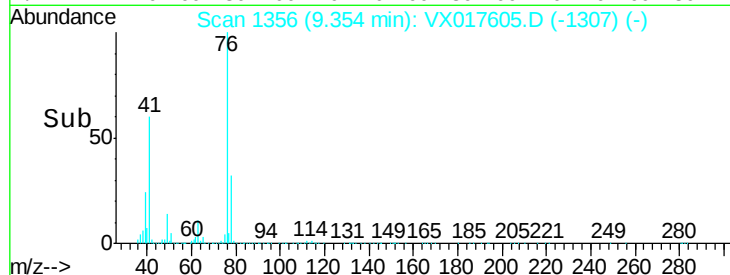
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.957 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017605.D

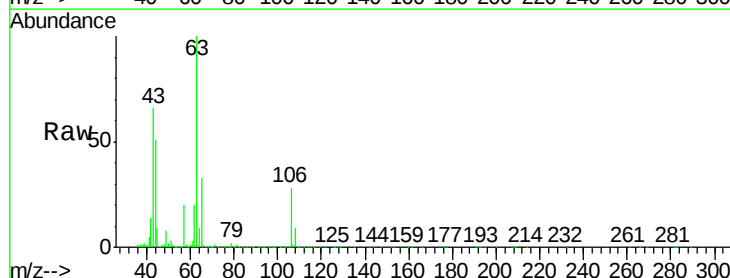
Acq: 25 Jul 2020 18:40

Tgt Ion: 63 Resp: 1206325

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

800000

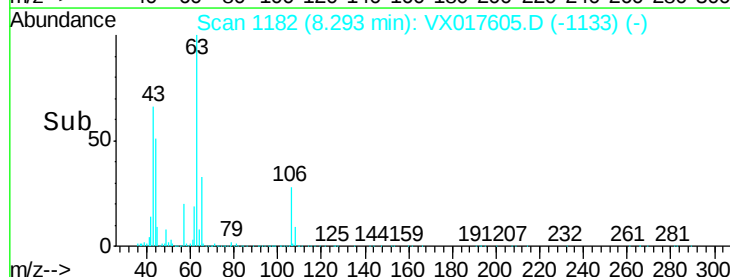
600000

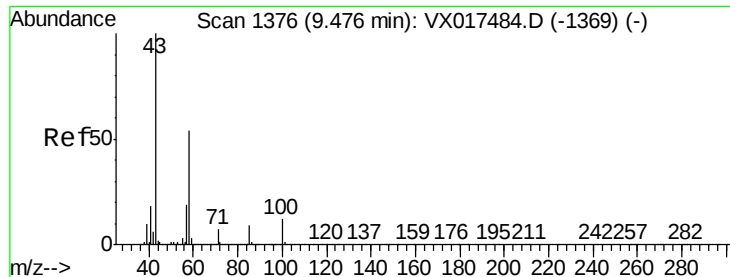
400000

200000

0

Time-->





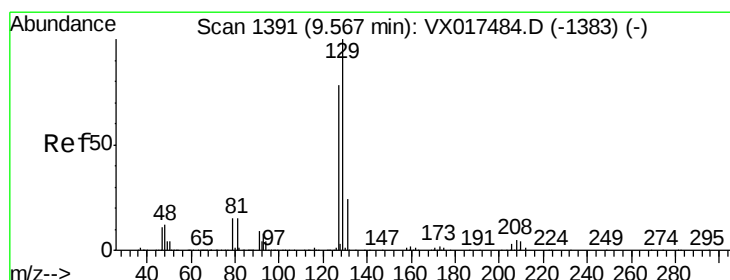
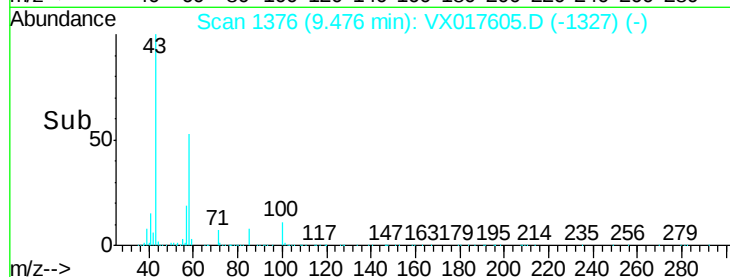
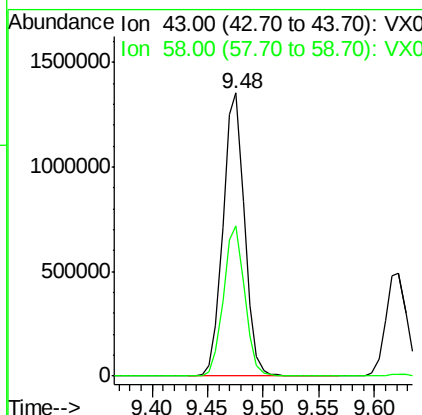
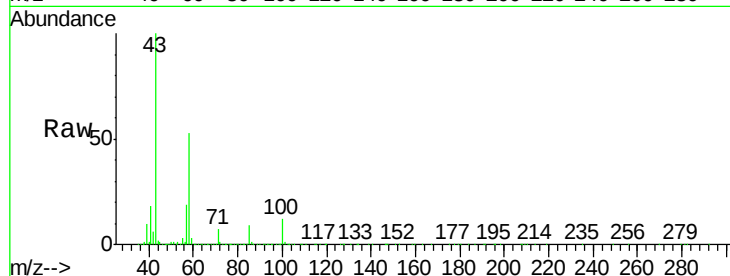
#59
2-Hexanone
Concen: 275.906 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1805131
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8

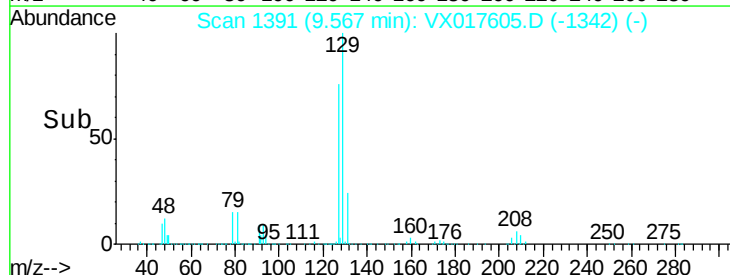
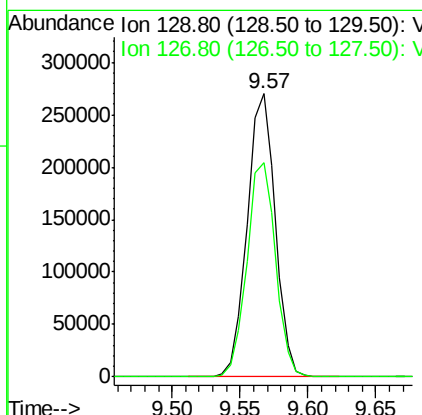
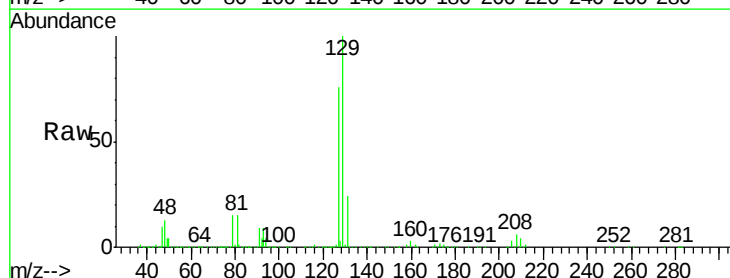
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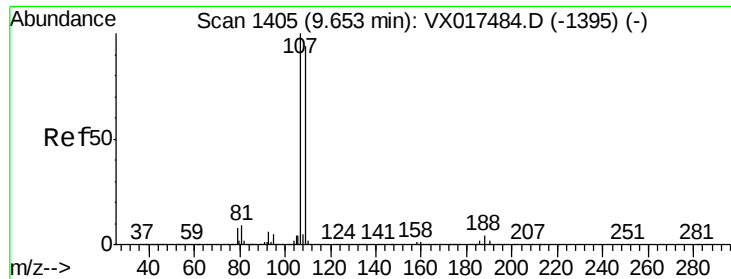
MMDadoda
7/27/2020 11:02:09 AM



#60
Dibromochloromethane
Concen: 49.986 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 129 Resp: 392578
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.751 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 340456

Ion Ratio Lower Upper

107 100

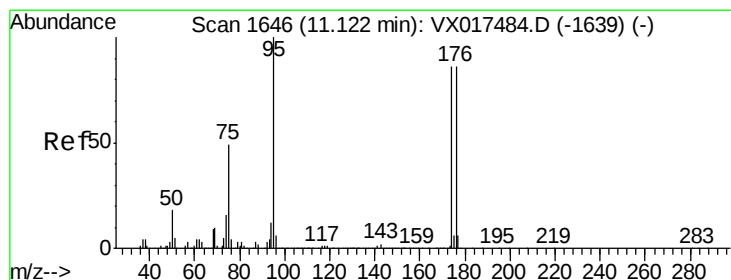
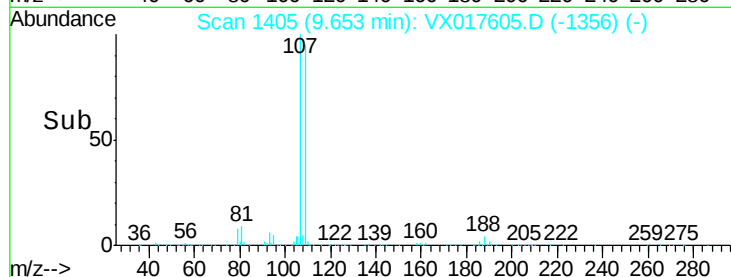
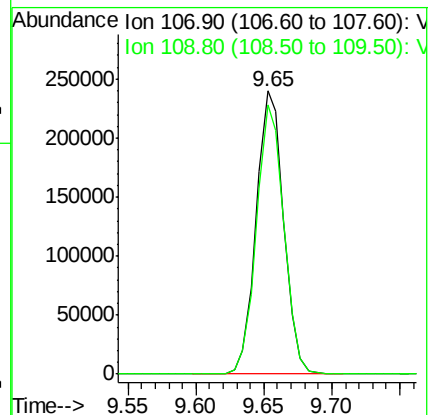
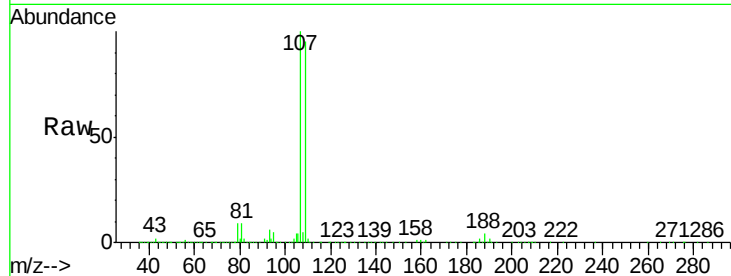
109 95.1 74.9 112.3

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7/27/2020 11:02:09 AM



#62

4-Bromofluorobenzene

Concen: 51.568 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

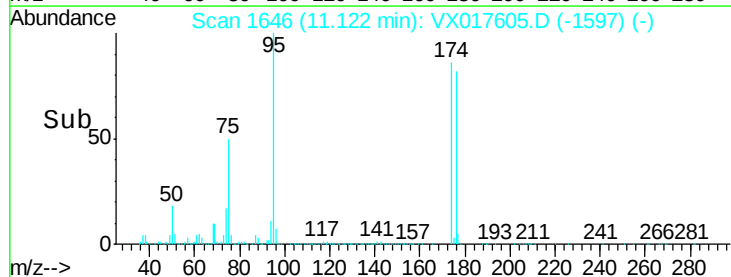
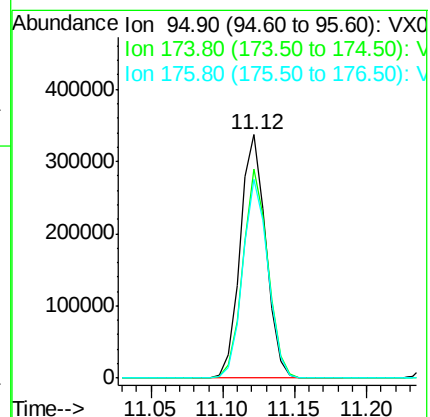
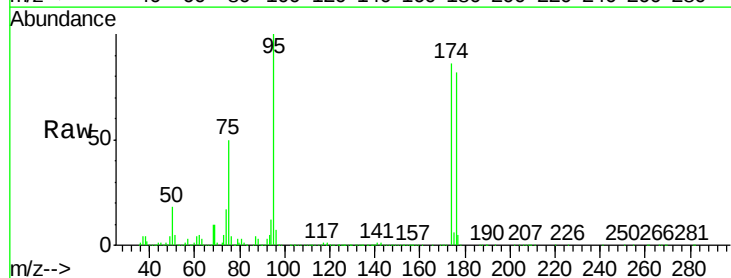
Tgt Ion: 95 Resp: 418842

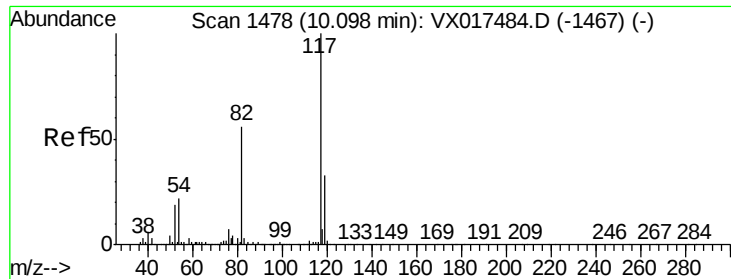
Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

176 79.8 0.0 161.0





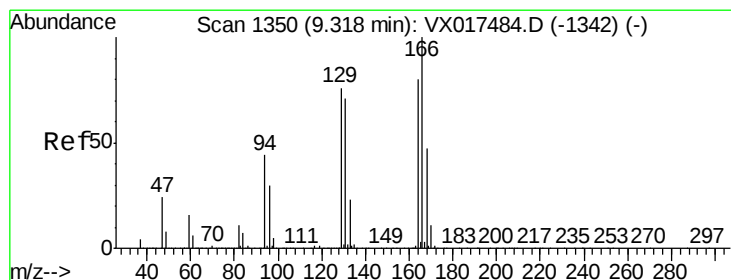
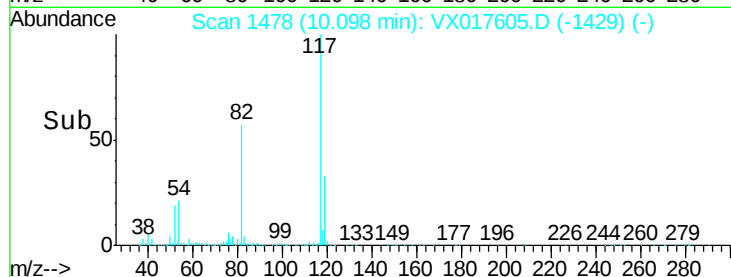
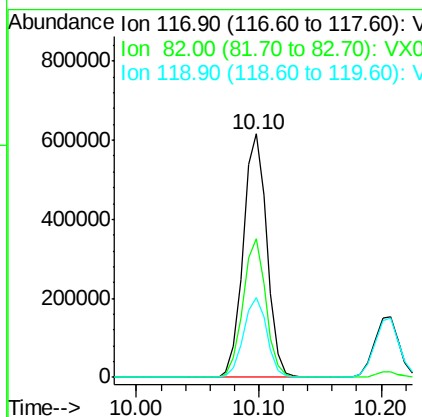
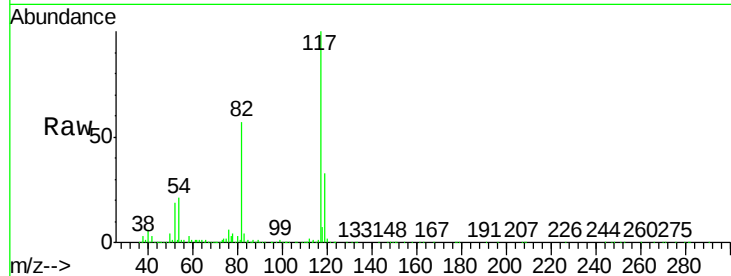
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	823808		
82	57.1	44.0	66.0	
119	32.7	25.4	38.0	

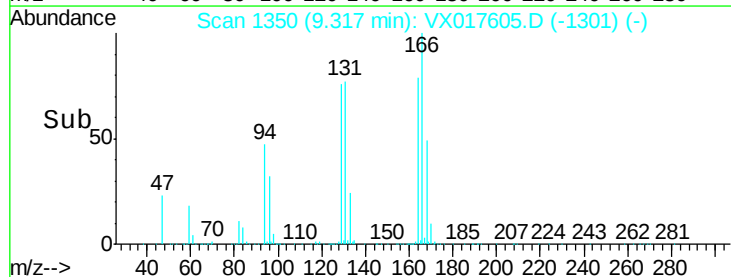
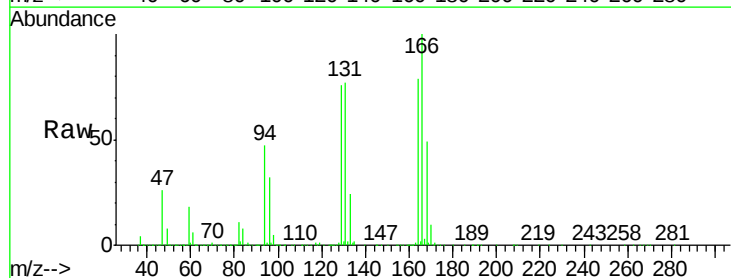
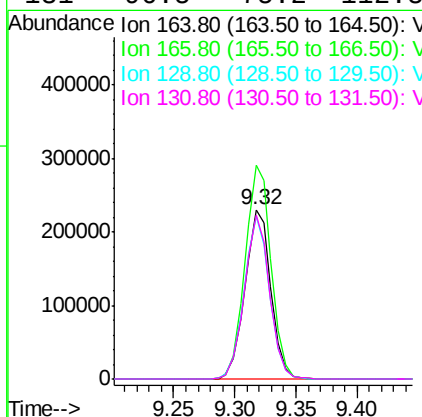
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#64
Tetrachloroethene
Concen: 45.588 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	337073		
166	126.0	100.6	150.8	
129	95.5	75.0	112.6	
131	96.5	75.2	112.8	





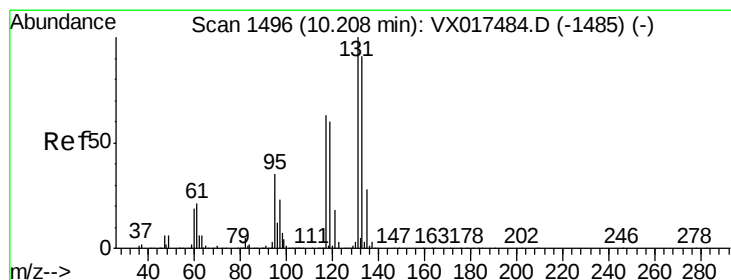
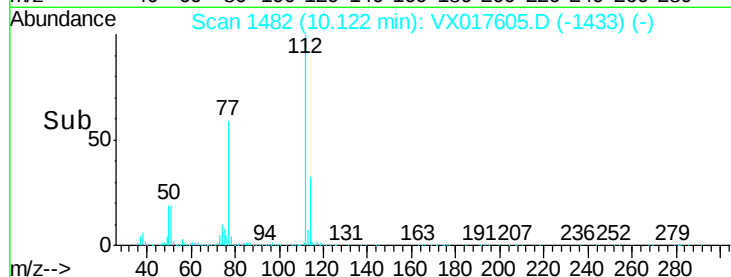
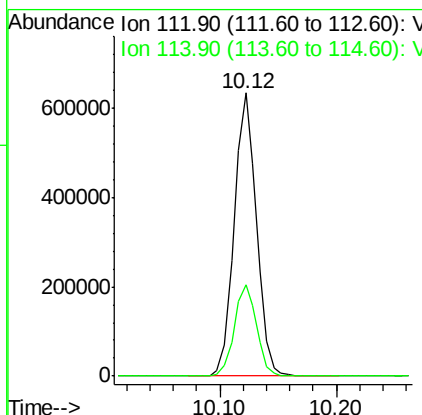
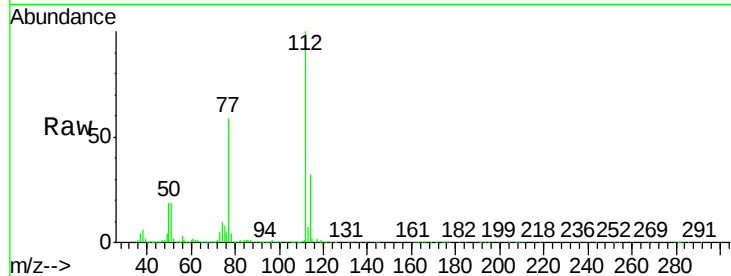
#65
Chlorobenzene
Concen: 47.247 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 842488
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

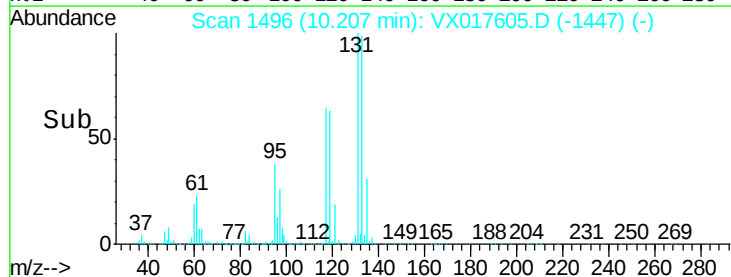
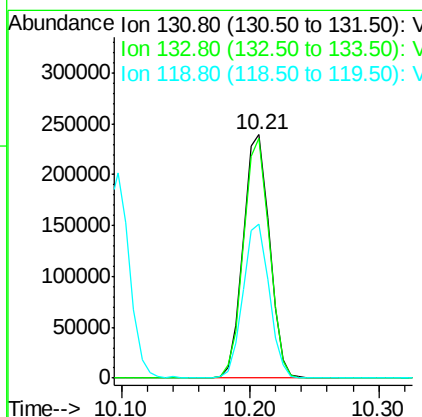
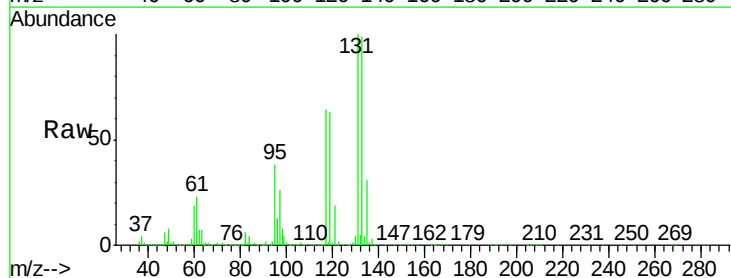
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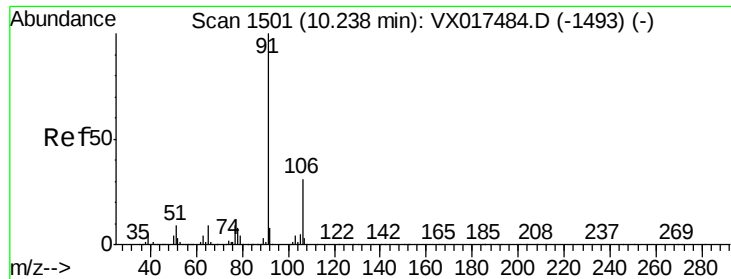
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7/27/2020 11:02:09 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 46.763 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion:131 Resp: 336537
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 63.2 31.1 93.3





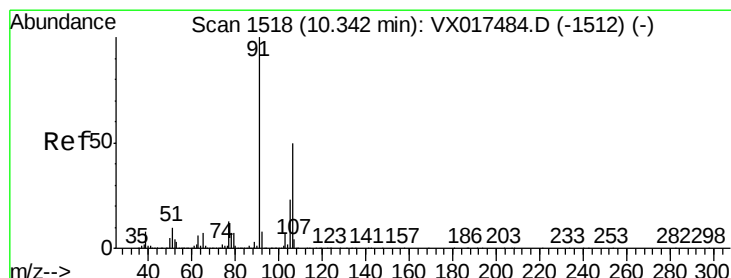
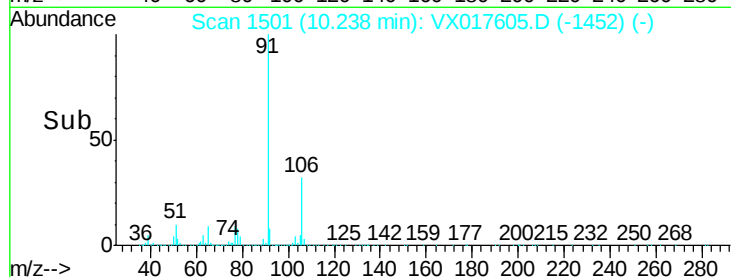
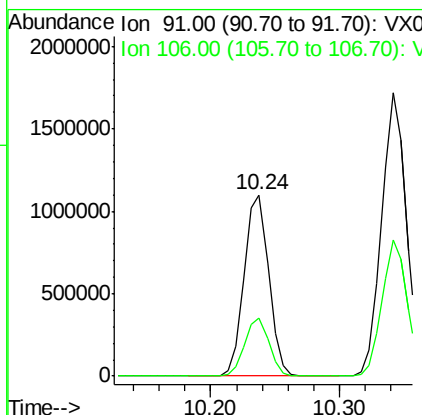
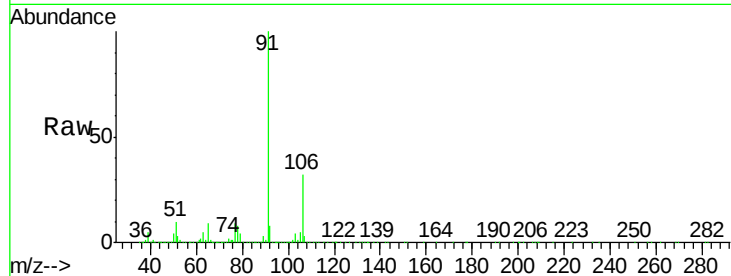
#67
Ethyl Benzene
Concen: 48.541 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1444860
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6

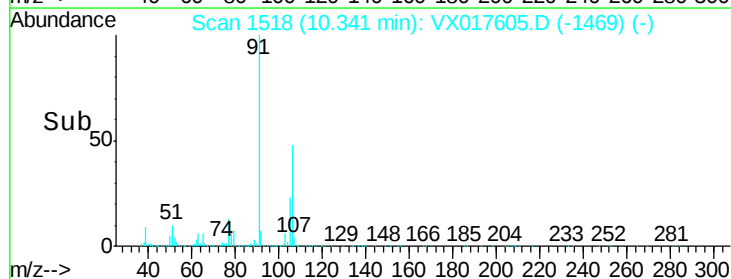
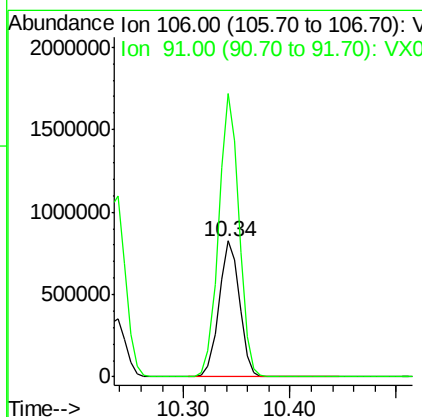
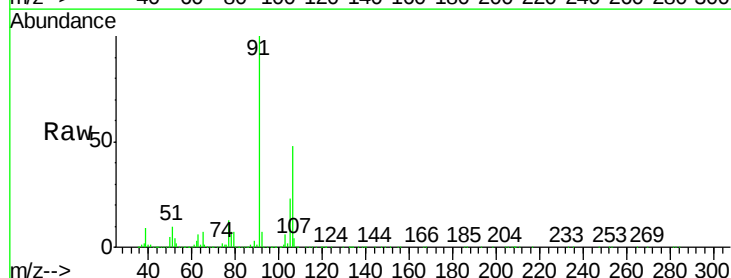
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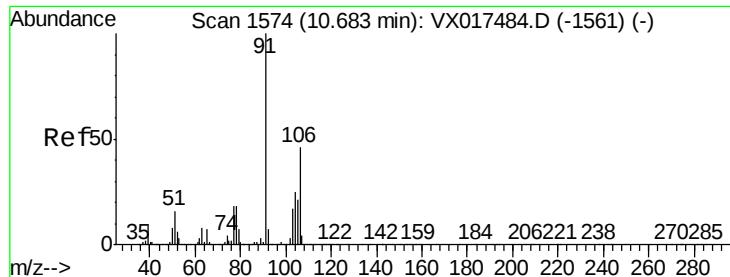
MMDadoda
7/27/2020 11:02:09 AM



#68
m/p-Xylenes
Concen: 96.294 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 106 Resp: 1110373
Ion Ratio Lower Upper
106 100
91 205.5 160.9 241.3





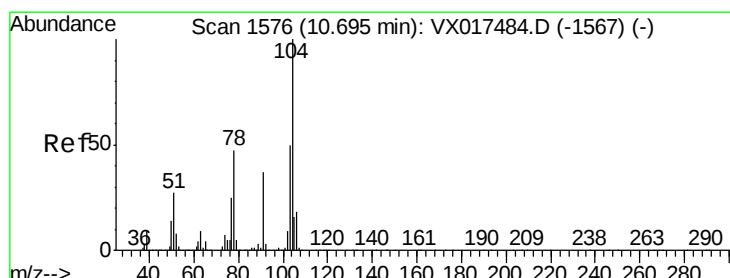
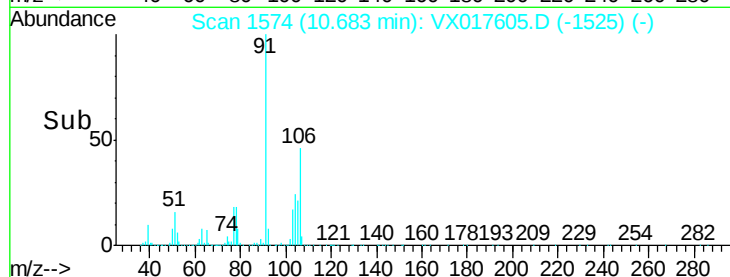
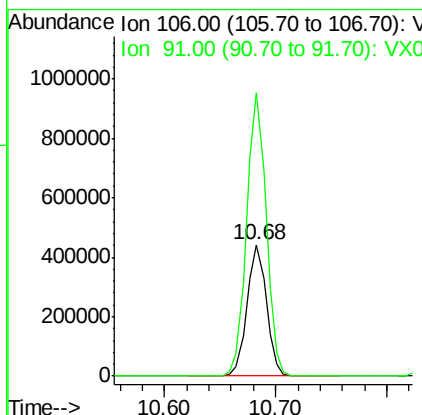
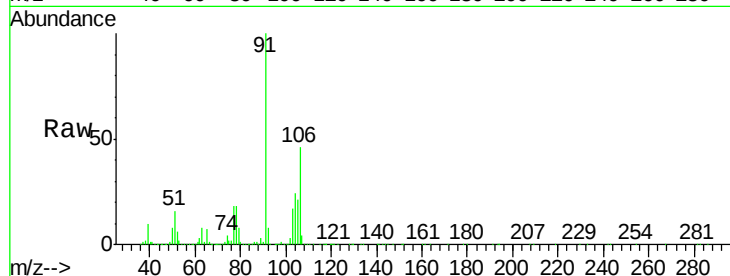
#69
o-Xylene
Concen: 48.405 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion:106 Resp: 536829
Ion Ratio Lower Upper
106 100
91 216.3 108.2 324.6

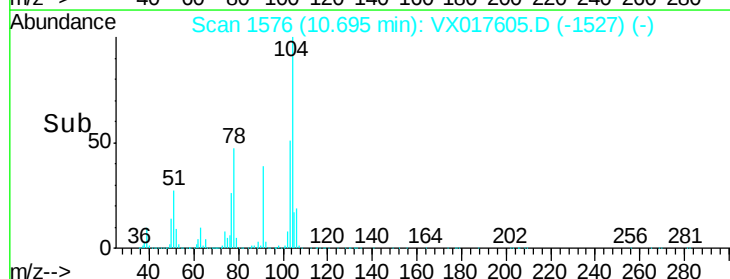
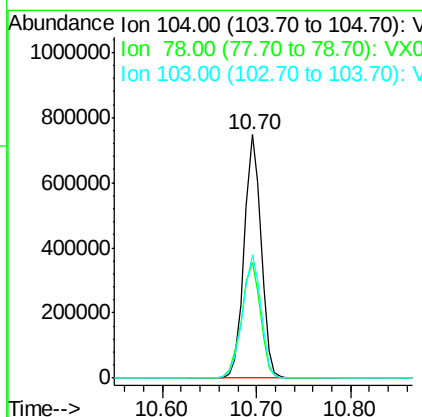
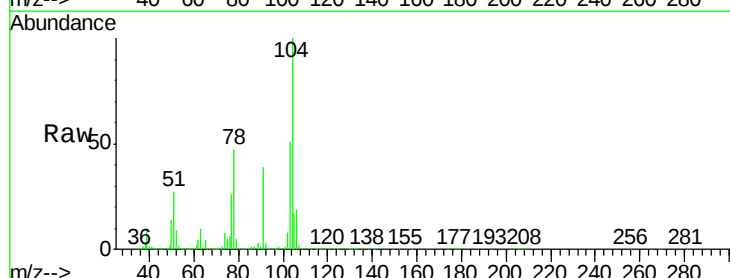
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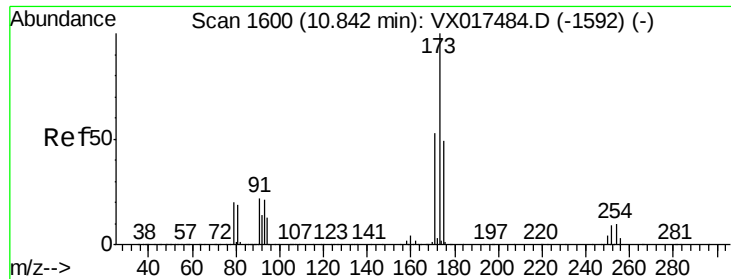
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#70
Styrene
Concen: 49.788 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion:104 Resp: 939457
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 55.1 44.3 66.5





#71

Bromoform

Concen: 48.415 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

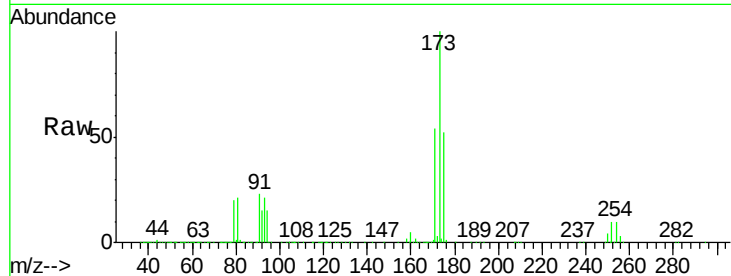
ClientSampleId :

VSTDCCC050EC

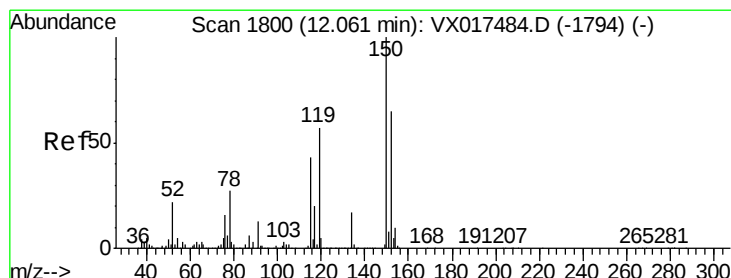
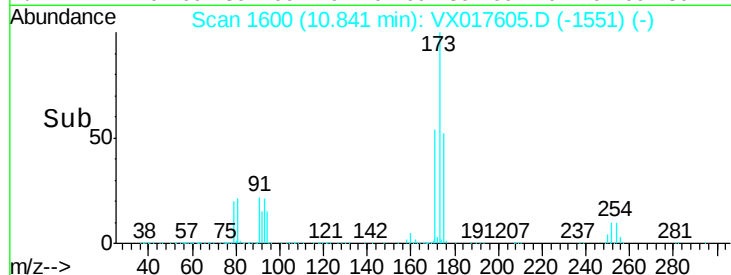
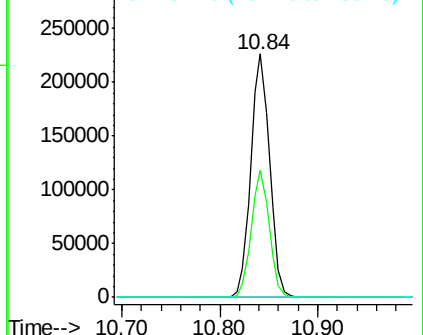
Tgt Ion:	173	Resp:	301865
Ion Ratio	Lower	Upper	
173	100		
175	50.0	23.8	71.5
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

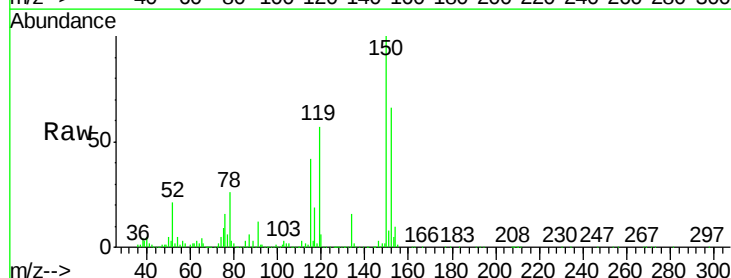
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

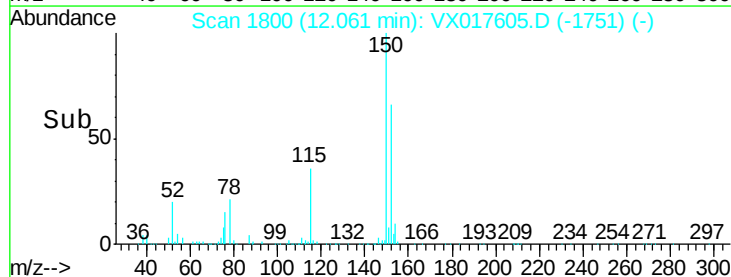
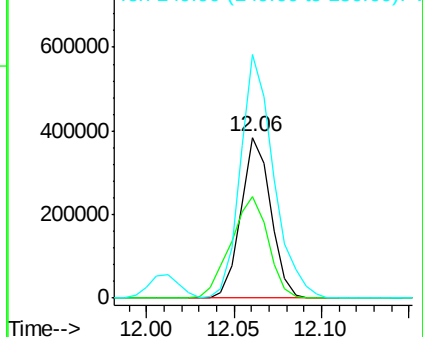
Lab File: VX017605.D

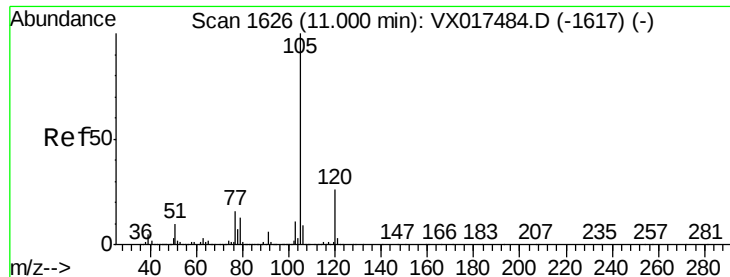
Acq: 25 Jul 2020 18:40

Tgt Ion:	152	Resp:	455317
Ion Ratio	Lower	Upper	
152	100		
115	79.1	65.5	196.6
150	168.3	0.0	412.6



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





#73

Isopropylbenzene

Concen: 46.846 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1463256

Ion Ratio Lower Upper

105 100

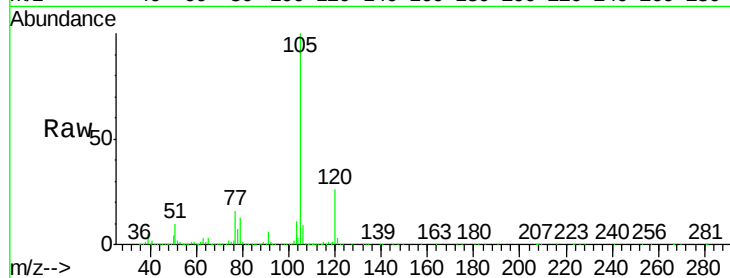
120 27.1 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

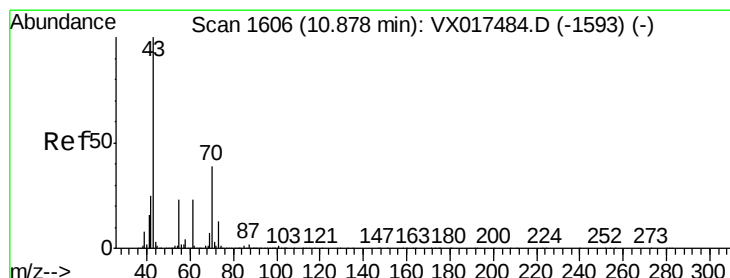
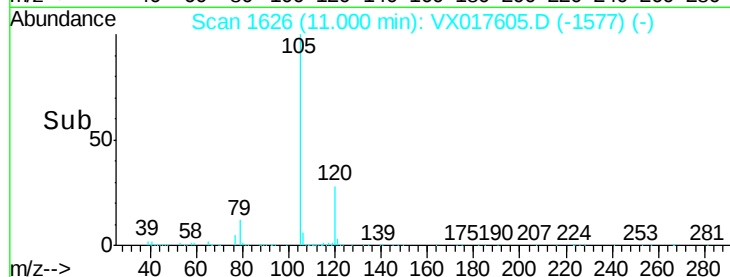
11.00

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.992 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion: 43 Resp: 679915

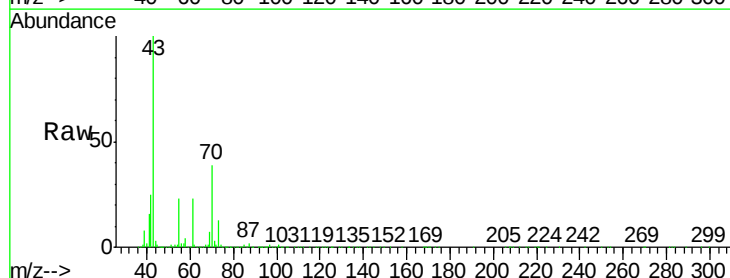
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.8 18.4 27.6

61 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

800000

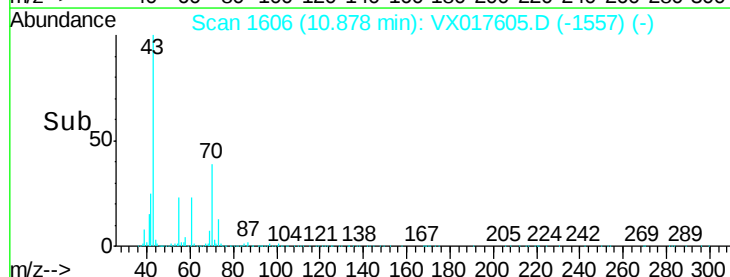
600000

400000

200000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 46.852 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 456789

Ion Ratio Lower Upper

83 100

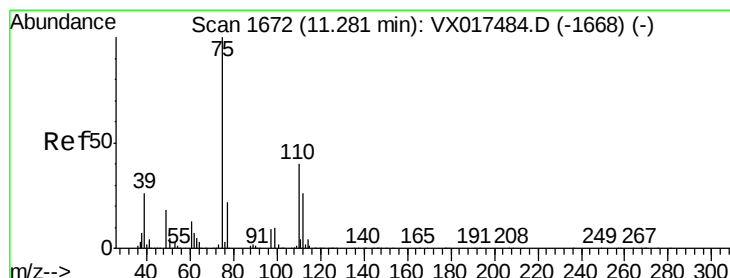
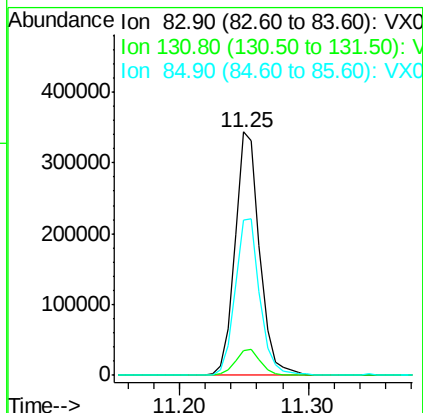
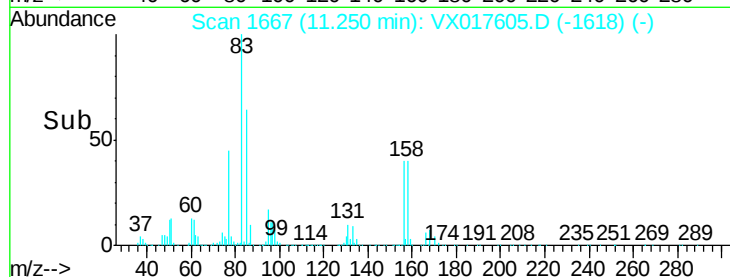
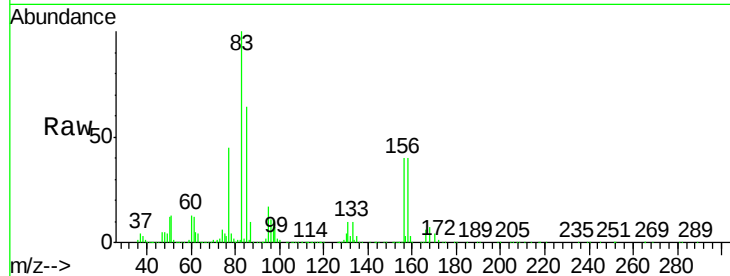
131 11.0 5.5 16.5

85 64.8 32.1 96.3

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7/27/2020 11:02:09 AM



#76

1,2,3-Trichloropropane

Concen: 47.082 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017605.D

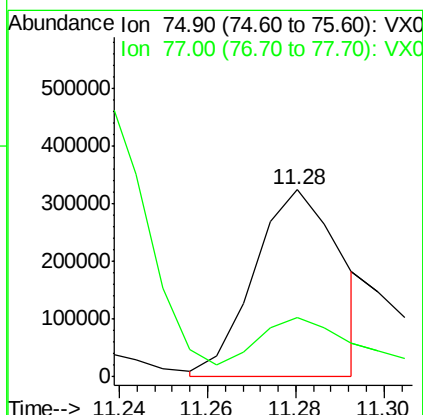
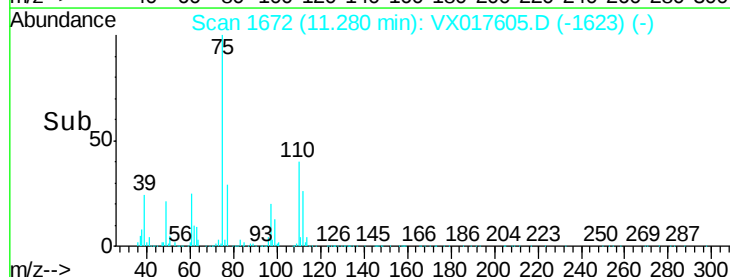
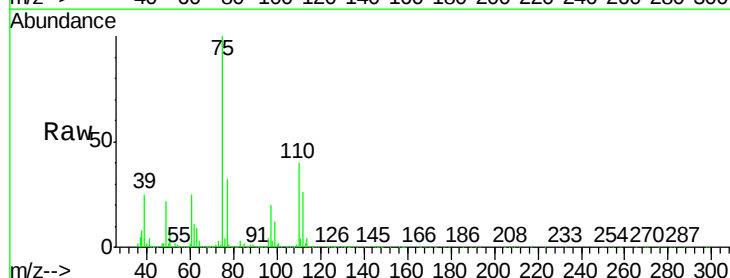
Acq: 25 Jul 2020 18:40

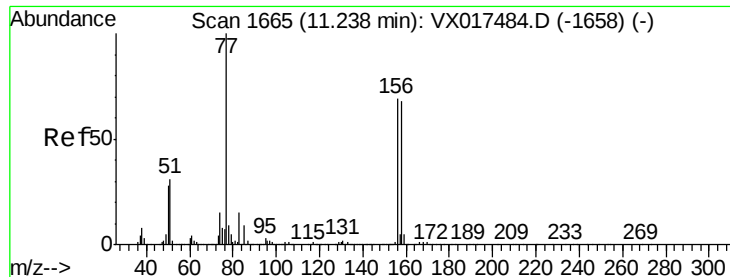
Tgt Ion: 75 Resp: 440975

Ion Ratio Lower Upper

75 100

77 39.1 21.8 65.3





#77

Bromobenzene

Concen: 46.178 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

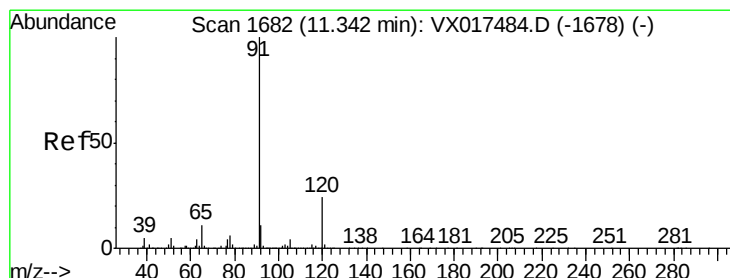
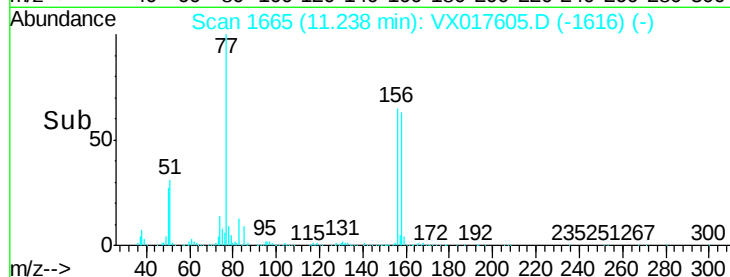
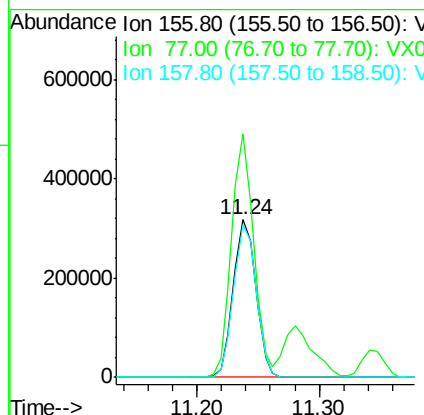
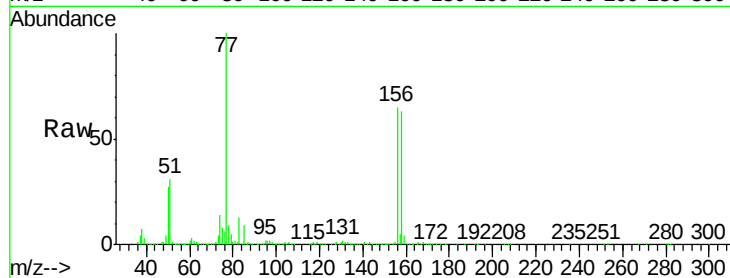
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	403800
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.0	225.0
158	98.0	49.1	147.3

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#78

n-propylbenzene

Concen: 46.961 ug/l

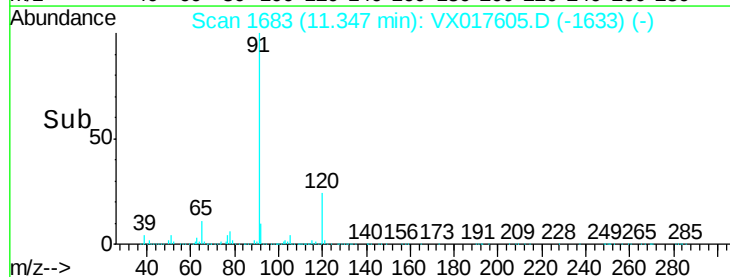
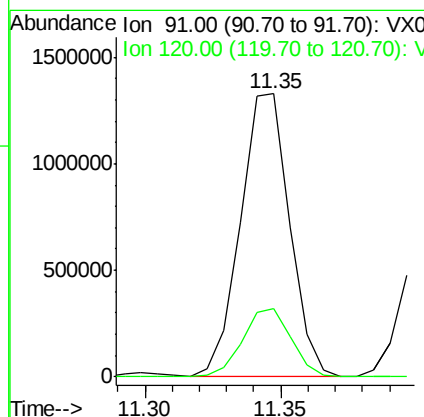
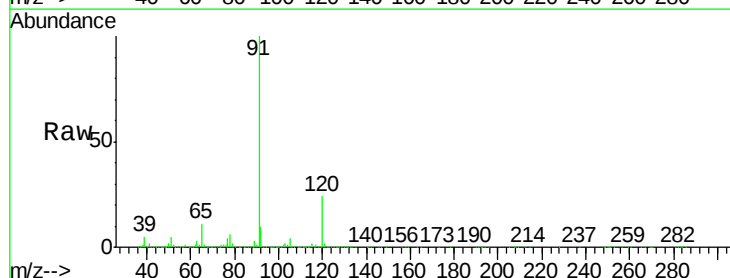
RT: 11.35 min Scan# 1683

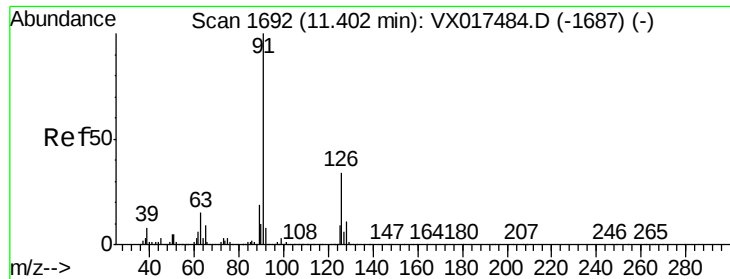
Delta R.T. 0.01 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion:	91	Resp:	1654364
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.2	36.4





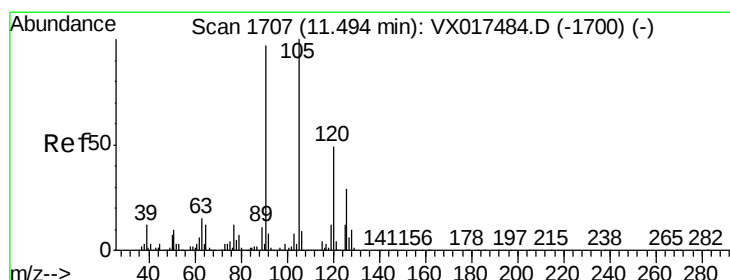
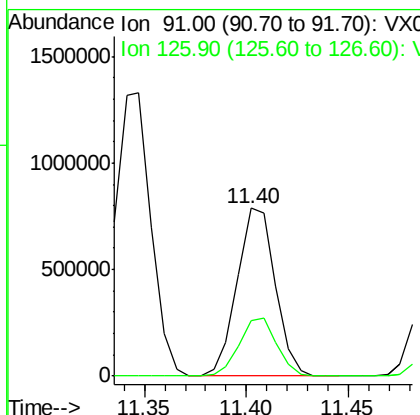
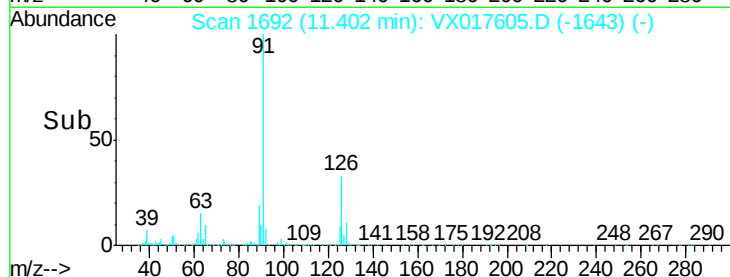
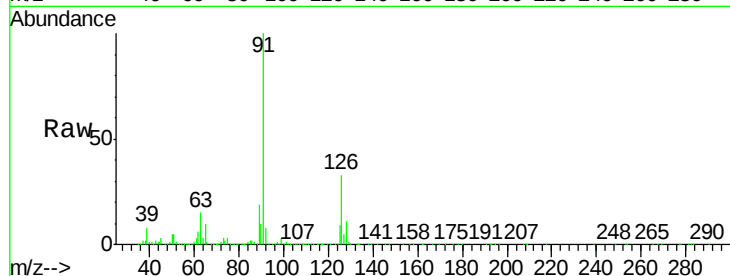
#79
2-Chlorotoluene
Concen: 46.816 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1021661
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.5

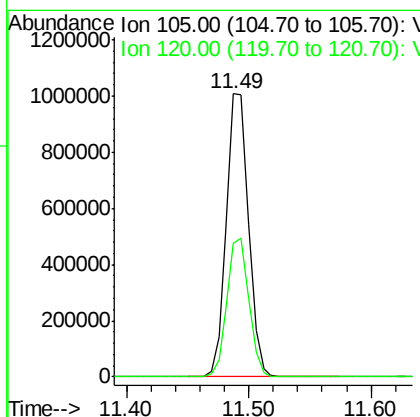
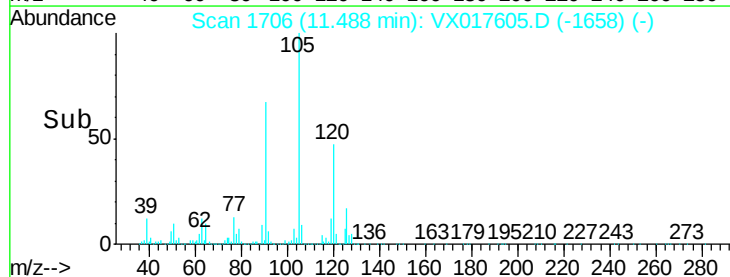
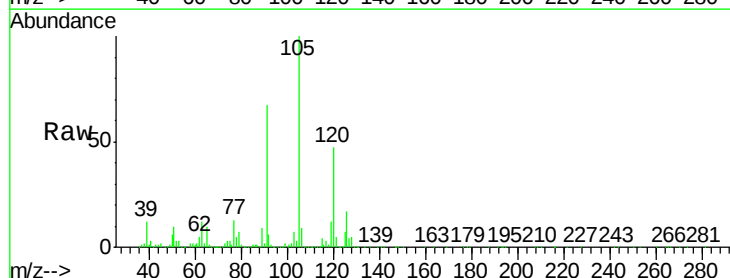
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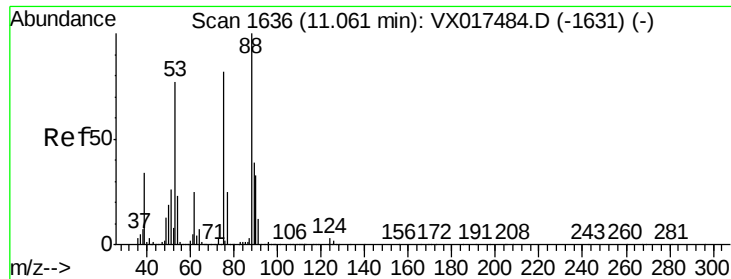
MMDadoda
7/27/2020 11:02:09 AM



#80
1,3,5-Trimethylbenzene
Concen: 47.104 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 105 Resp: 1256223
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





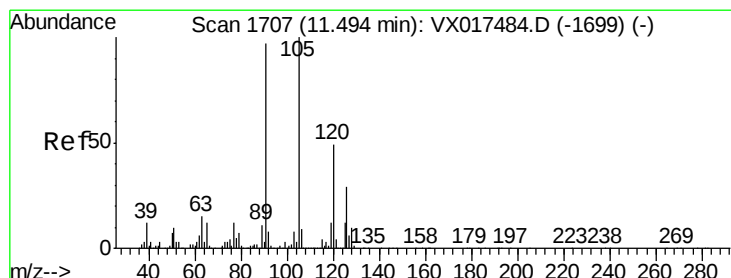
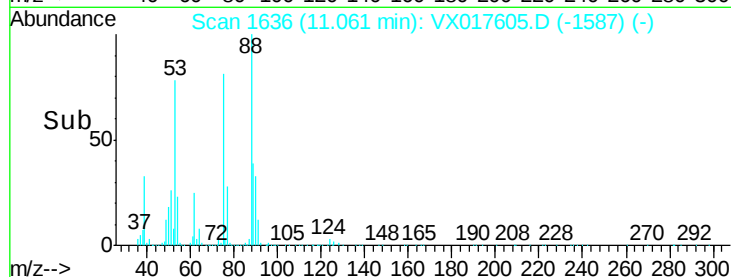
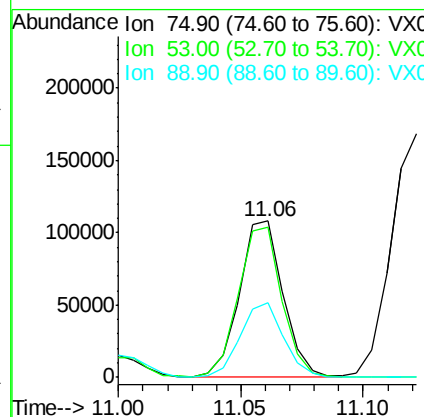
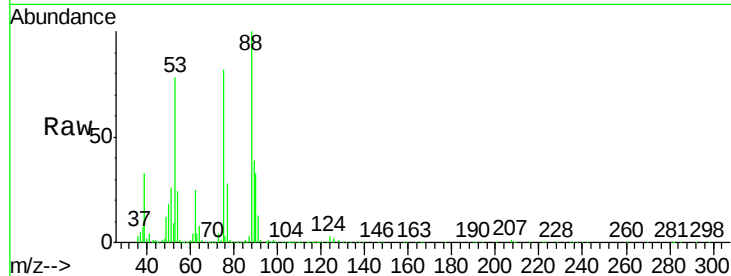
#81
trans-1,4-Dichloro-2-butene
Concen: 35.833 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.9	75.9	113.9
89	47.2	37.8	56.6

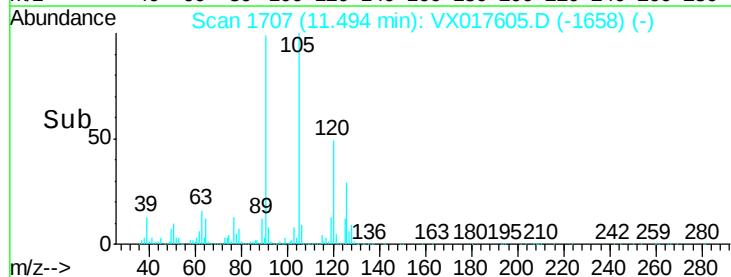
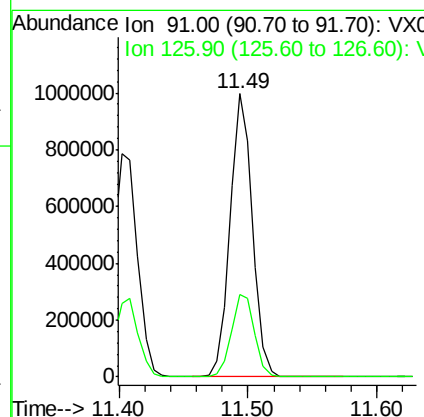
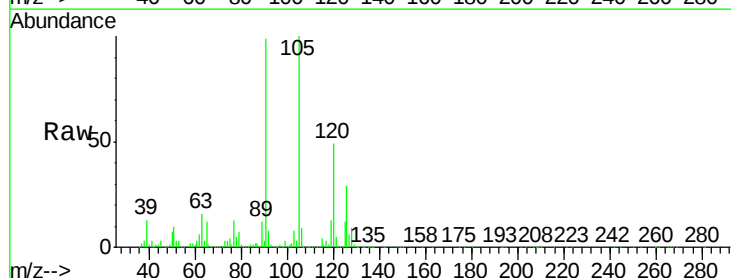
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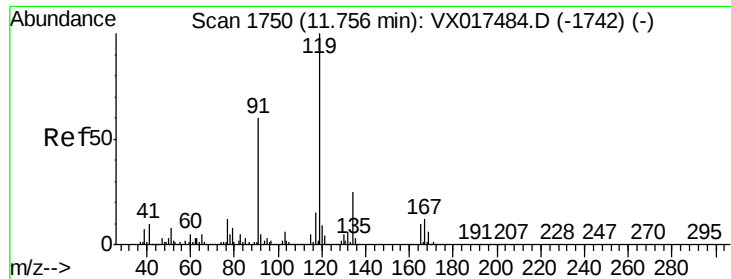
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.213 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6





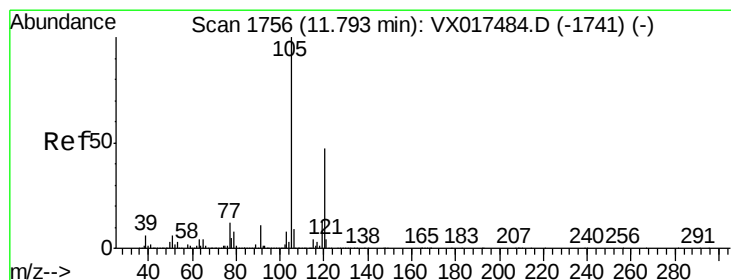
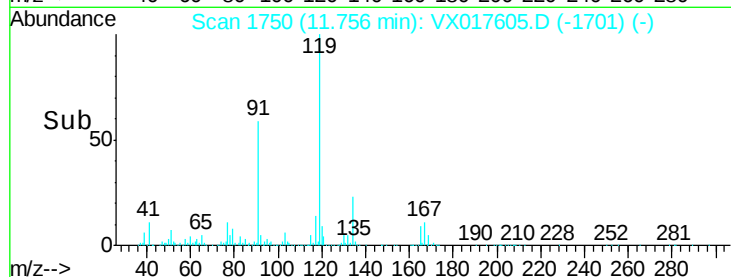
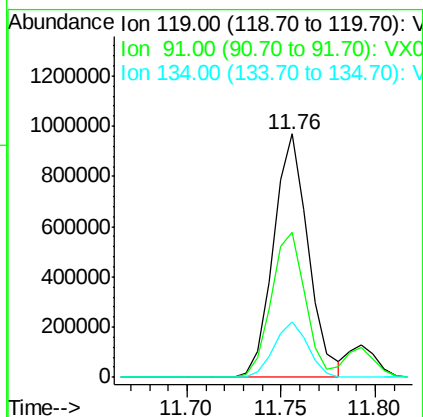
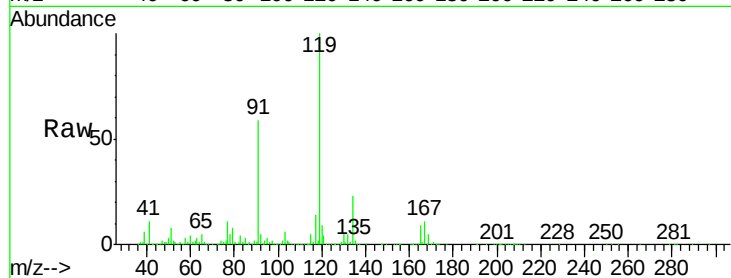
#83
 tert-Butylbenzene
 Concen: 48.433 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.3	88.0
134	22.2	11.2	33.6

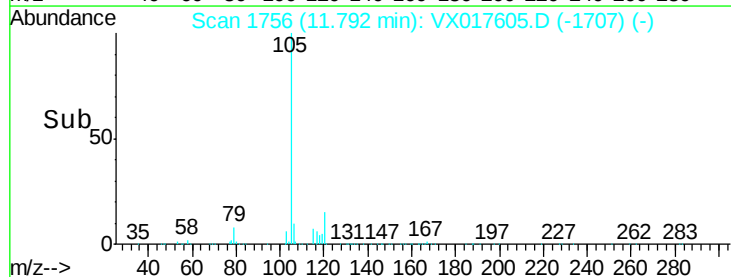
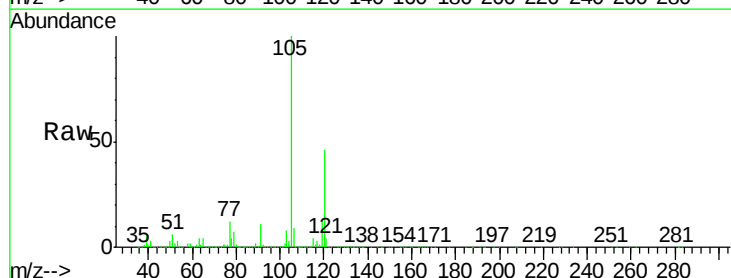
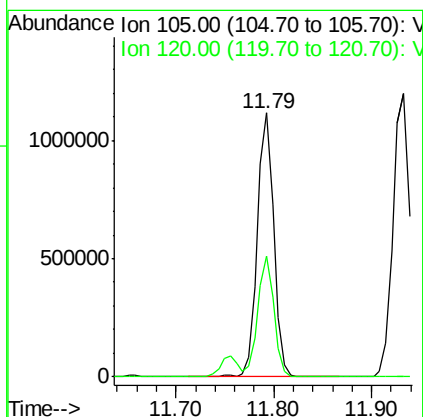
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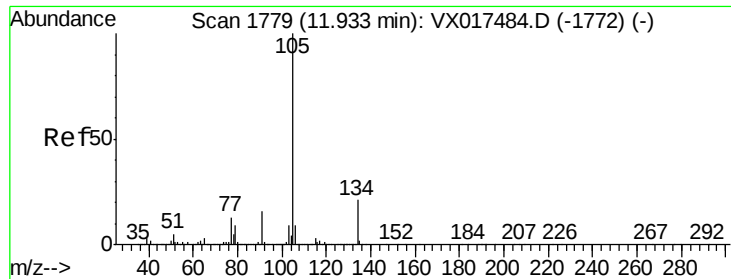
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.121 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.0





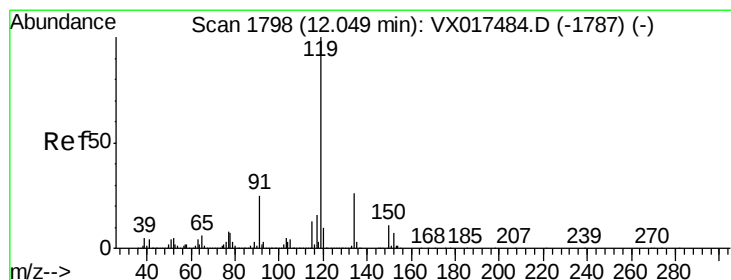
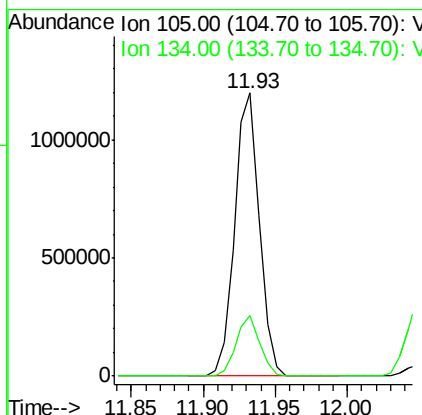
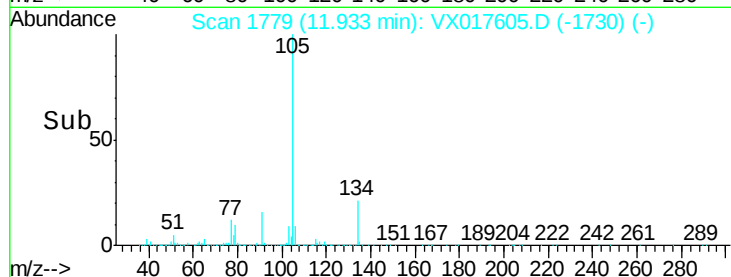
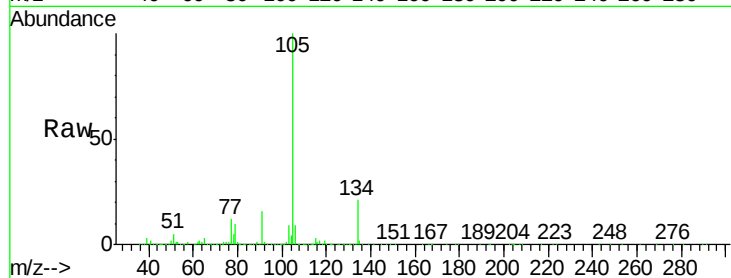
#85
 sec-Butylbenzene
 Concen: 48.214 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1433277
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2

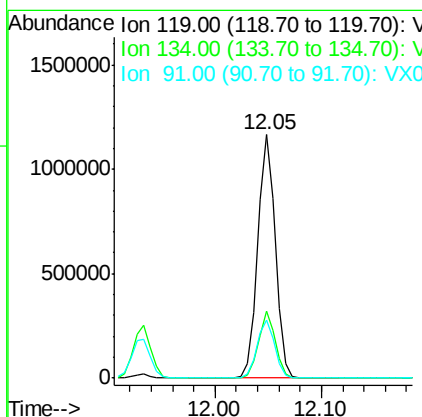
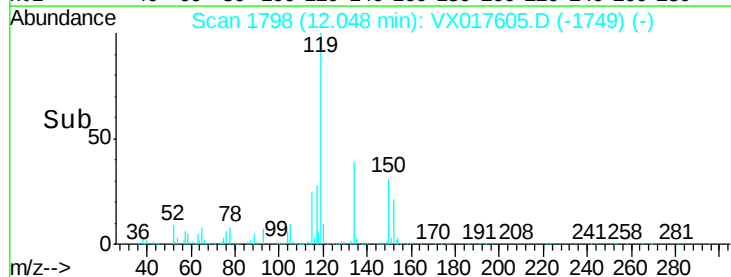
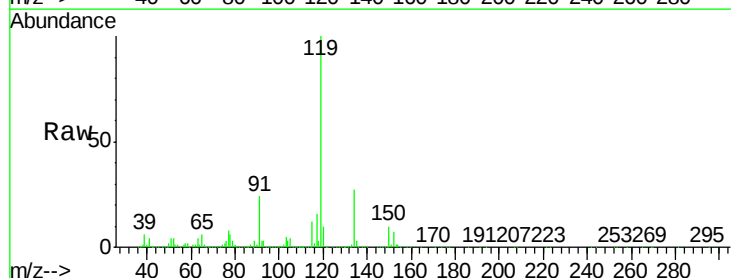
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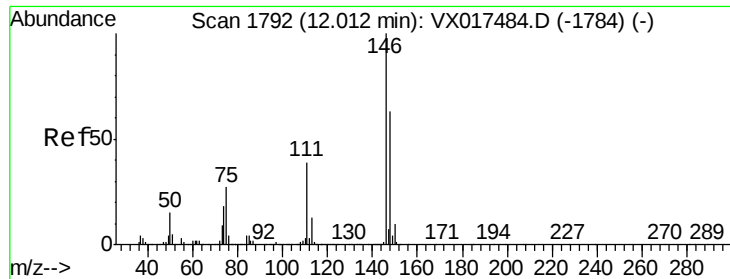
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#86
 p-Isopropyltoluene
 Concen: 47.731 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion:119 Resp: 1351227
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.9 12.1 36.3





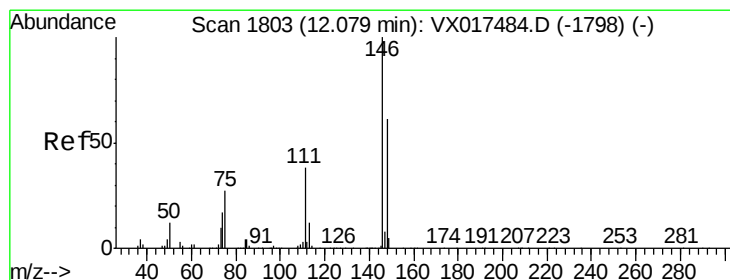
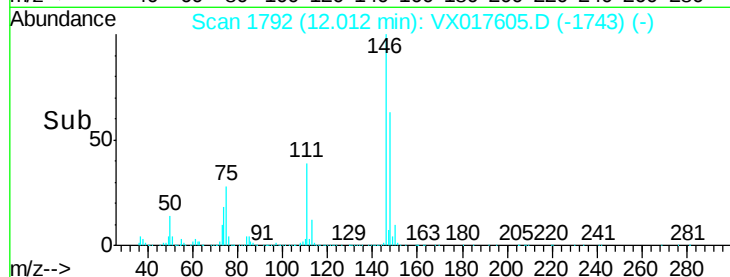
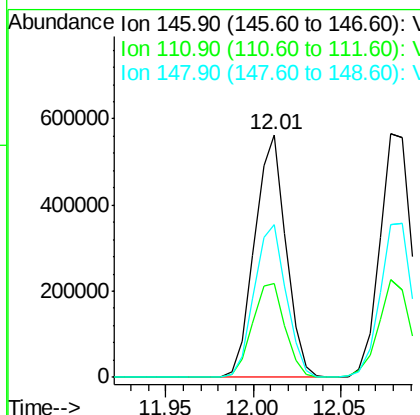
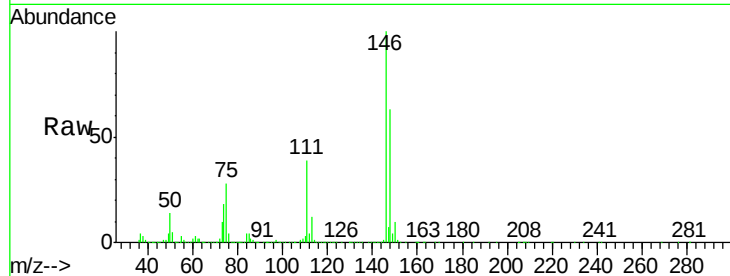
#87
 1,3-Dichlorobenzene
 Concen: 46.760 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	63.9	31.6	95.0

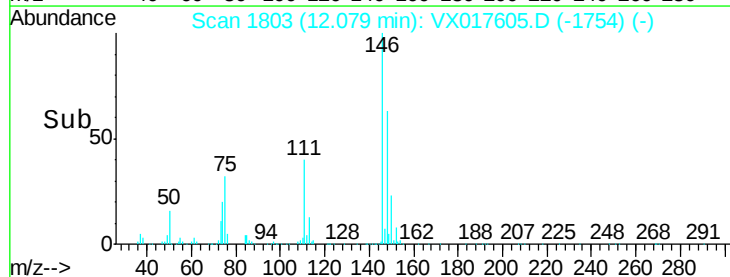
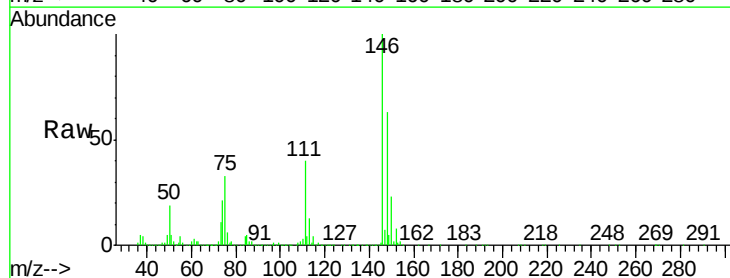
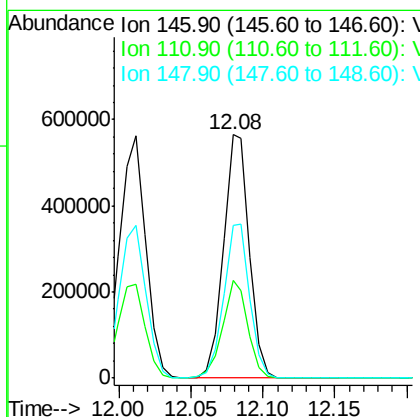
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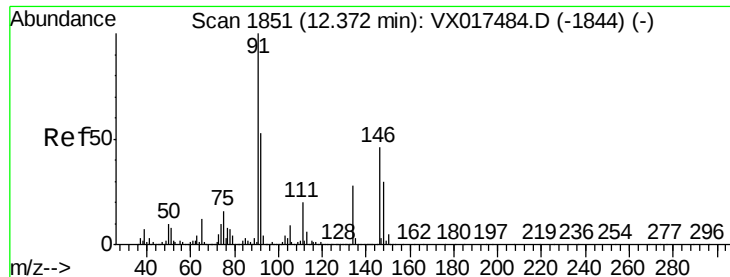
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#88
 1,4-Dichlorobenzene
 Concen: 45.787 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.8
148	63.8	32.2	96.6





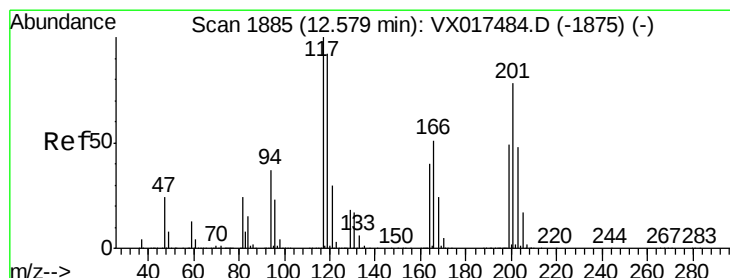
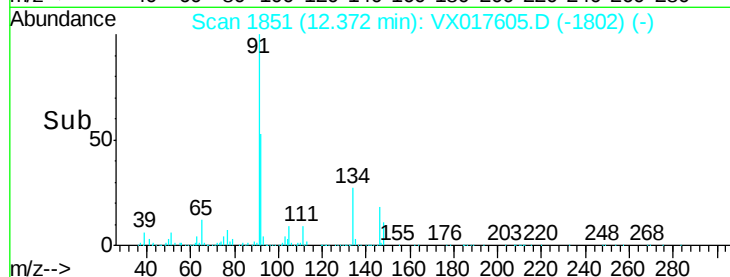
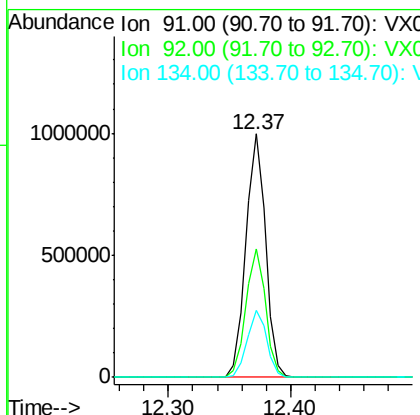
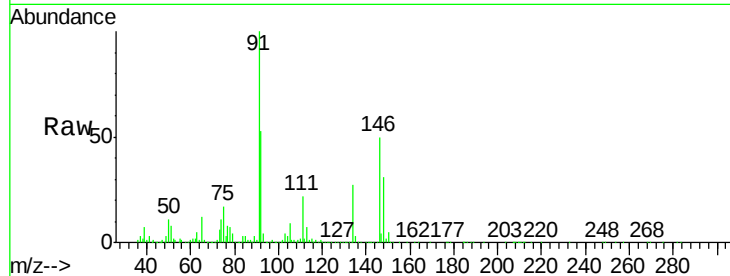
#89
n-Butylbenzene
Concen: 44.028 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1110627
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 27.6 13.6 40.7

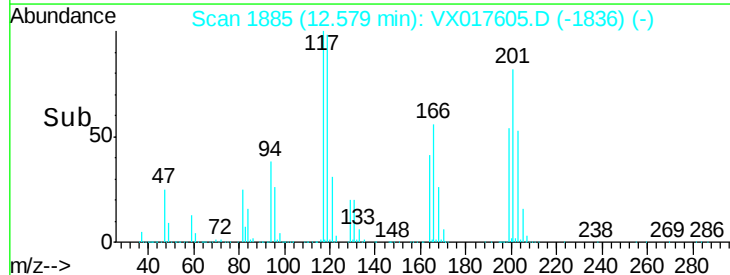
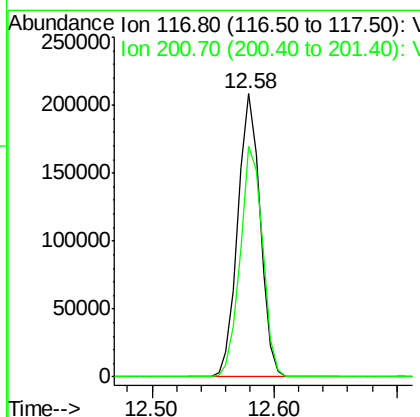
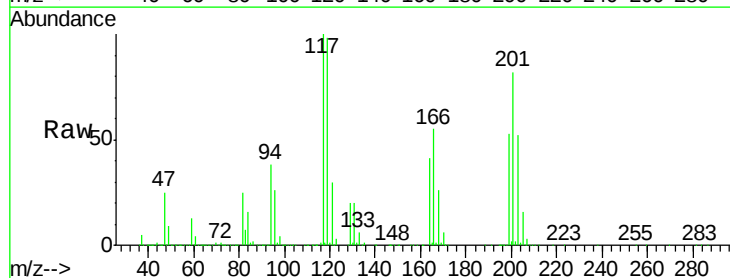
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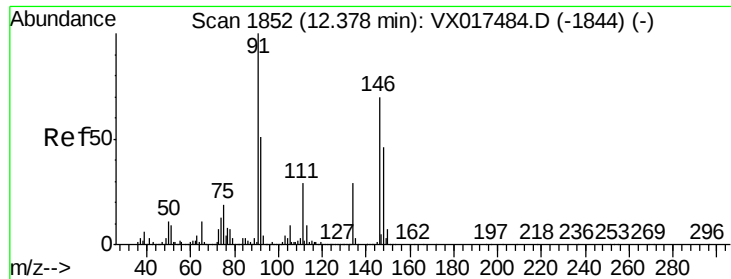
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#90
Hexachloroethane
Concen: 46.764 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion: 117 Resp: 261002
Ion Ratio Lower Upper
117 100
201 82.1 42.2 126.6





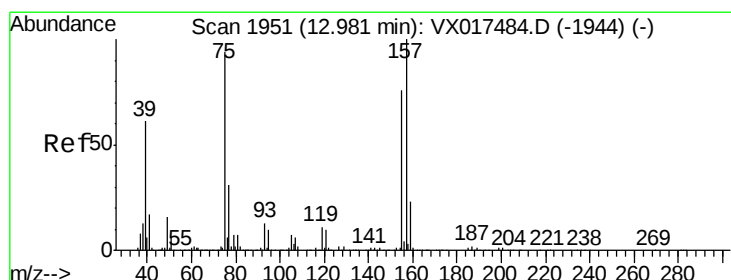
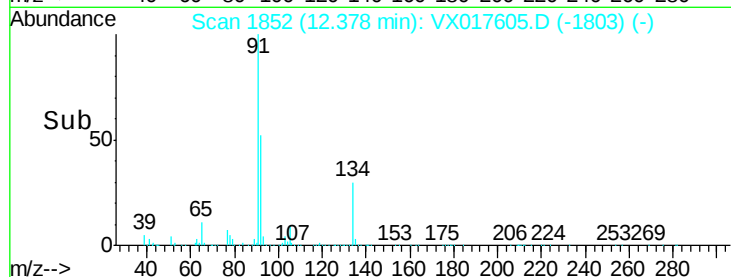
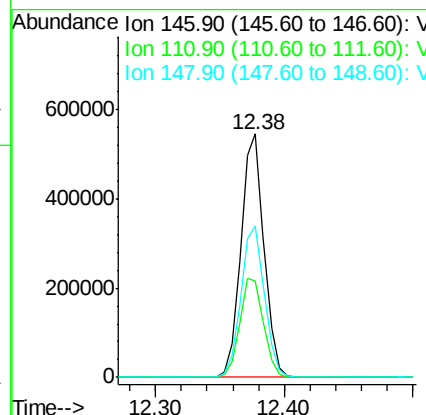
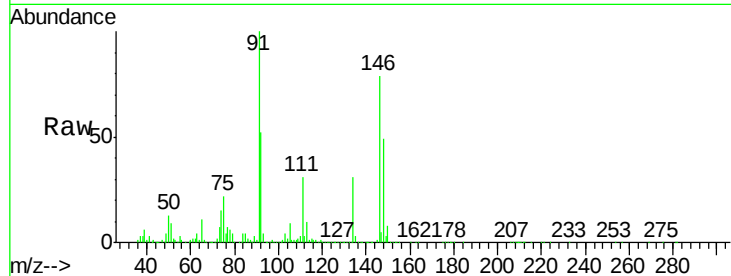
#91
 1,2-Dichlorobenzene
 Concen: 45.768 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	675472		
111	42.0	20.9	62.8	
148	63.5	32.8	98.4	

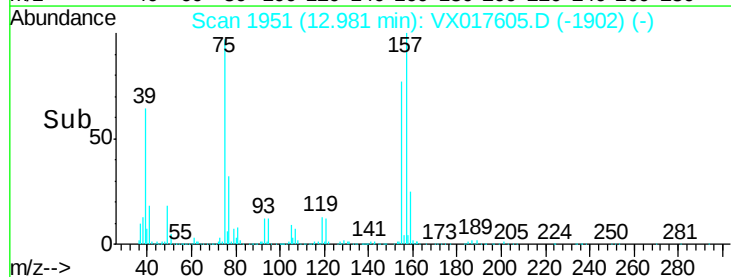
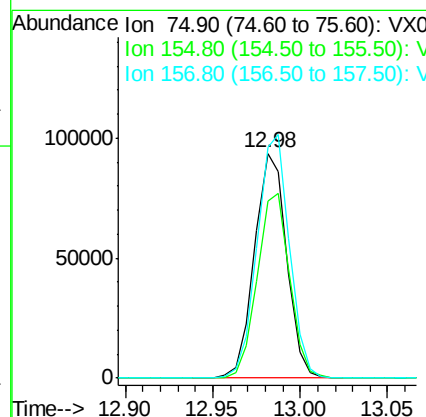
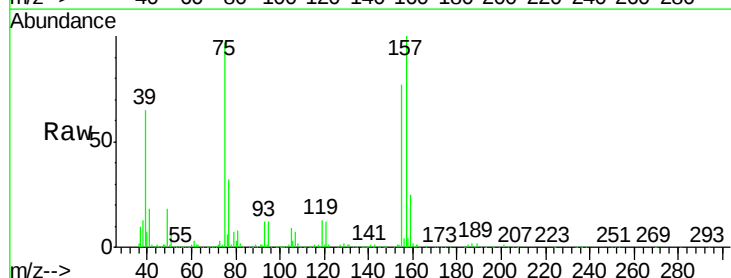
Manual Integrations
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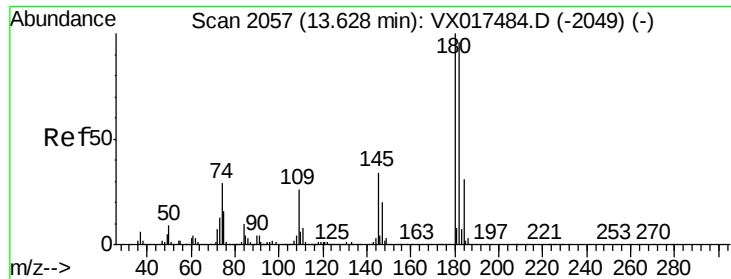
MMDadoda
 7/27/2020 11:02:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.772 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017605.D
 Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	119757		
155	83.1	42.3	126.8	
157	108.8	54.3	162.9	





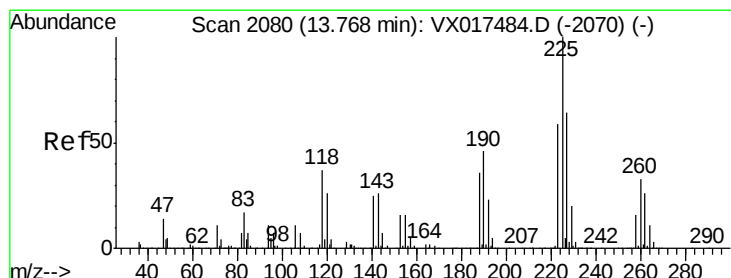
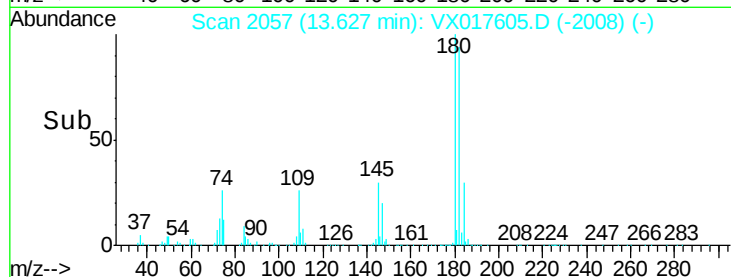
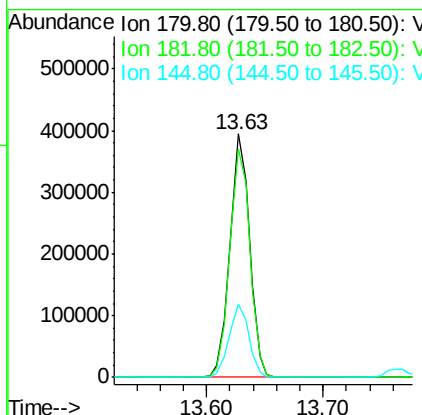
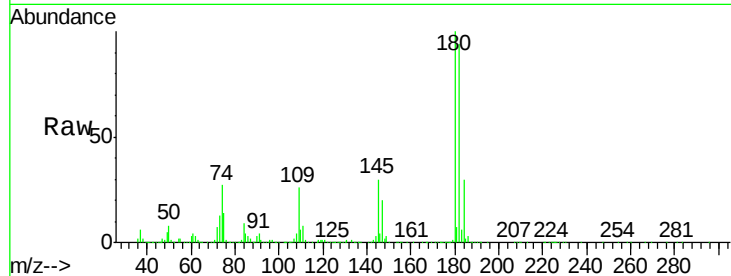
#93
1,2,4-Trichlorobenzene
Concen: 46.302 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	30.3	15.4	46.4

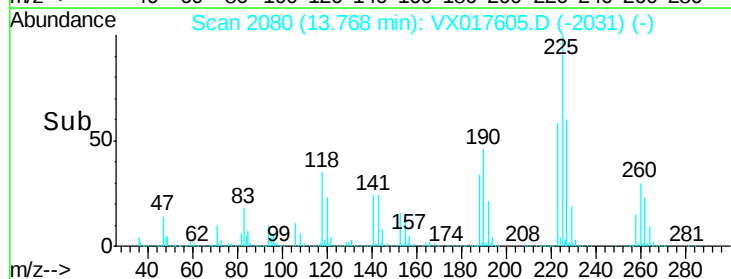
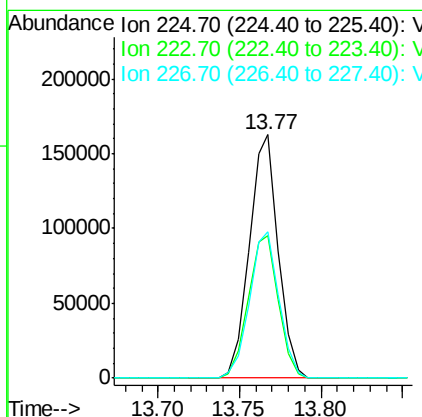
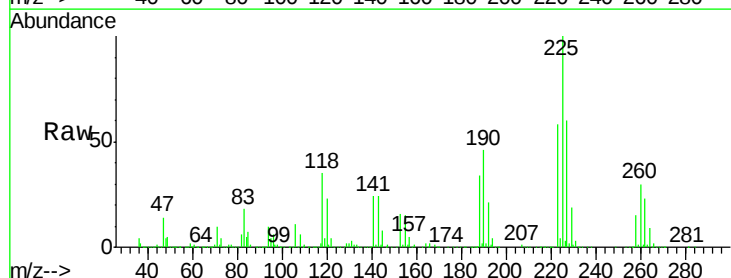
Manual Integrations
APPROVED

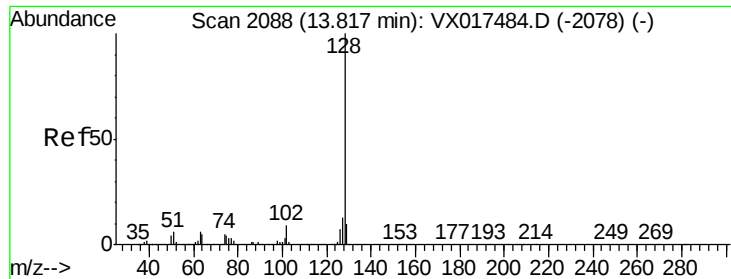
MMDadoda
7/27/2020 11:02:09 AM



#94
Hexachlorobutadiene
Concen: 43.282 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017605.D
Acq: 25 Jul 2020 18:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.3	90.9
227	61.2	31.1	93.2





#95

Naphthalene

Concen: 50.822 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Instrument :

MSVOA_X

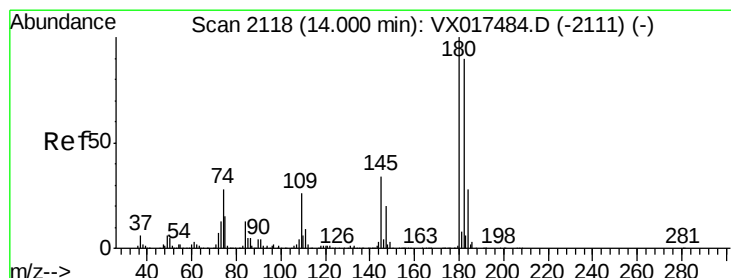
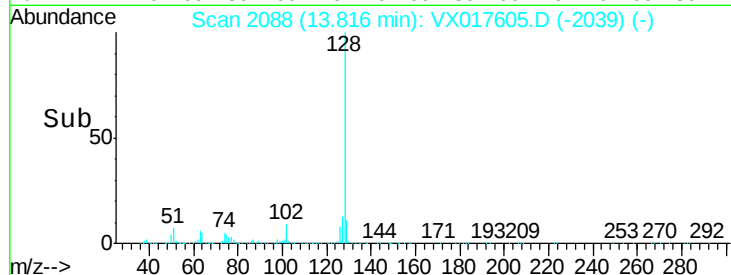
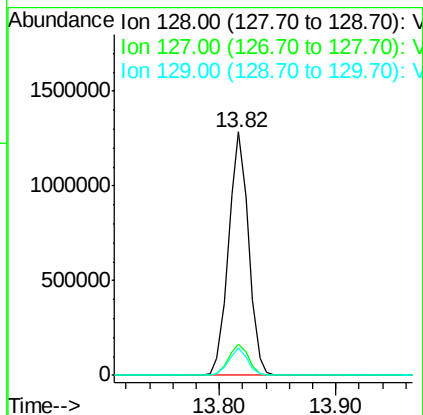
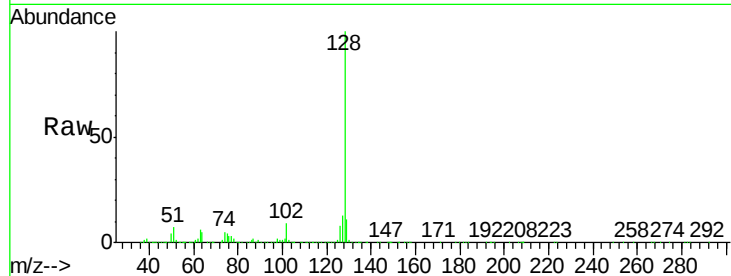
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	1528143
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.819 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017605.D

Acq: 25 Jul 2020 18:40

Tgt Ion:	180	Resp:	475588
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.3
145	32.3	16.3	48.9

