

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017530.D
 Acq On : 24 Jul 2020 06:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:55:55 AM

Quant Time: Jul 24 07:49:04 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	550363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	863353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	861290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	380642	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	5.46	113	295894	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	1098675	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.12	95	455221	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	285125	55.962	ug/l	98
3) Chloromethane	1.31	50	312238	45.927	ug/l	100
4) Vinyl Chloride	1.39	62	321433	46.412	ug/l	99
5) Bromomethane	1.62	94	183472	49.242	ug/l	95
6) Chloroethane	1.71	64	190765	49.951	ug/l	97
7) Trichlorofluoromethane	1.91	101	512924	47.086	ug/l	99
8) Diethyl Ether	2.17	74	173633	49.141	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	267056	44.674	ug/l	97
10) Methyl Iodide	2.49	142	317252	41.483	ug/l	99
11) Tert butyl alcohol	3.02	59	413451	277.486	ug/l	99
12) 1,1-Dichloroethene	2.36	96	262276	46.137	ug/l	98
13) Acrolein	2.28	56	242334	213.638	ug/l	100
14) Allyl chloride	2.70	41	486543	46.873	ug/l	99
15) Acrylonitrile	3.12	53	838981	260.699	ug/l	99
16) Acetone	2.42	43	796920	256.112	ug/l	98
17) Carbon Disulfide	2.55	76	808210	46.775	ug/l	99
18) Methyl Acetate	2.75	43	375248	51.206	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	974449	49.525	ug/l	99
20) Methylene Chloride	2.84	84	312833	53.471	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	307315	50.463	ug/l	95
22) Diisopropyl ether	3.82	45	982180	51.749	ug/l	# 88
23) Vinyl Acetate	3.79	43	4483470	264.940	ug/l	99
24) 1,1-Dichloroethane	3.67	63	553505	50.626	ug/l	99
25) 2-Butanone	4.64	43	1241365	280.829	ug/l	98
26) 2,2-Dichloropropane	4.55	77	307783	31.449	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	334585	50.583	ug/l	95
28) Bromochloromethane	4.98	49	240522	48.546	ug/l	99
29) Tetrahydrofuran	5.09	42	783971	286.321	ug/l	99
30) Chloroform	5.18	83	580486	51.962	ug/l	99
31) Cyclohexane	5.55	56	467307	53.598	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	539637	51.226	ug/l	100
36) 1,1-Dichloropropene	5.77	75	425294	51.362	ug/l	99
37) Ethyl Acetate	4.79	43	474145	52.334	ug/l	100
38) Carbon Tetrachloride	5.75	117	505178	50.240	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	464987	48.104	ug/l	100
40) Benzene	6.12	78	1213181	51.104	ug/l	98
41) Methacrylonitrile	5.01	41	264022	50.841	ug/l	99
42) 1,2-Dichloroethane	6.17	62	494298	50.896	ug/l	98
43) Isopropyl Acetate	6.42	43	766215	51.257	ug/l	99
44) Trichloroethene	7.19	130	353223	50.914	ug/l	99
45) 1,2-Dichloropropane	7.49	63	325800	49.507	ug/l	100
46) Dibromomethane	7.64	93	226749	48.755	ug/l	99
47) Bromodichloromethane	7.88	83	480142	51.308	ug/l	97
48) Methyl methacrylate	7.75	41	393041	53.043	ug/l	99
49) 1,4-Dioxane	7.71	88	170152	1197.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2487726	278.920	ug/l	98
52) Toluene	8.76	92	797610	52.390	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	504512	48.161	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	518251	48.503	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	334218	52.698	ug/l	98
56) Ethyl methacrylate	9.16	69	518893	54.306	ug/l	99
57) 1,3-Dichloropropane	9.35	76	548188	52.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1248703	248.055	ug/l	100
59) 2-Hexanone	9.48	43	1934945	288.148	ug/l	100
60) Dibromochloromethane	9.57	129	424003	52.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	367013	54.355	ug/l	100
64) Tetrachloroethene	9.32	164	354862	45.905	ug/l	96
65) Chlorobenzene	10.12	112	909844	48.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	361413	48.035	ug/l	99
67) Ethyl Benzene	10.24	91	1558884	50.093	ug/l	98
68) m/p-Xylenes	10.34	106	1197882	99.362	ug/l	97
69) o-Xylene	10.68	106	568327	49.015	ug/l	97
70) Styrene	10.70	104	1017851	51.595	ug/l	99
71) Bromoform	10.84	173	320244	49.127	ug/l #	99
73) Isopropylbenzene	11.00	105	1592775	49.669	ug/l	100
74) N-amyl acetate	10.88	43	733837	51.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	479328	47.888	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	461006m	47.944	ug/l	
77) Bromobenzene	11.24	156	431872	48.107	ug/l	98
78) n-propylbenzene	11.35	91	1829185	50.576	ug/l	98
79) 2-Chlorotoluene	11.40	91	1089005	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1378557	50.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	156375	40.978	ug/l	98
82) 4-Chlorotoluene	11.49	91	1299226	49.161	ug/l	100
83) tert-Butylbenzene	11.76	119	1323269	50.509	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1387602	50.954	ug/l	99
85) sec-Butylbenzene	11.93	105	1552537	50.871	ug/l	100
86) p-Isopropyltoluene	12.05	119	1468825	50.539	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	732025	47.484	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	748639	46.882	ug/l	99
89) n-Butylbenzene	12.37	91	1235928	47.724	ug/l	100
90) Hexachloroethane	12.58	117	274210	47.856	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	710346	46.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	125328	44.570	ug/l	98

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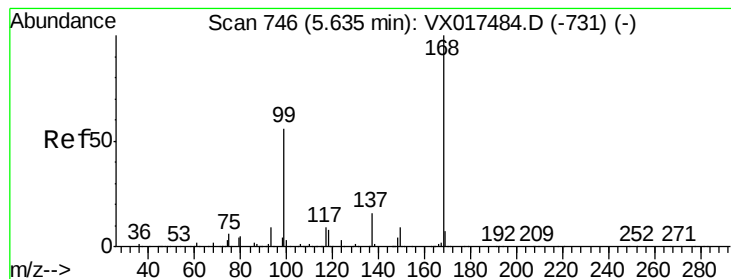
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	500964	48.445	ug/l	100
94) Hexachlorobutadiene	13.77	225	213659	44.886	ug/l	97
95) Naphthalene	13.82	128	1610782	52.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	503975	49.359	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 550363

Ion Ratio Lower Upper

168 100

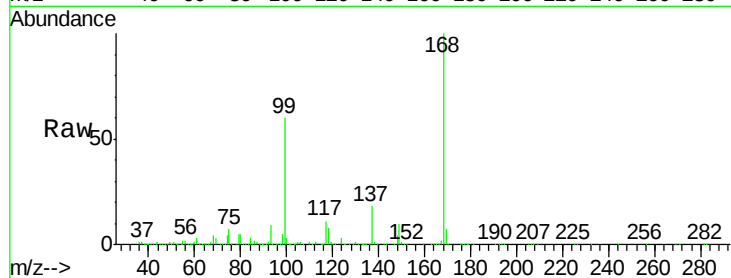
99 60.1 43.4 65.2

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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

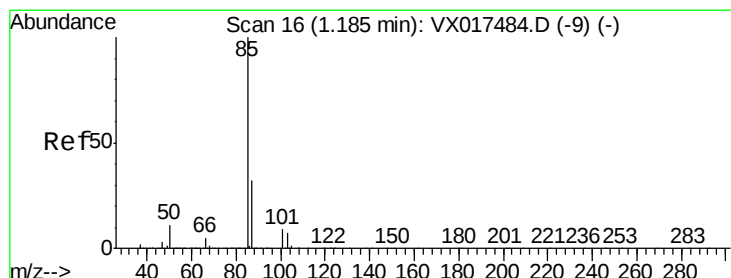
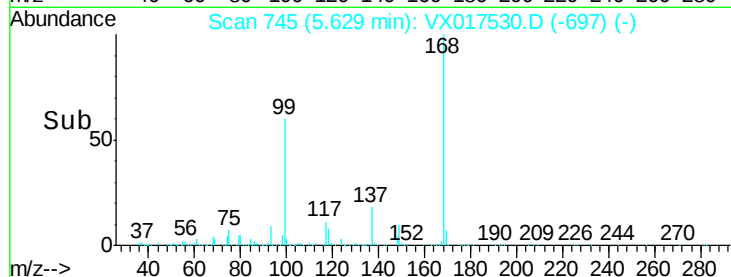
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 55.962 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017530.D

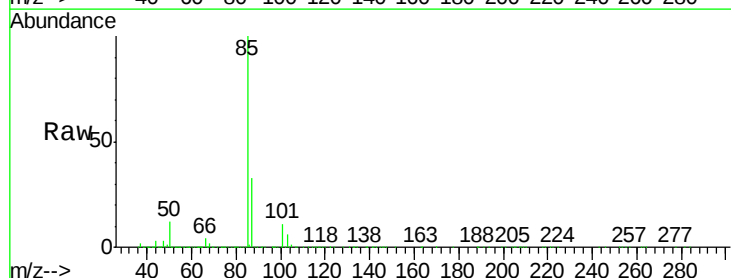
Acq: 24 Jul 2020 06:48

Tgt Ion: 85 Resp: 285125

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

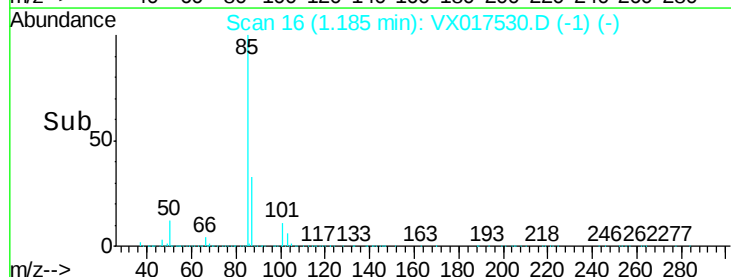
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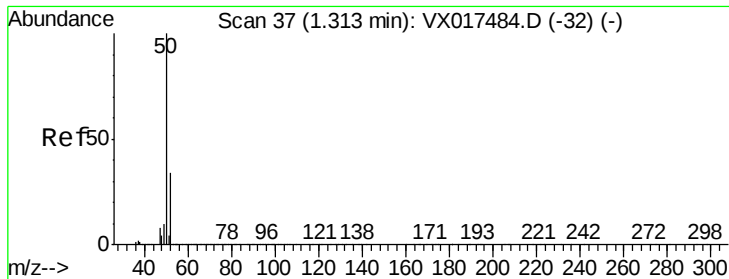
100000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.927 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 312238

Ion Ratio Lower Upper

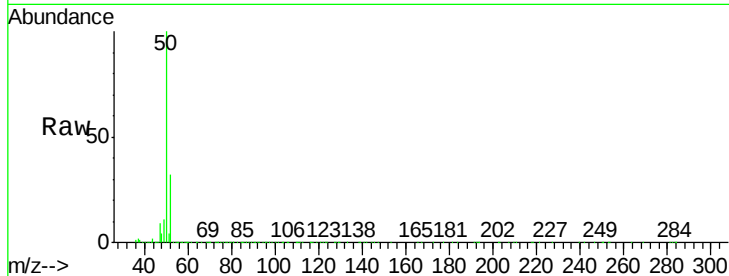
50 100

52 32.3 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

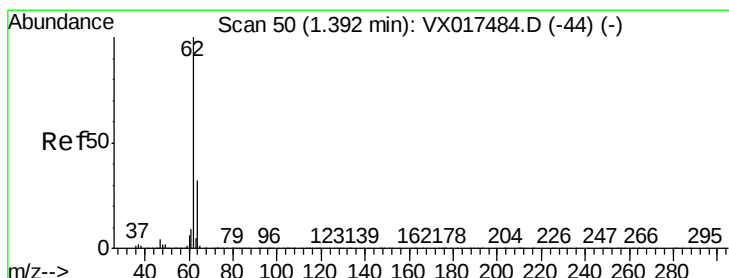
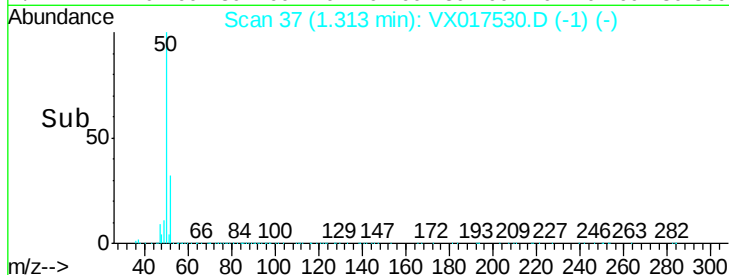
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 46.412 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017530.D

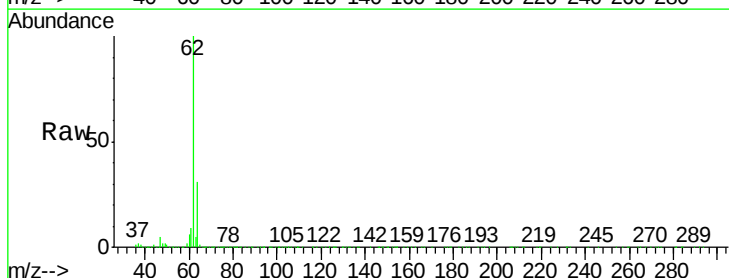
Acq: 24 Jul 2020 06:48

Tgt Ion: 62 Resp: 321433

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

400000

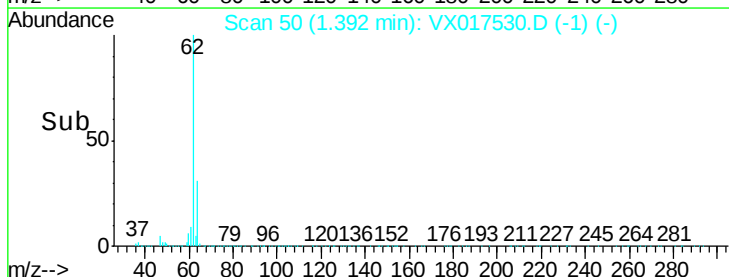
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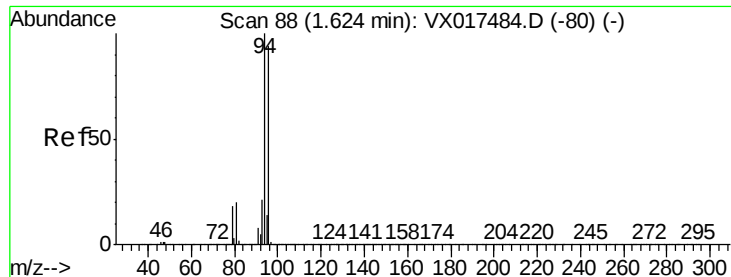
200000

100000

0

Time-->





#5

Bromomethane

Concen: 49.242 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 183472

Ion Ratio Lower Upper

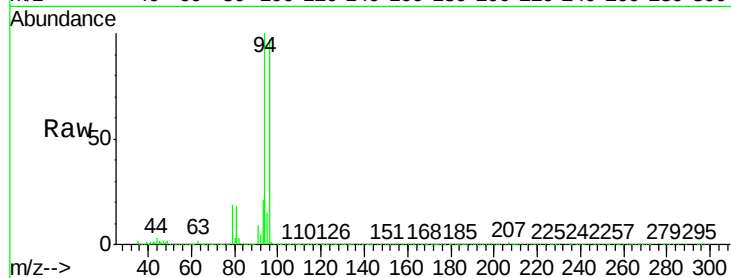
94 100

96 97.3 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

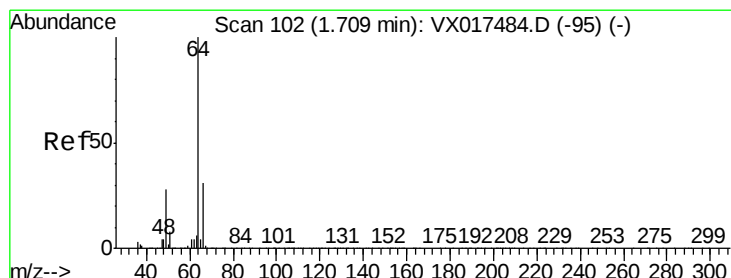
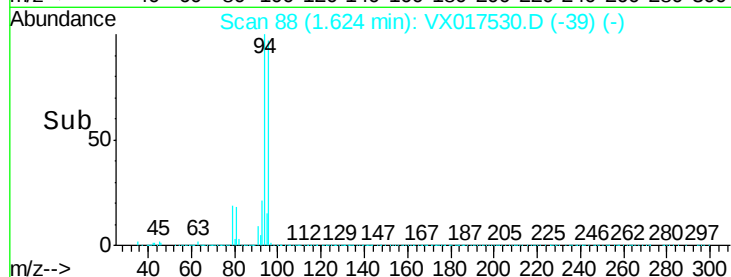
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.951 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017530.D

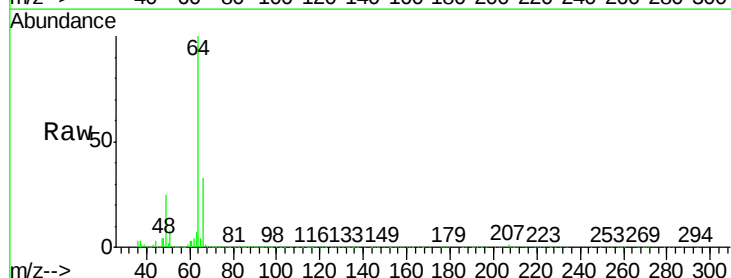
Acq: 24 Jul 2020 06:48

Tgt Ion: 64 Resp: 190765

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

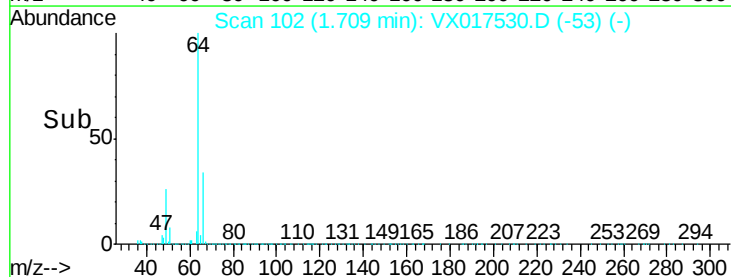
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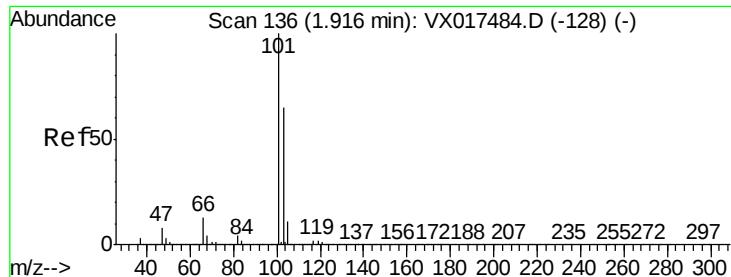
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50000

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Time-->





#7

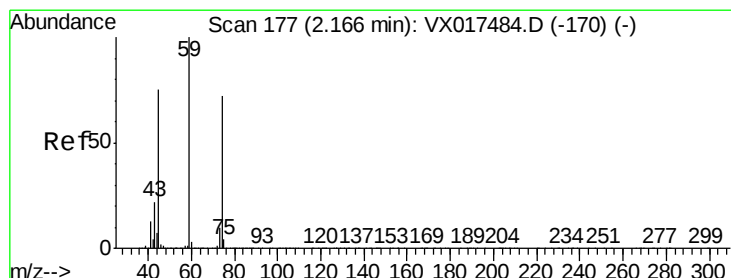
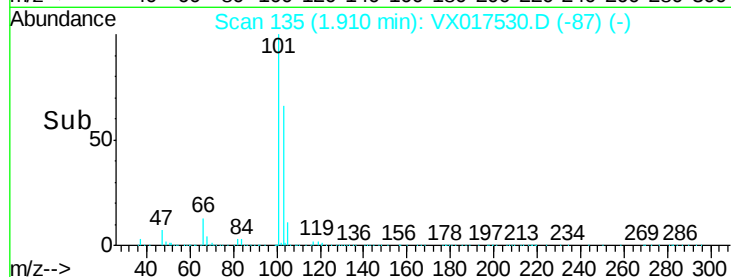
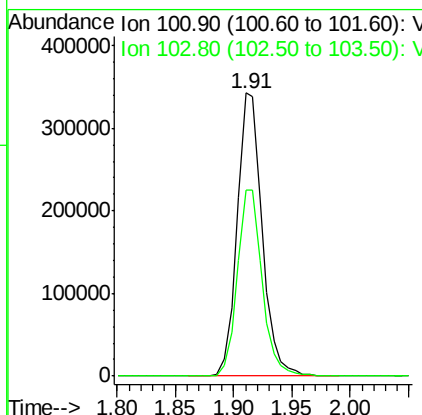
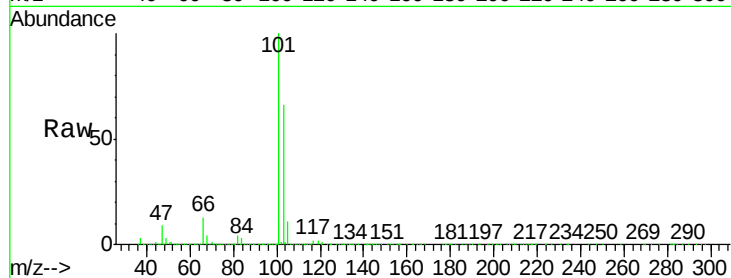
Trichlorofluoromethane
 Concen: 47.086 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.8

Manual Integrations
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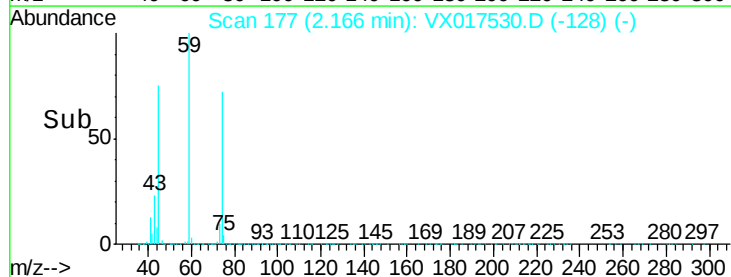
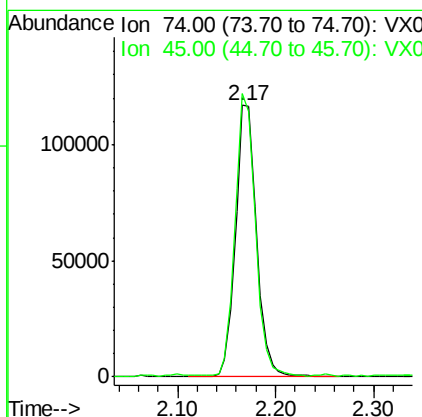
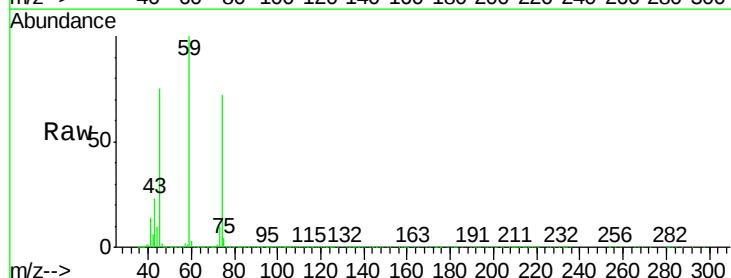
MMDadoda
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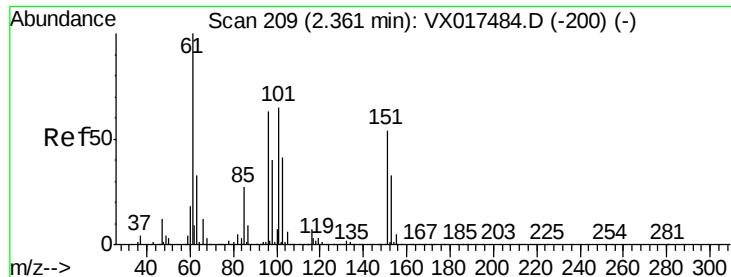


#8

Diethyl Ether
 Concen: 49.141 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.674 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

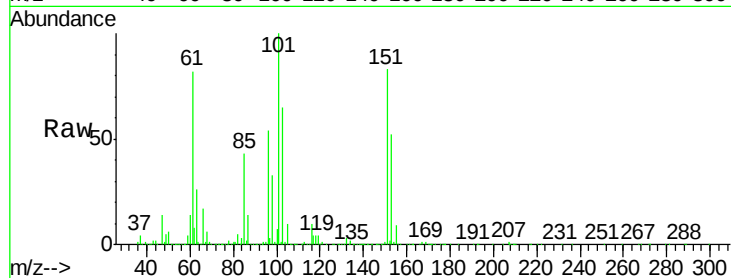
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	267056
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.8	52.2
151	81.6	68.0	102.0

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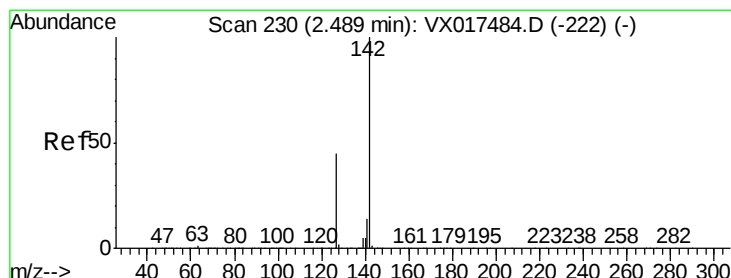
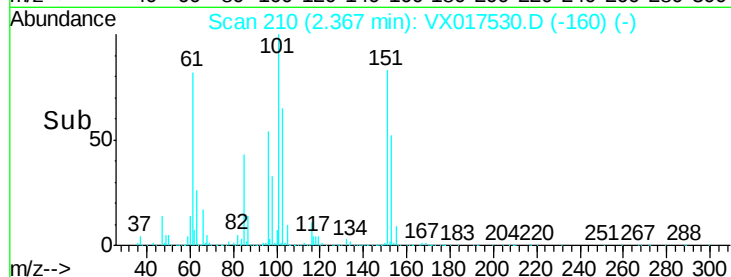
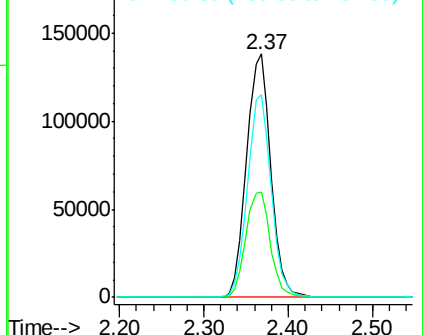
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.483 ug/l

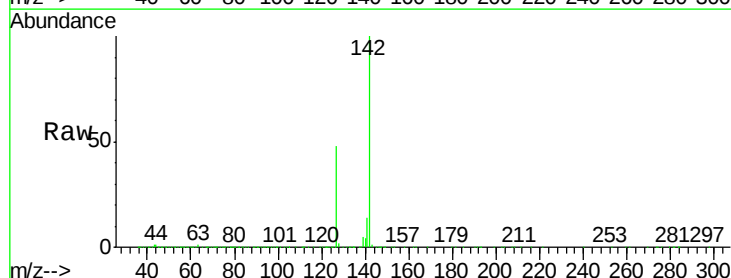
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

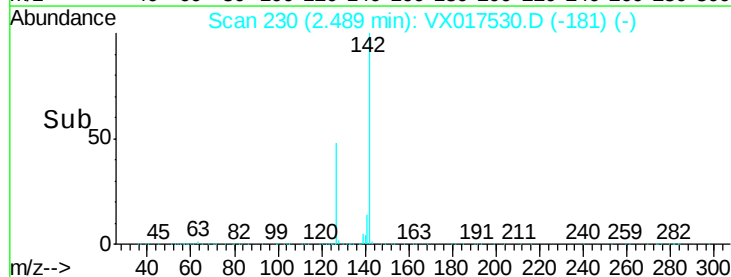
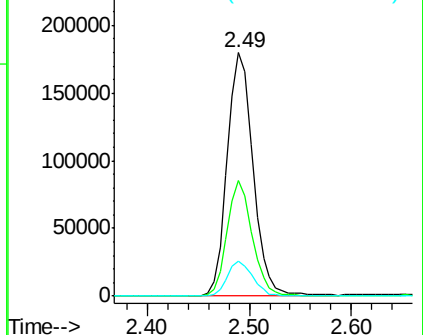
Tgt Ion:	142	Resp:	317252
Ion Ratio	Lower	Upper	
142	100		
127	45.7	35.9	53.9
141	14.2	11.4	17.0

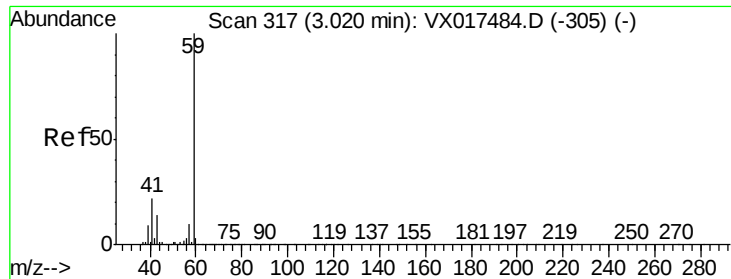


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





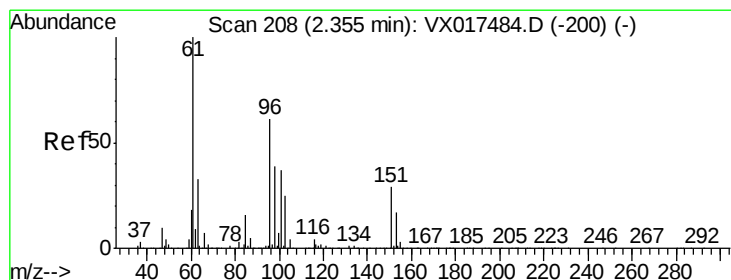
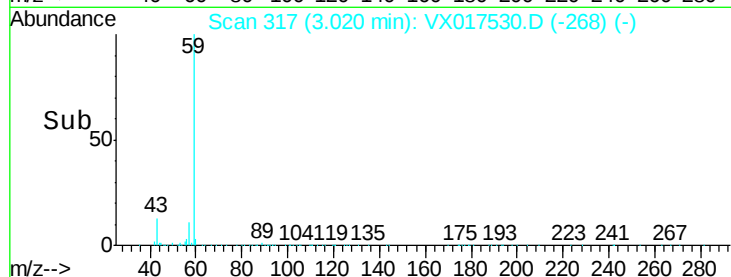
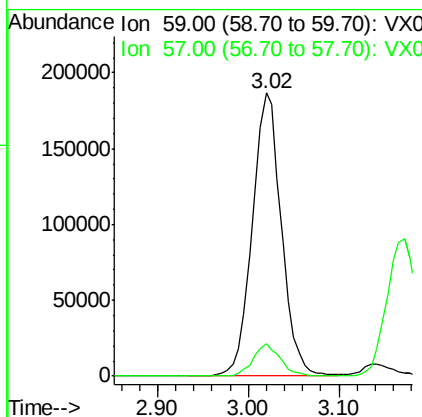
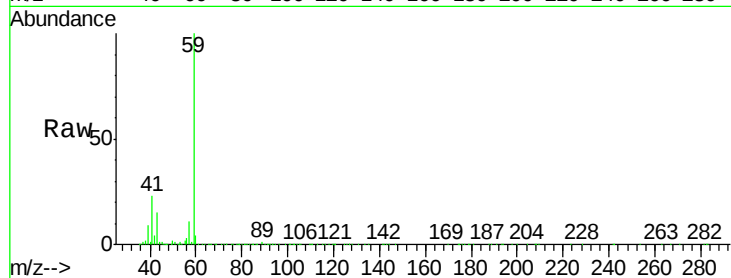
#11
Tert butyl alcohol
Concen: 277.486 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 413451
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

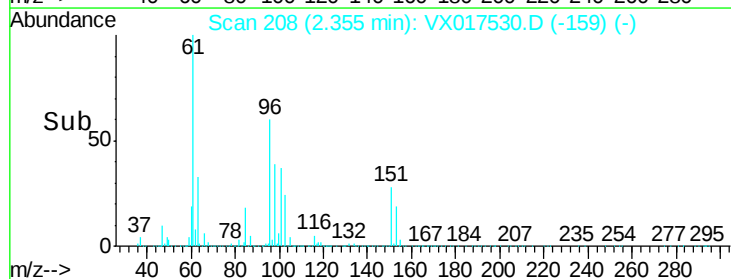
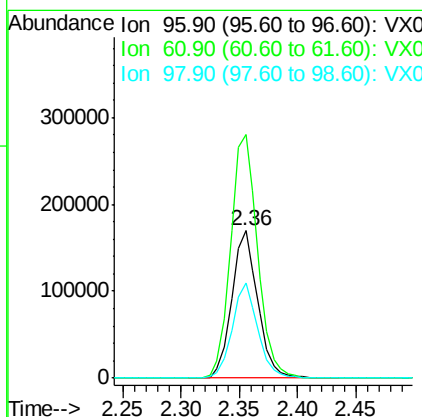
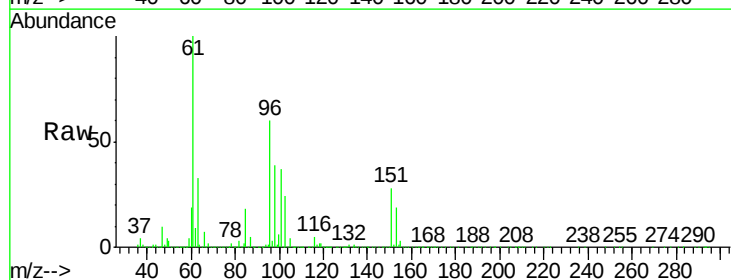
Manual Integrations
APPROVED

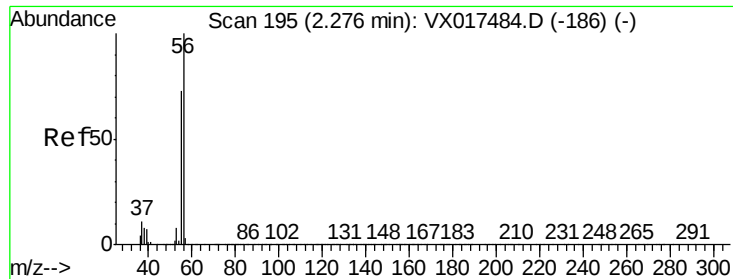
MMDadoda
7/24/2020 9:55:55 AM



#12
1,1-Dichloroethene
Concen: 46.137 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 96 Resp: 262276
Ion Ratio Lower Upper
96 100
61 165.6 134.0 201.0
98 65.2 51.0 76.4





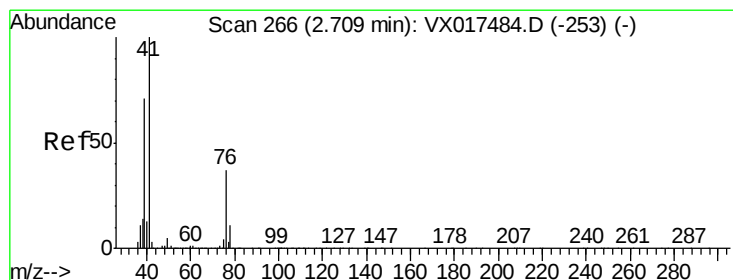
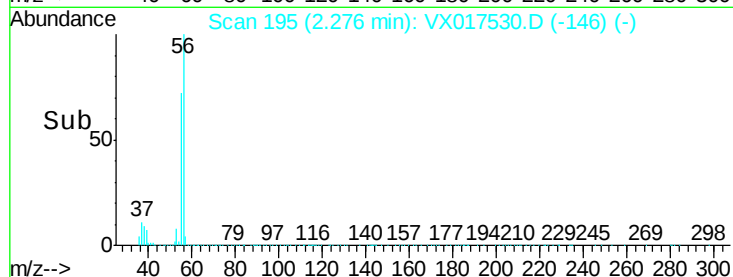
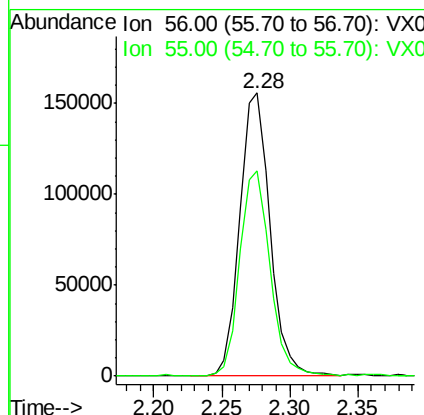
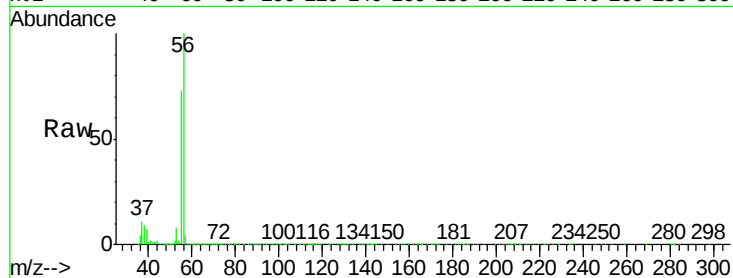
#13
Acrolein
Concen: 213.638 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.1	57.4	86.2

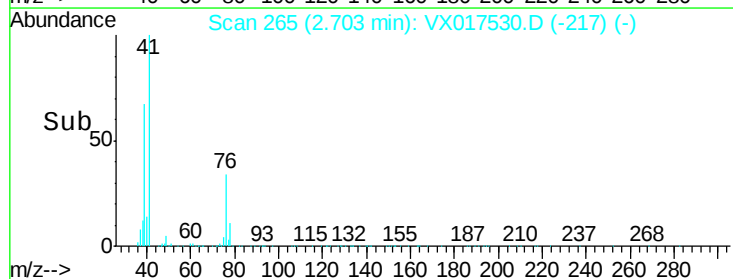
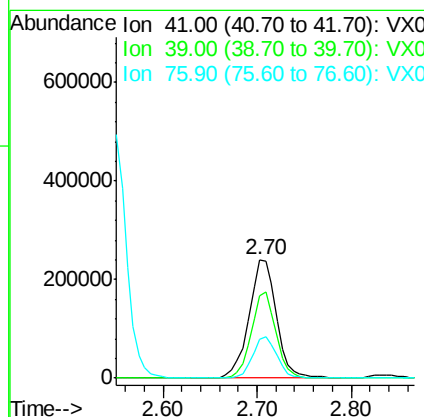
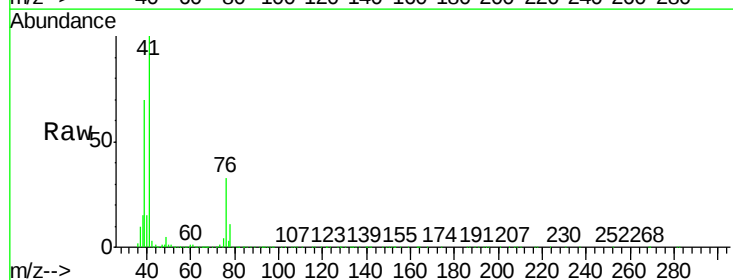
Manual Integrations
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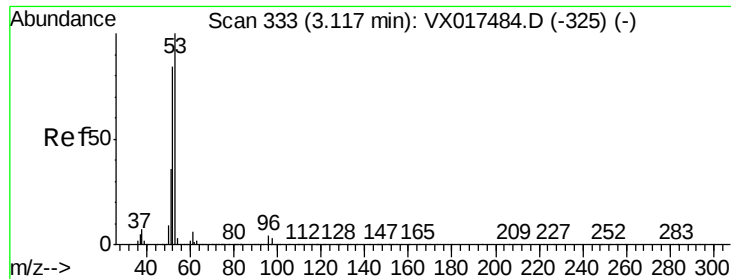
MMDadoda
7/24/2020 9:55:55 AM



#14
Allyl chloride
Concen: 46.873 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.2	51.9	77.9
76	76	31.3	25.5	38.3





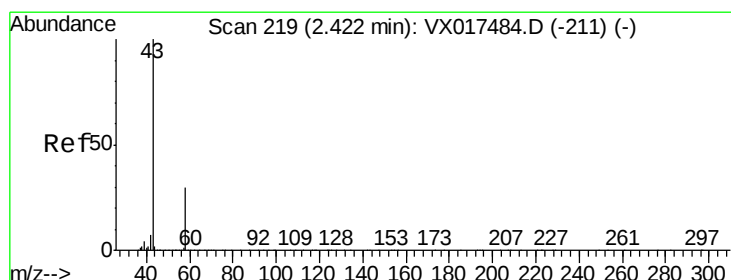
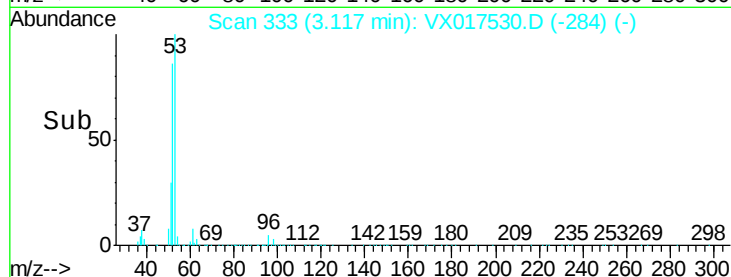
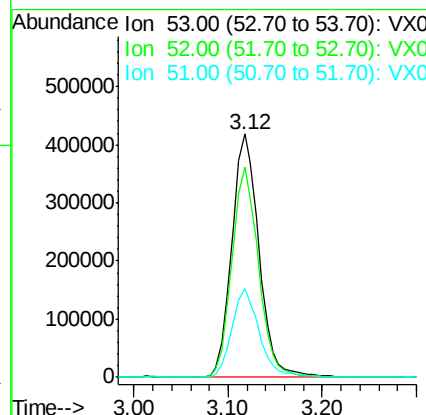
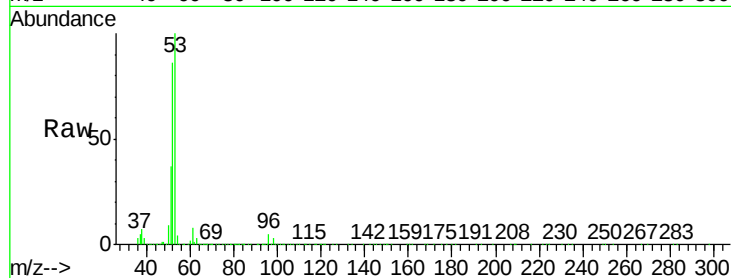
#15
 Acrylonitrile
 Concen: 260.699 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	838981
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.6	99.8
51	36.7	29.4	44.2

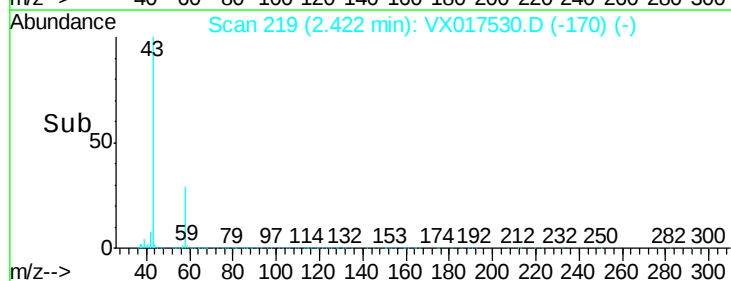
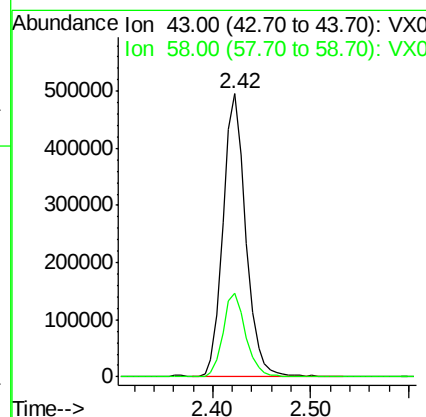
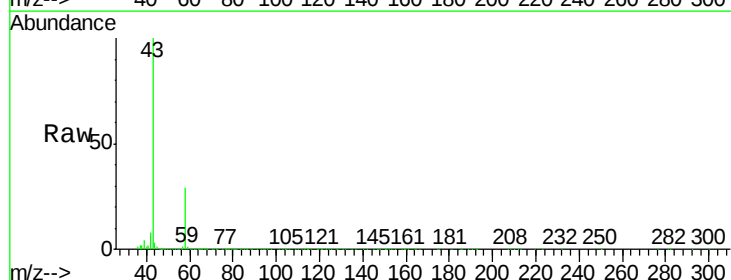
Manual Integrations
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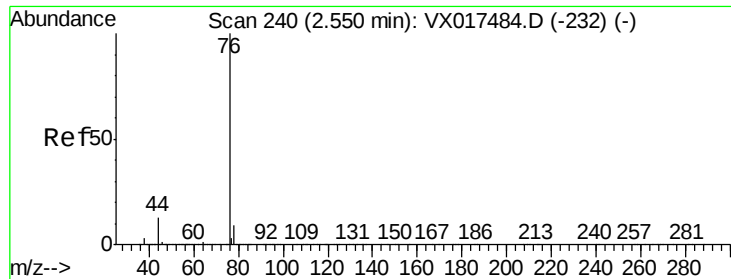
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 7/24/2020 9:55:55 AM



#16
 Acetone
 Concen: 256.112 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion:	43	Resp:	796920
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.2	36.4





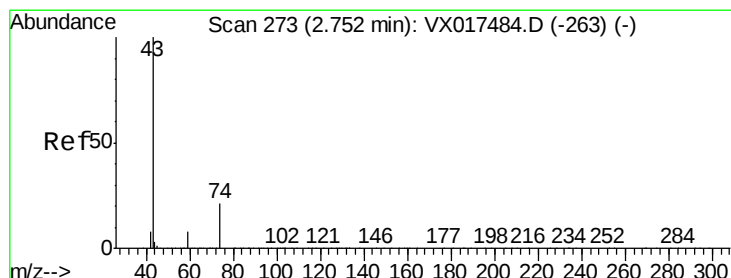
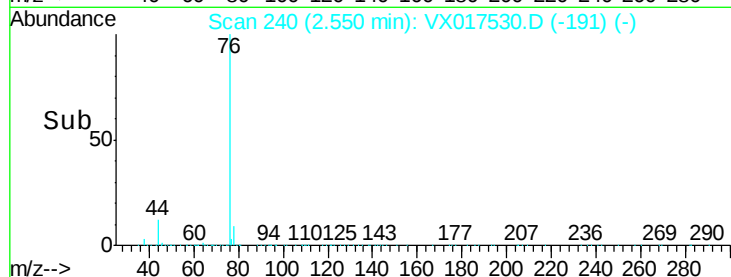
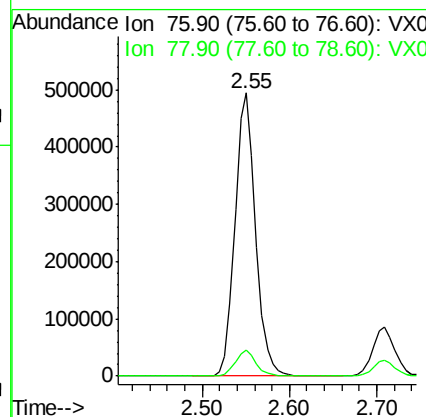
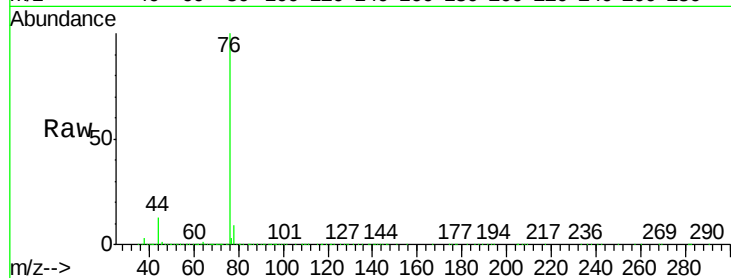
#17
Carbon Disulfide
Concen: 46.775 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

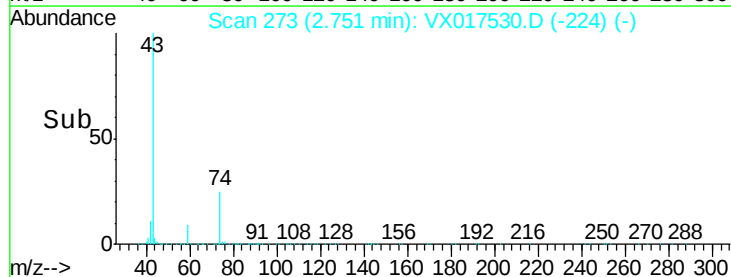
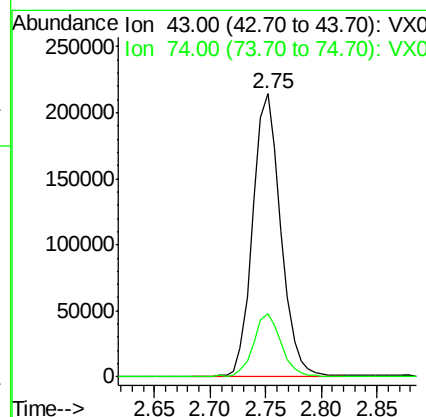
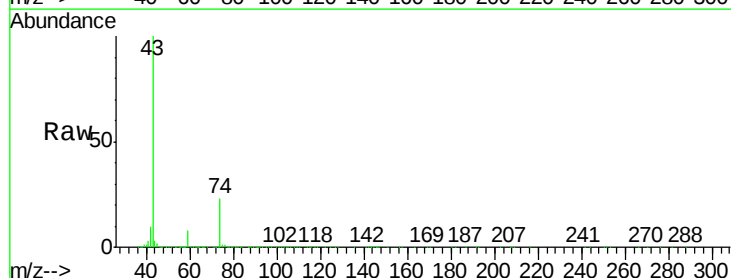
Manual Integrations
APPROVED

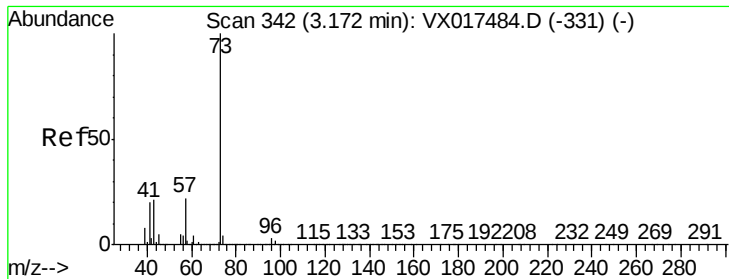
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7/24/2020 9:55:55 AM



#18
Methyl Acetate
Concen: 51.206 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.5	26.3





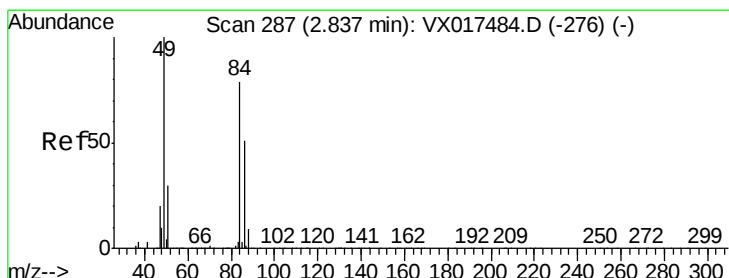
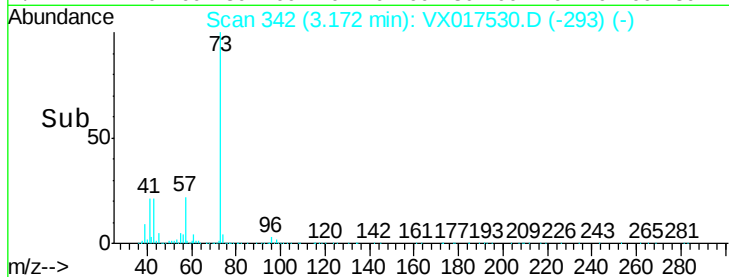
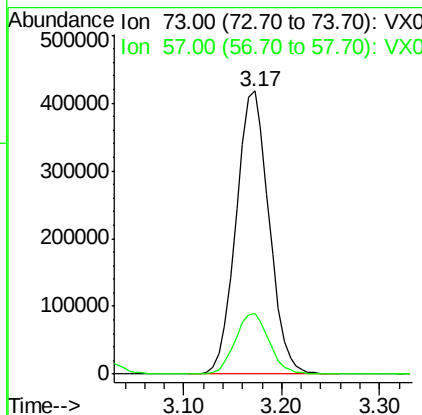
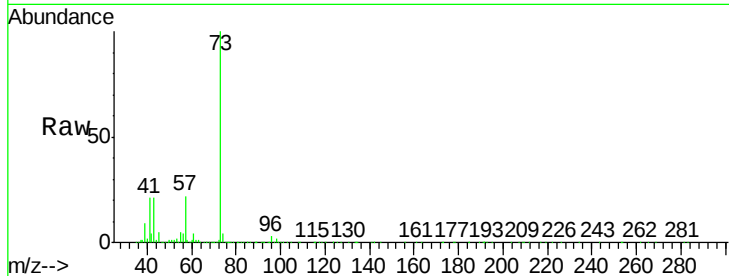
#19
Methvl tert-butvl Ether
Concen: 49.525 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 974449
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4

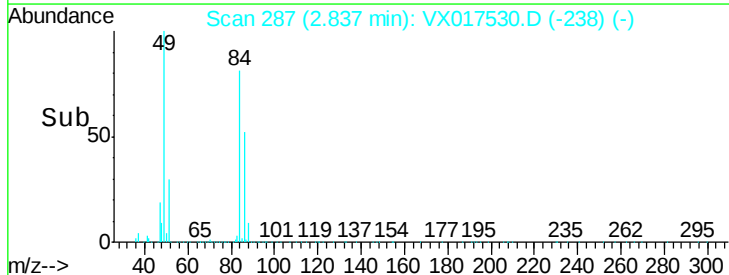
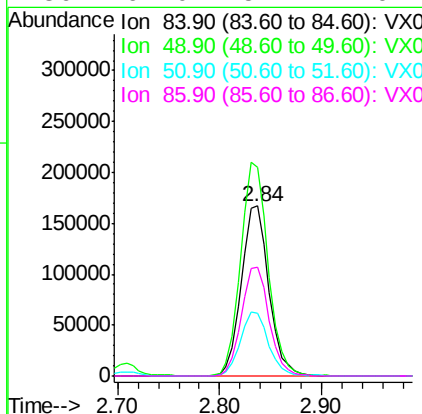
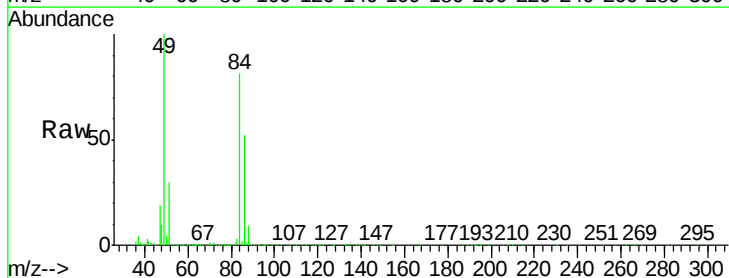
Manual Integrations
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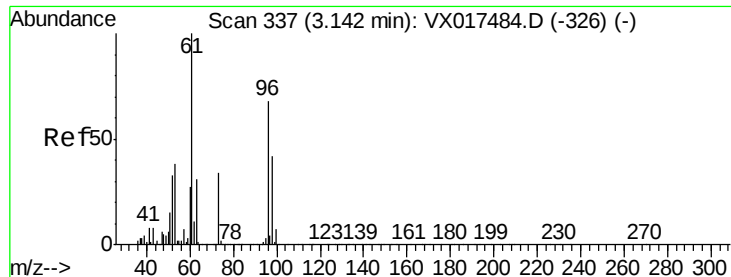
MMDadoda
7/24/2020 9:55:55 AM



#20
Methylene Chloride
Concen: 53.471 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 84 Resp: 312833
Ion Ratio Lower Upper
84 100
49 123.1 100.3 150.5
51 37.1 30.5 45.7
86 64.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.463 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

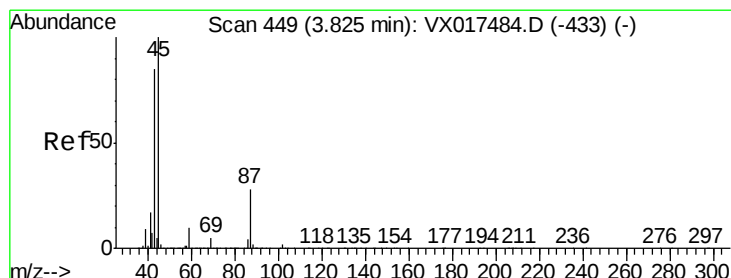
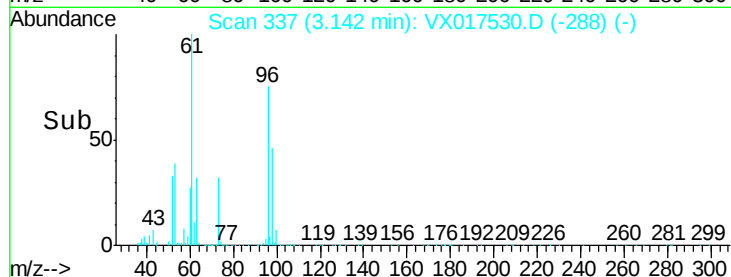
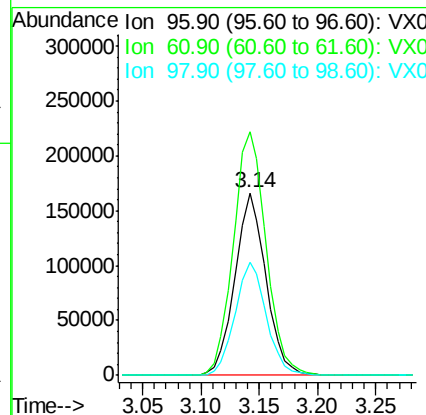
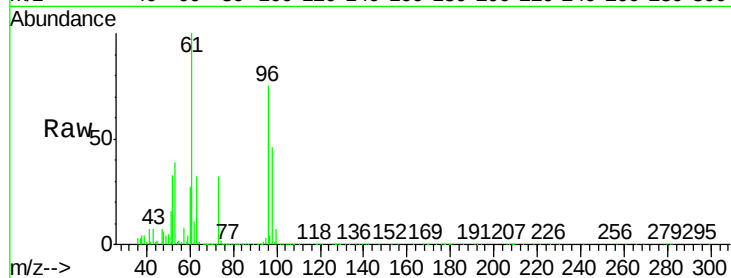
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	307315
Ion Ratio	Lower	Upper	
96	100		
61	133.6	113.0	169.4
98	61.8	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.749 ug/l

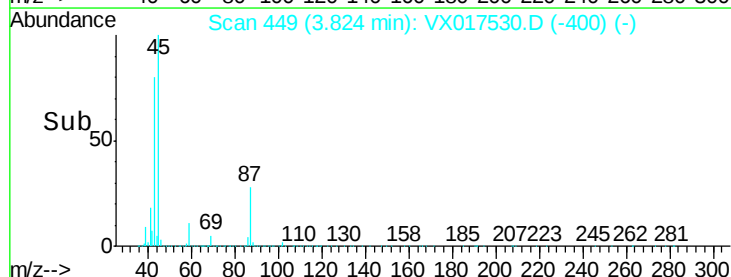
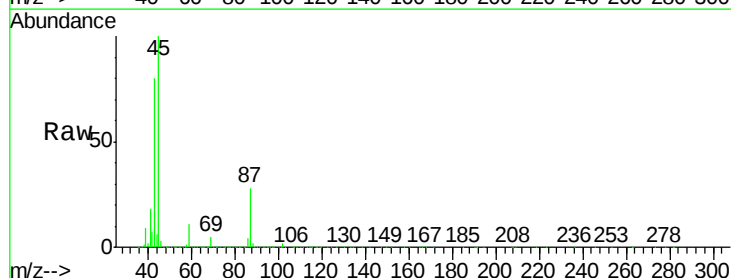
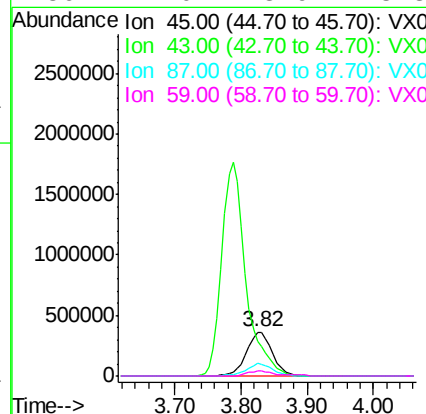
RT: 3.82 min Scan# 449

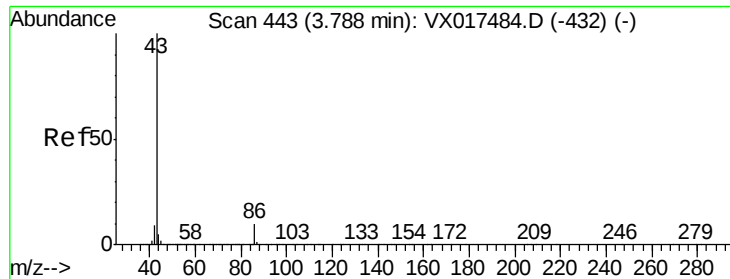
Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion:	45	Resp:	982180
Ion Ratio	Lower	Upper	
45	100		
43	80.0	52.0	78.0#
87	28.4	22.2	33.4
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 264.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4483470

Ion Ratio Lower Upper

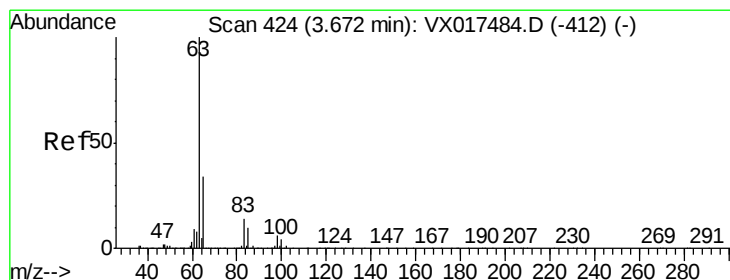
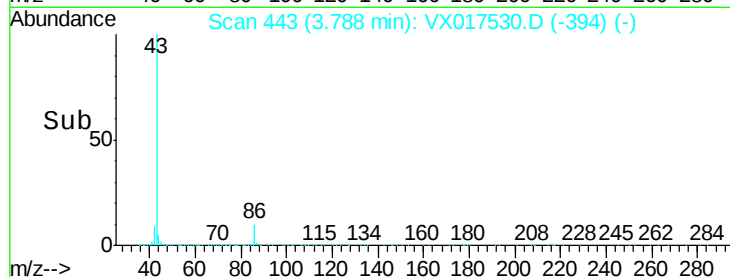
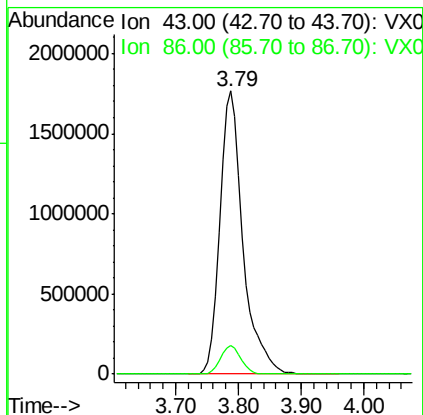
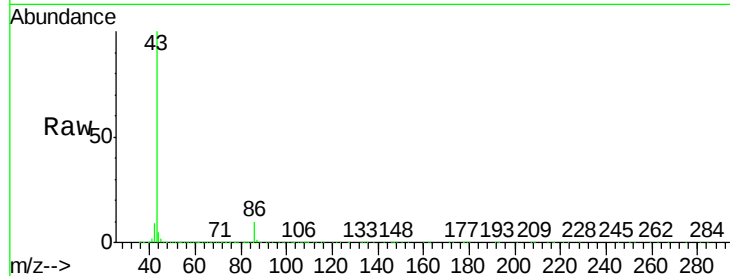
43 100

86 9.9 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 50.626 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

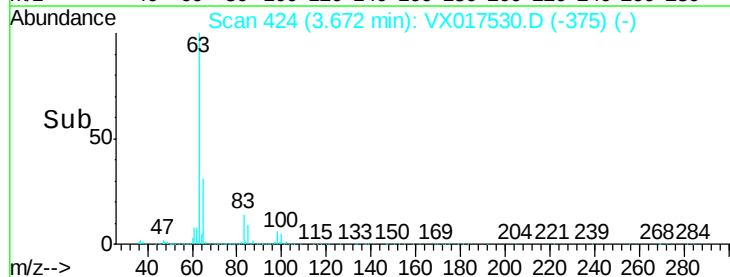
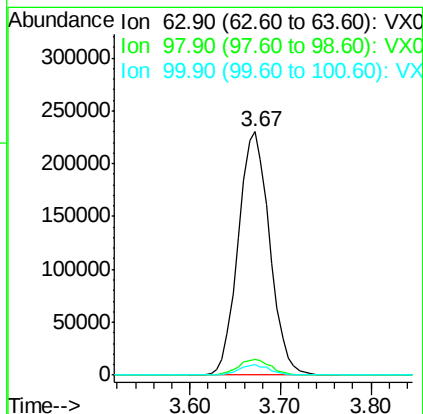
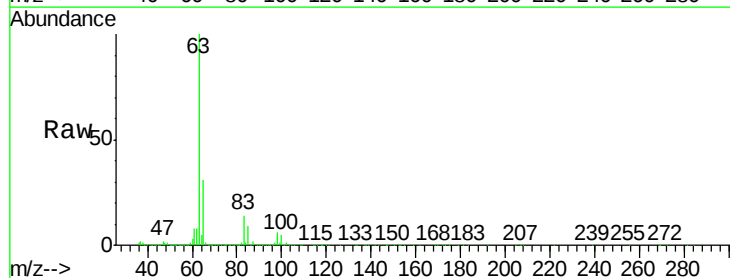
Tgt Ion: 63 Resp: 553505

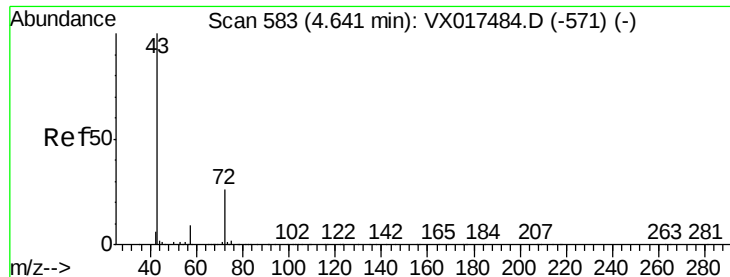
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.6 1.9 5.7





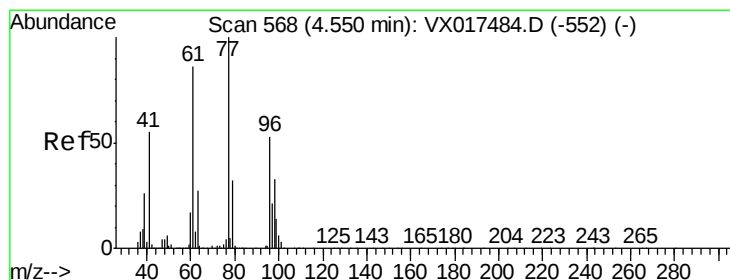
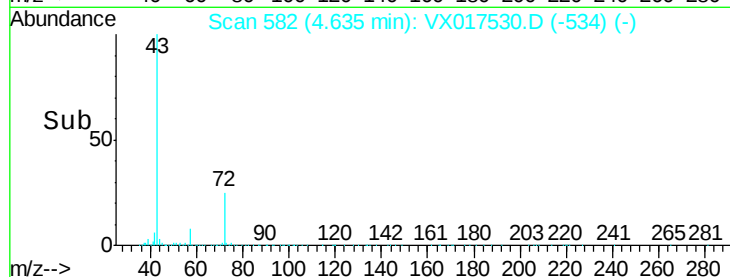
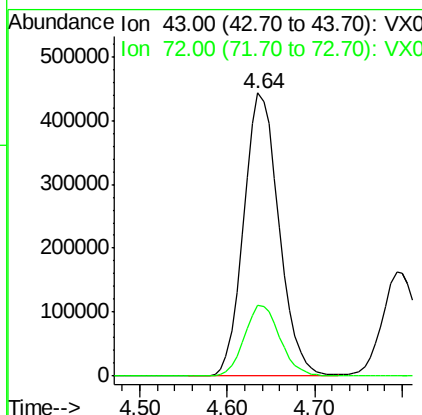
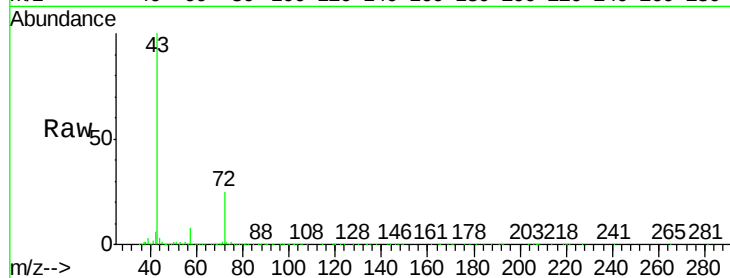
#25
2-Butanone
Concen: 280.829 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1241365
Ion Ratio Lower Upper
43 100
72 24.8 19.0 28.4

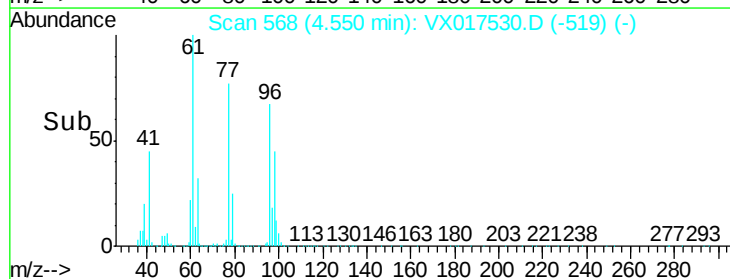
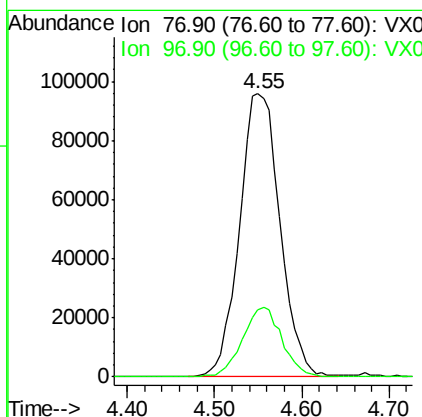
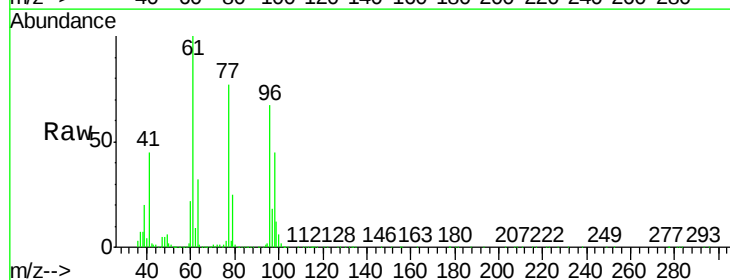
Manual Integrations
APPROVED

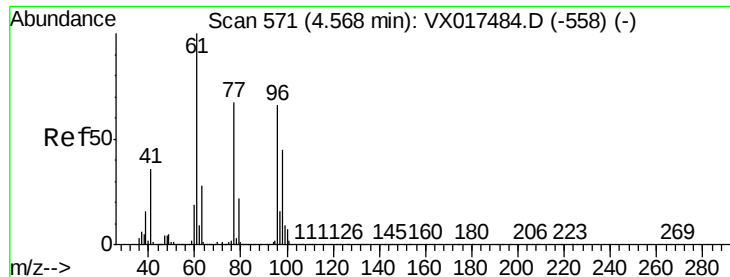
MMDadoda
7/24/2020 9:55:55 AM



#26
2,2-Dichloropropane
Concen: 31.449 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 77 Resp: 307783
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27

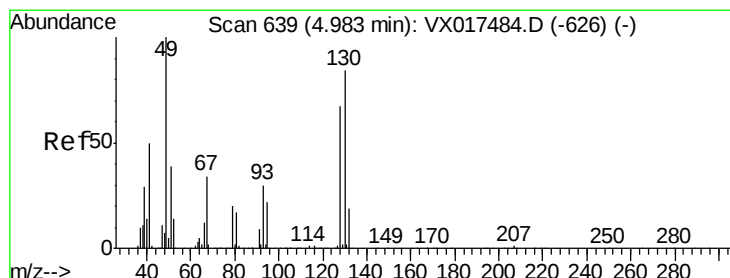
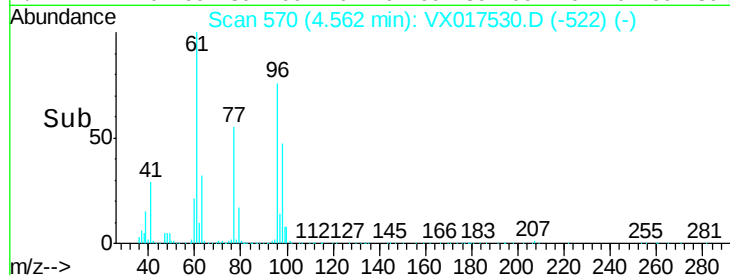
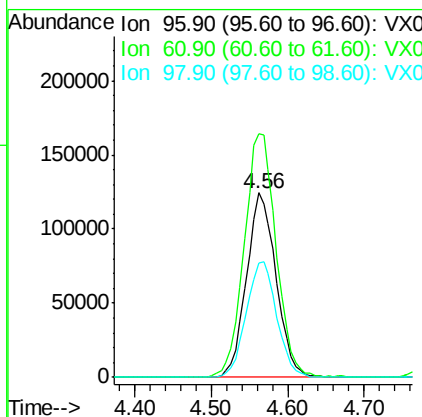
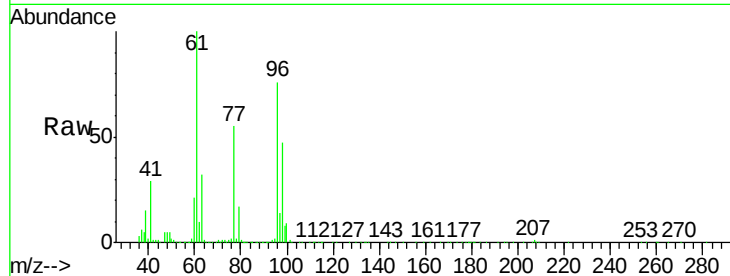
cis-1,2-Dichloroethene
Concen: 50.583 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	334585		
61	141.6	0.0	301.2	
98	65.0	0.0	130.0	

Manual Integrations
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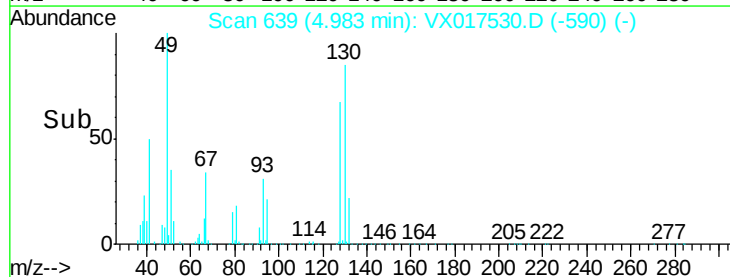
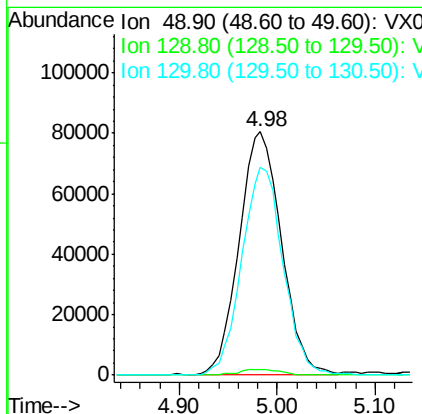
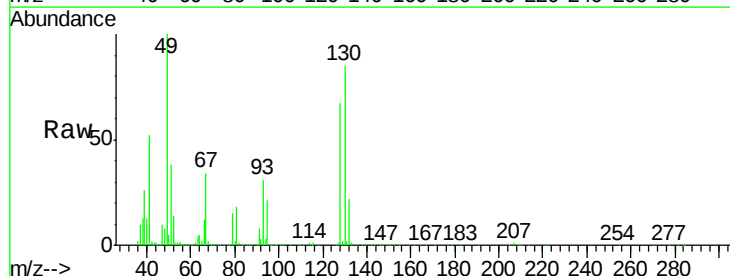
MMDadoda
7/24/2020 9:55:55 AM

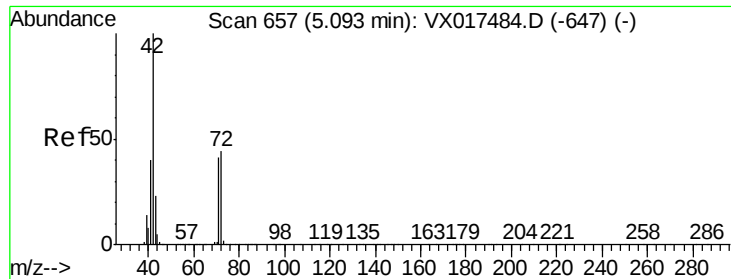


#28

Bromochloromethane
Concen: 48.546 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	240522		
129	2.4	0.0	4.6	
130	84.1	66.7	100.1	





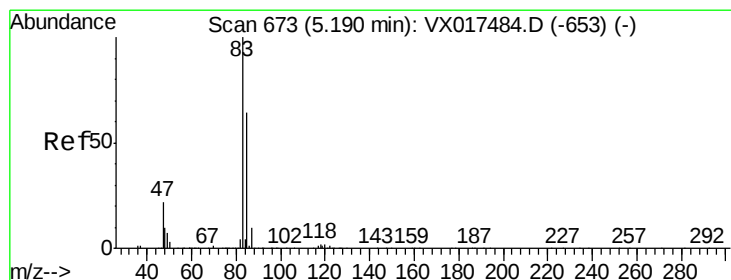
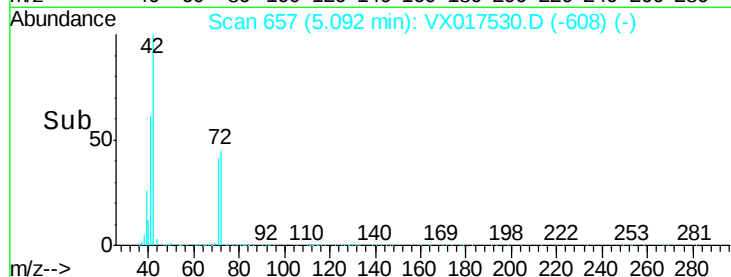
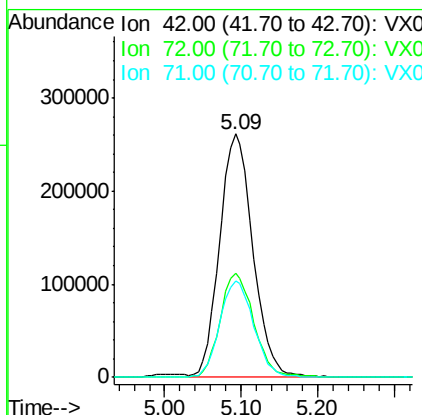
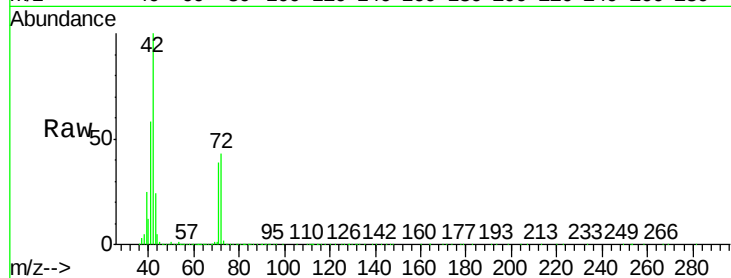
#29
Tetrahydrofuran
Concen: 286.321 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.5	53.3
71	40.5	33.0	49.4

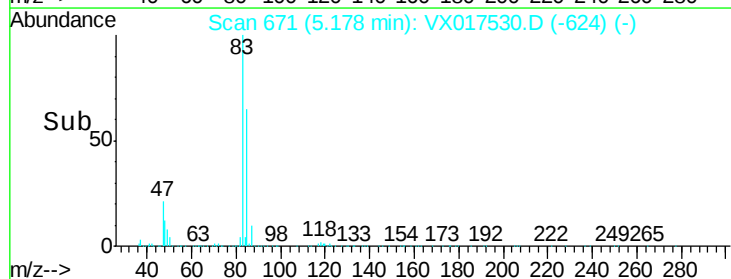
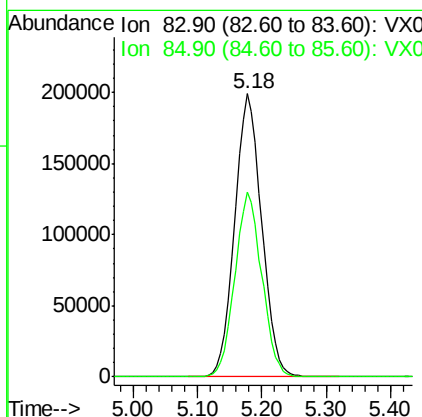
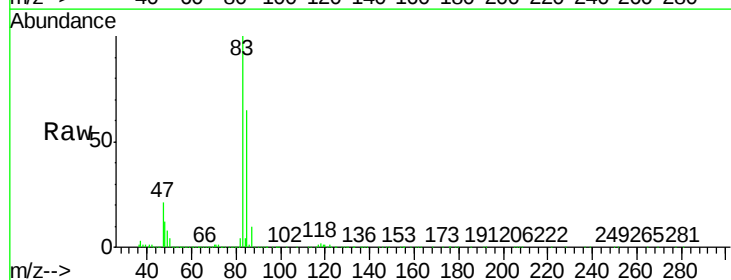
Manual Integrations
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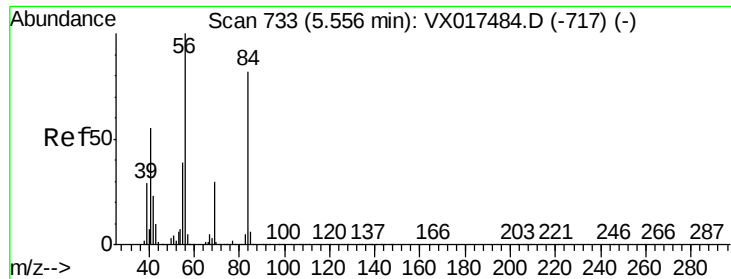
MMDadoda
7/24/2020 9:55:55 AM



#30
Chloroform
Concen: 51.962 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2





#31

Cyclohexane

Concen: 53.598 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

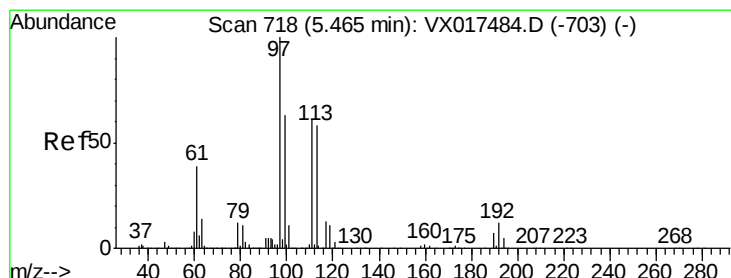
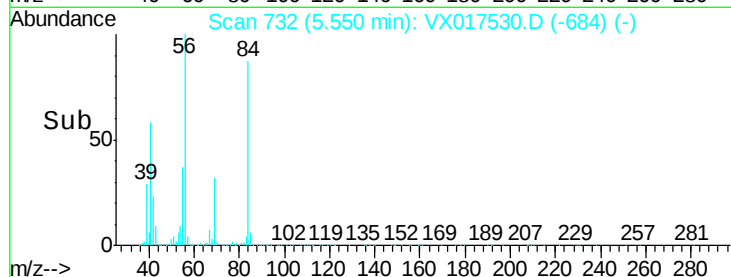
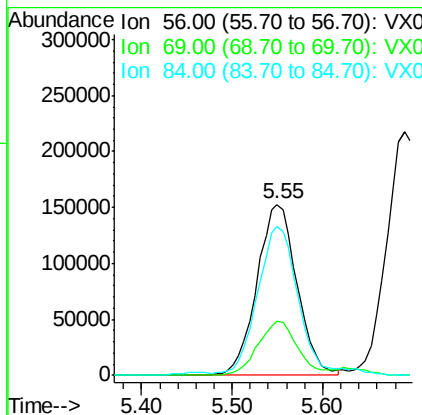
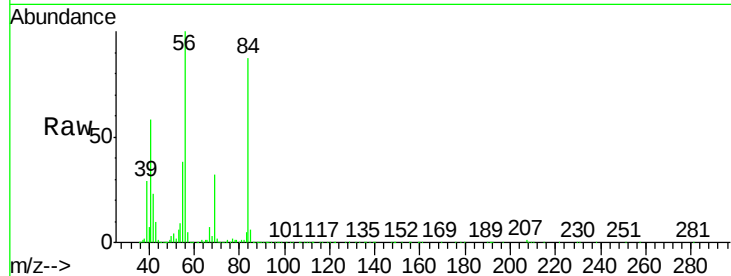
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.7	24.2	36.4	
84	85.4	69.0	103.6	

Manual Integrations
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7/24/2020 9:55:55 AM



#32

1,1,1-Trichloroethane

Concen: 51.226 ug/l

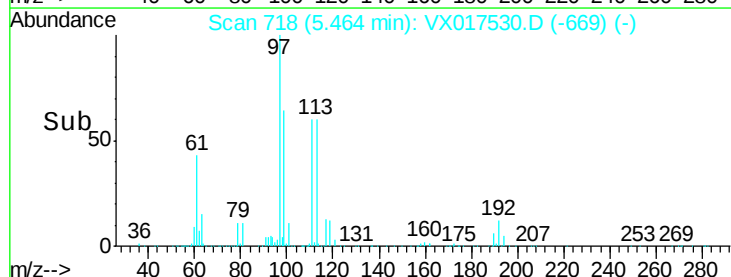
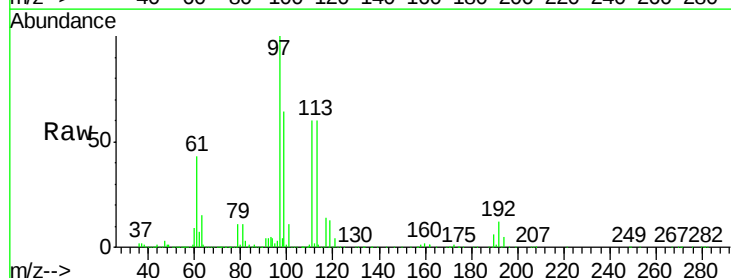
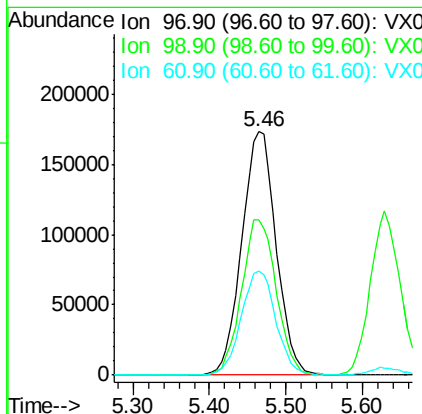
RT: 5.46 min Scan# 718

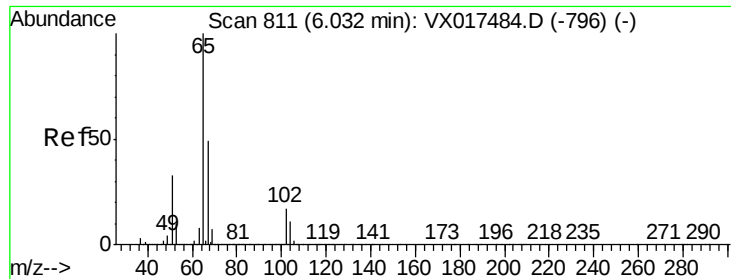
Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.9	77.9	
61	43.1	34.1	51.1	





#33

1,2-Dichloroethane-d4

Concen: 53.842 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 380642

Ion Ratio Lower Upper

65 100

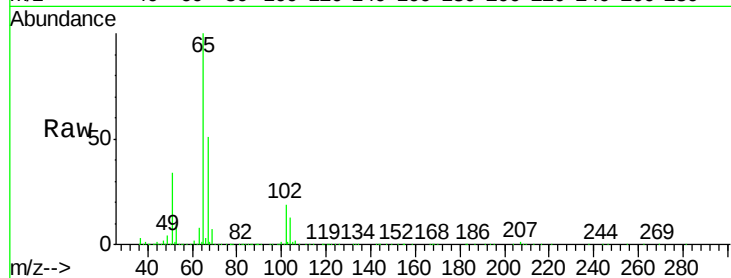
67 51.8 0.0 102.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

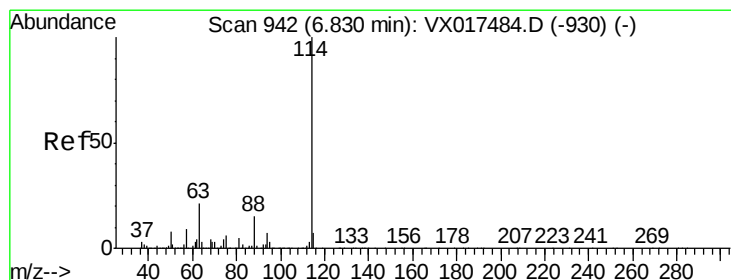
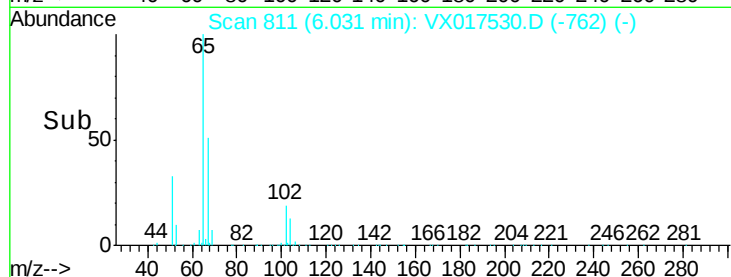
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

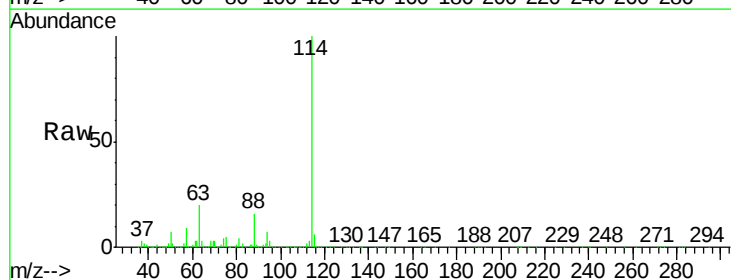
Tgt Ion: 114 Resp: 863353

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 16.0 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

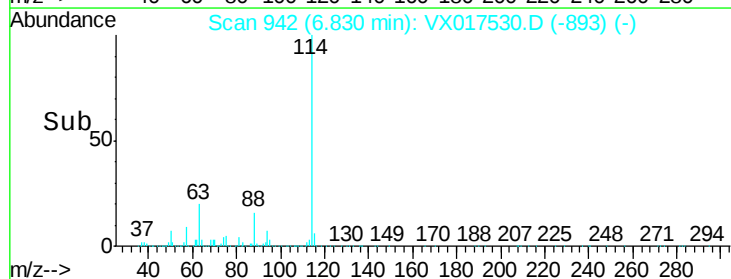
300000

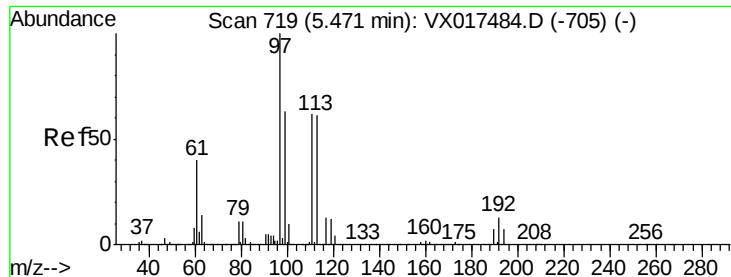
200000

100000

0

Time-->





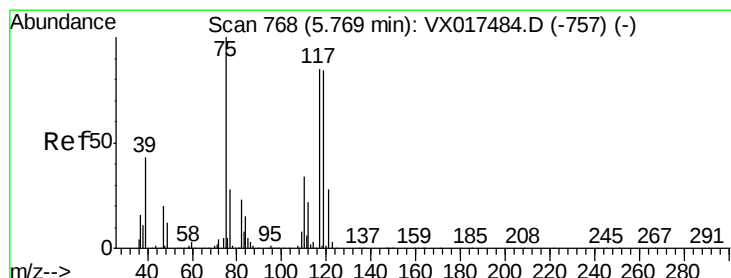
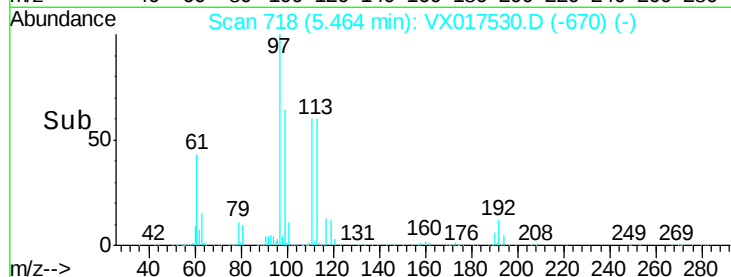
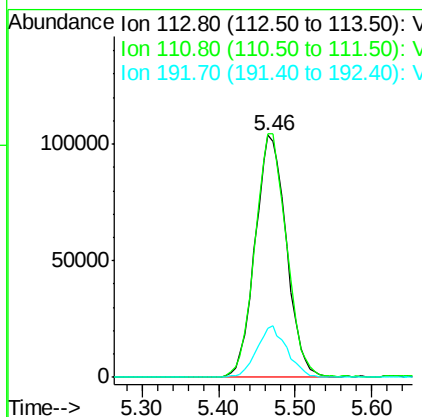
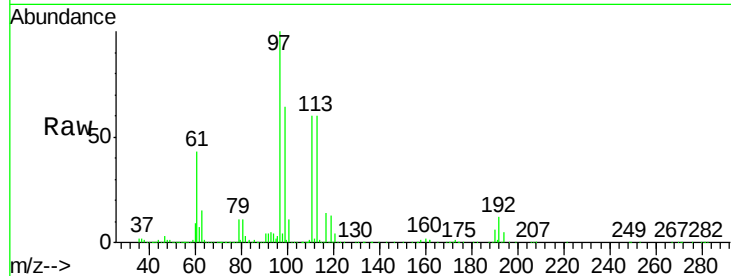
#35
 Dibromofluoromethane
 Concen: 51.245 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	80.7	121.1
192	20.6	16.9	25.3

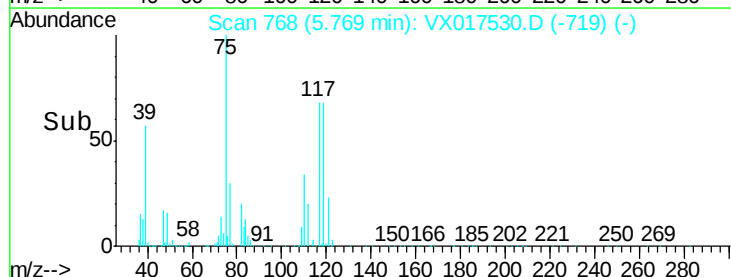
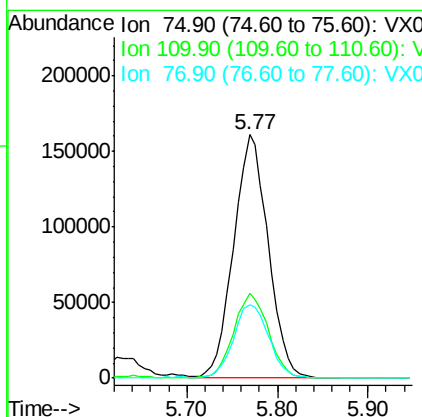
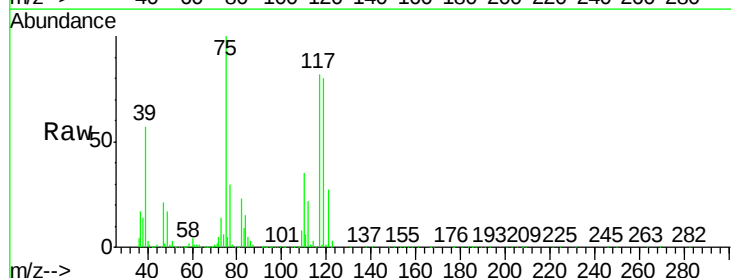
Manual Integrations
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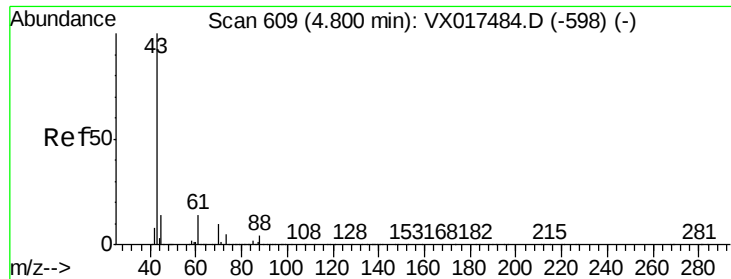
MMDadoda
 7/24/2020 9:55:55 AM



#36
 1,1-Dichloropropene
 Concen: 51.362 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.3
77	30.8	24.6	37.0





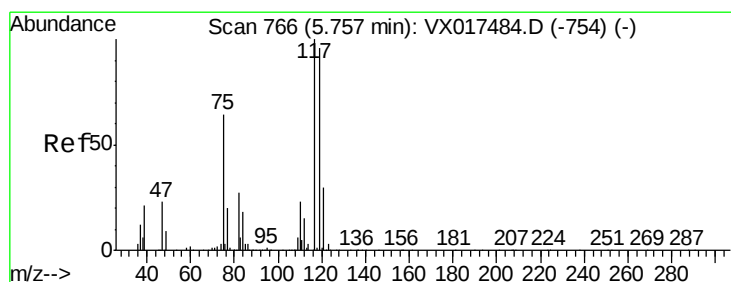
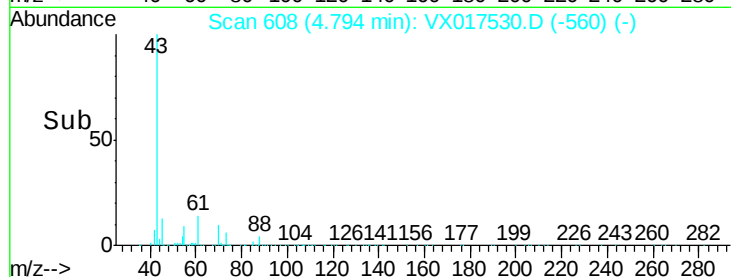
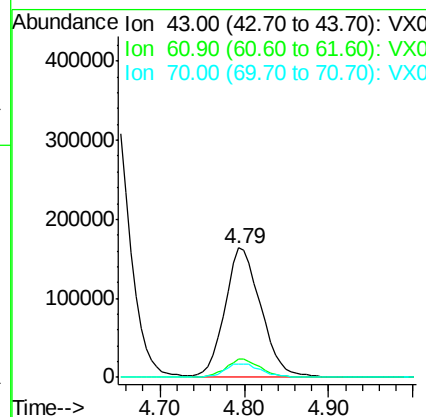
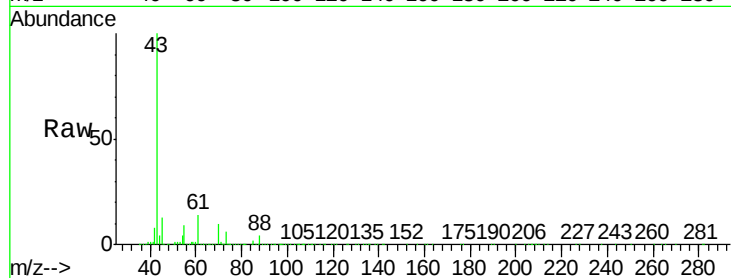
#37
Ethyl Acetate
Concen: 52.334 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.5	8.5	12.7

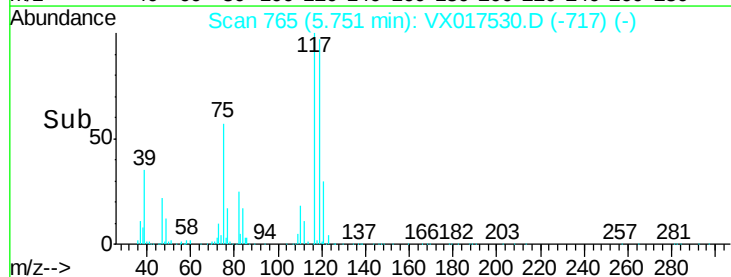
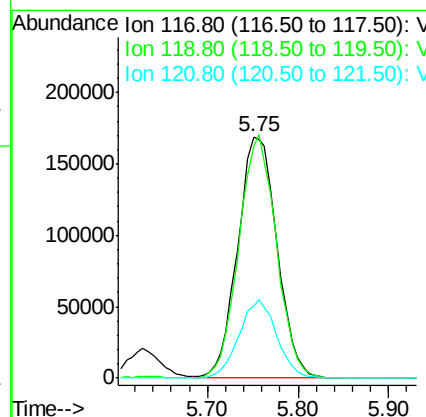
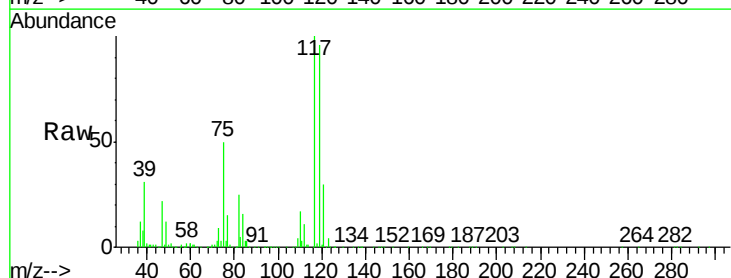
Manual Integrations
APPROVED

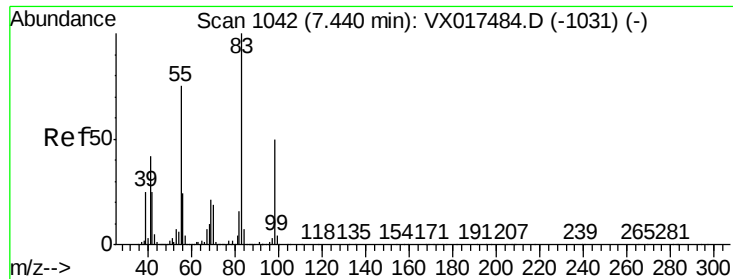
MMDadoda
7/24/2020 9:55:55 AM



#38
Carbon Tetrachloride
Concen: 50.240 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
121	30.0	24.3	36.5





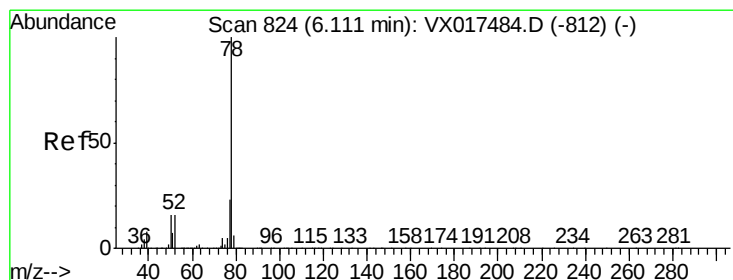
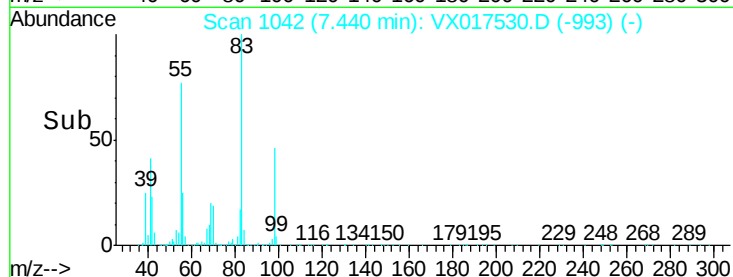
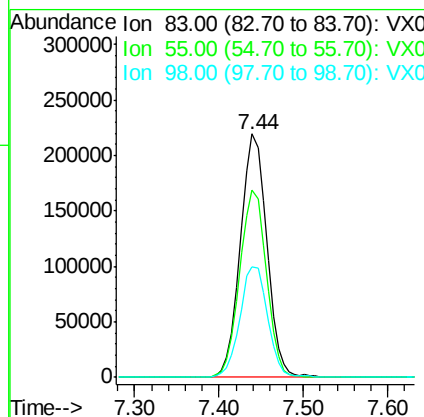
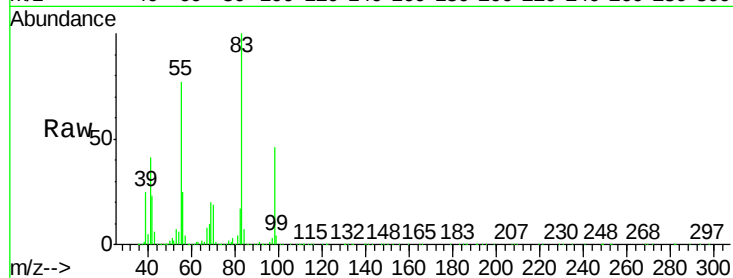
#39
Methvlcvclohexane
Concen: 48.104 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.8	92.8
98	45.6	36.9	55.3

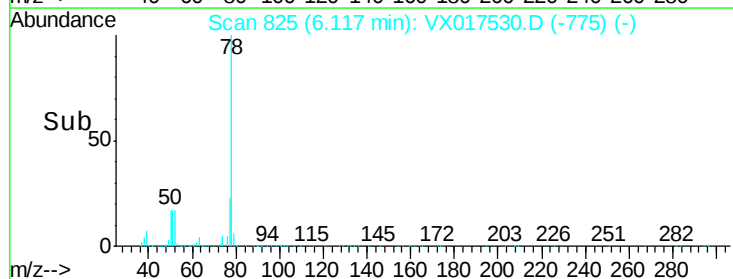
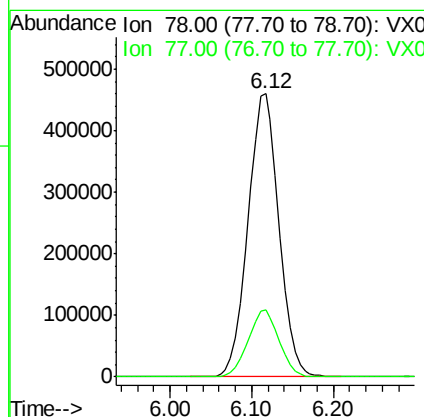
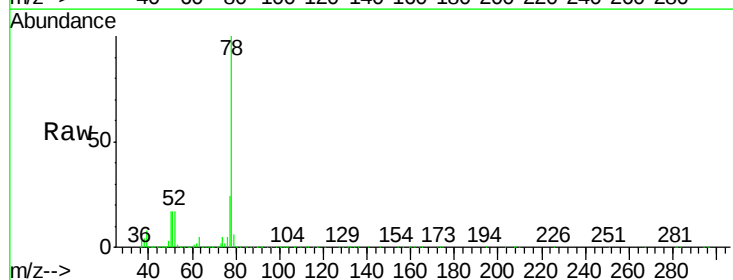
Manual Integrations
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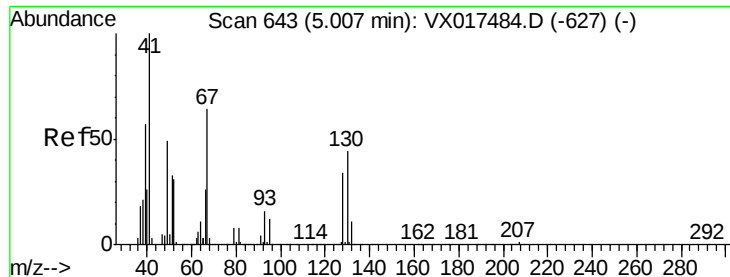
MMDadoda
7/24/2020 9:55:55 AM



#40
Benzene
Concen: 51.104 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2





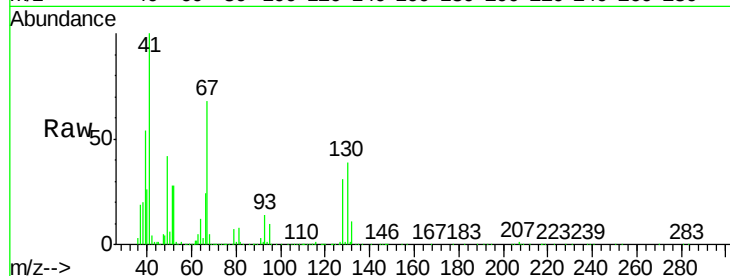
#41
Methacrylonitrile
Concen: 50.841 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

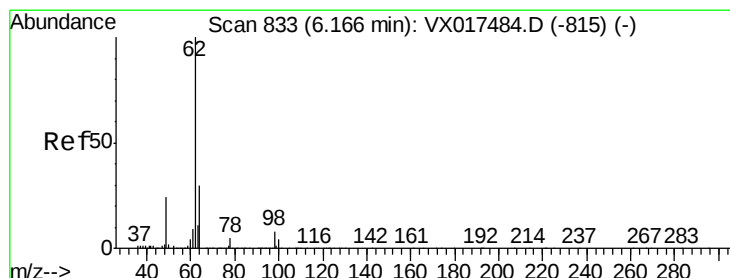
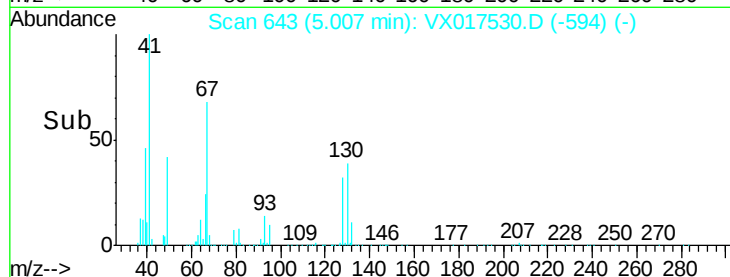
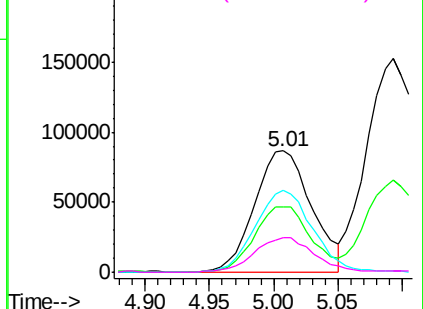
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.9	65.9
67	68.6	54.0	81.0
52	29.8	23.0	34.6

Manual Integrations
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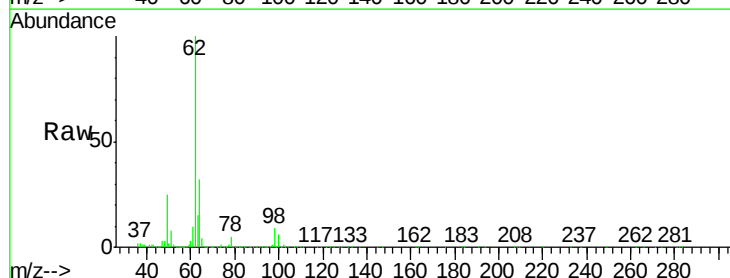


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

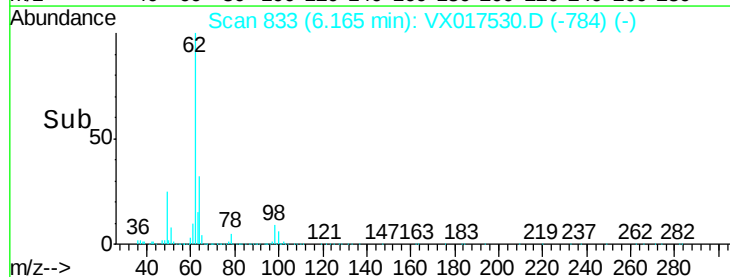
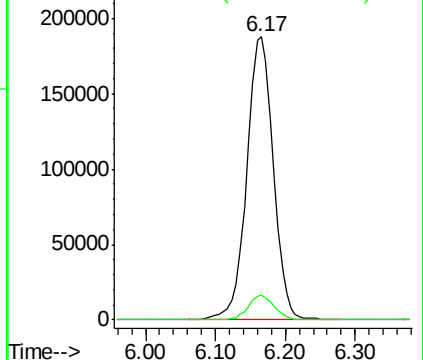


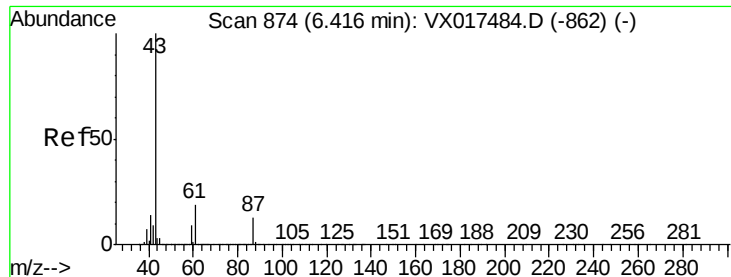
#42
1,2-Dichloroethane
Concen: 50.896 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

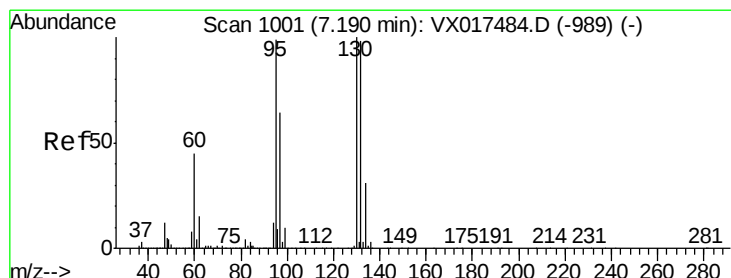
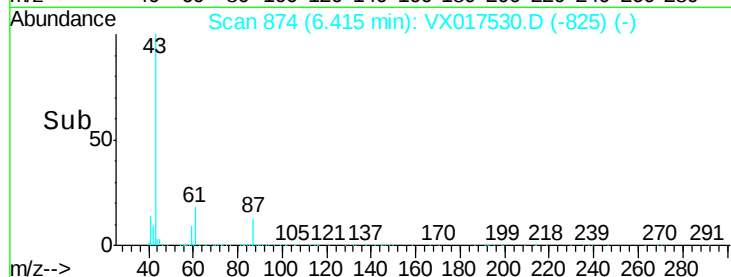
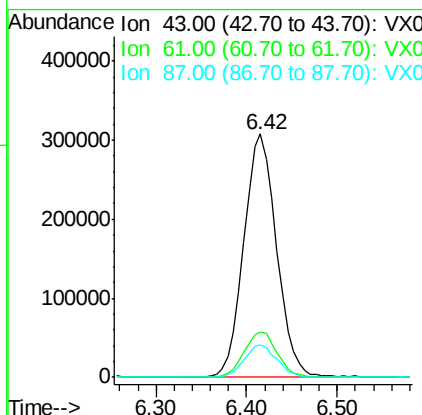
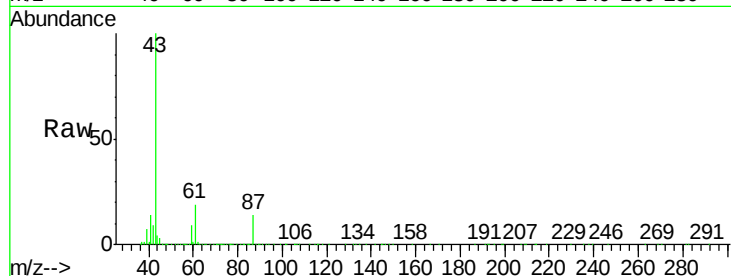
Isopropyl Acetate
 Concen: 51.257 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.5	23.3
87	13.2	10.5	15.7

Manual Integrations
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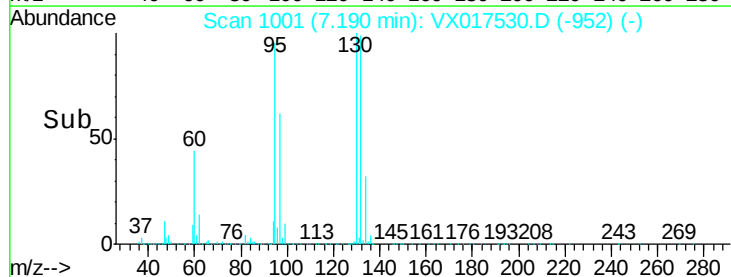
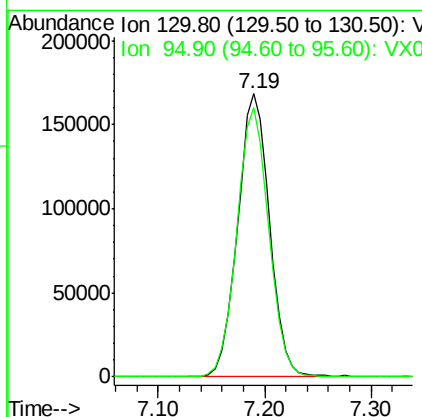
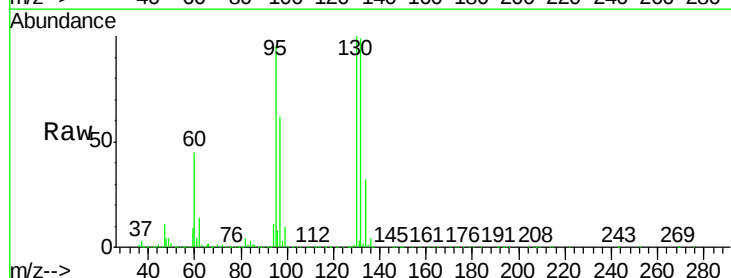
MMDadoda
 7/24/2020 9:55:55 AM

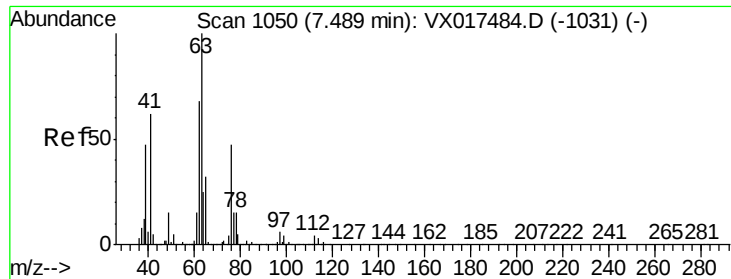


#44

Trichloroethene
 Concen: 50.914 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	189.0





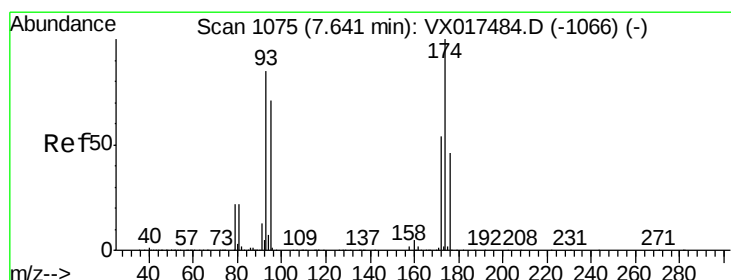
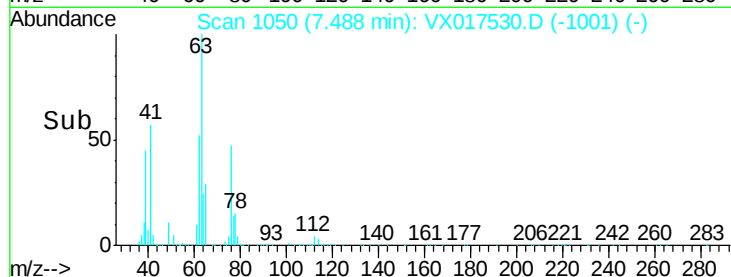
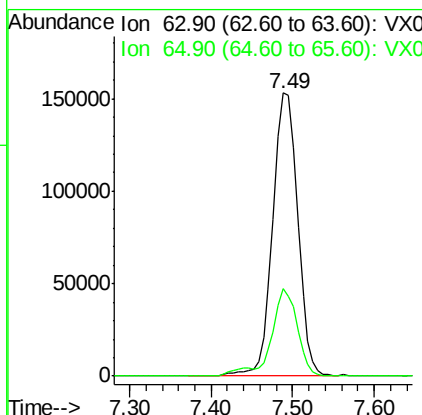
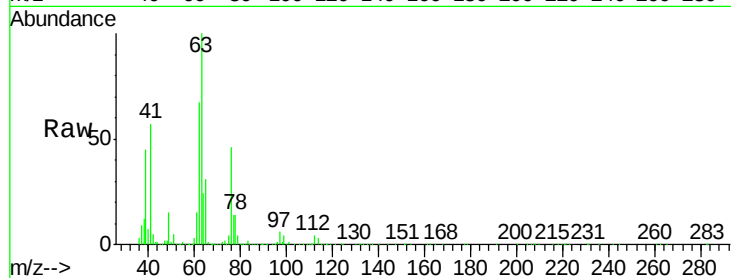
#45
 1,2-Dichloropropane
 Concen: 49.507 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.5	36.7

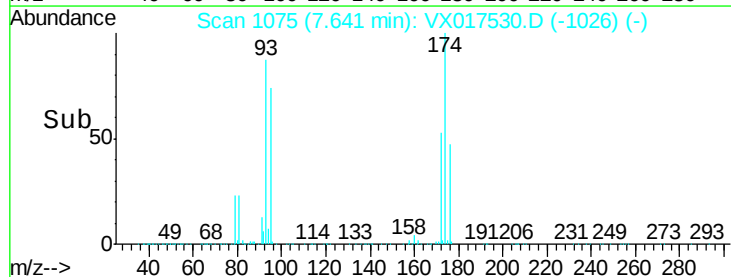
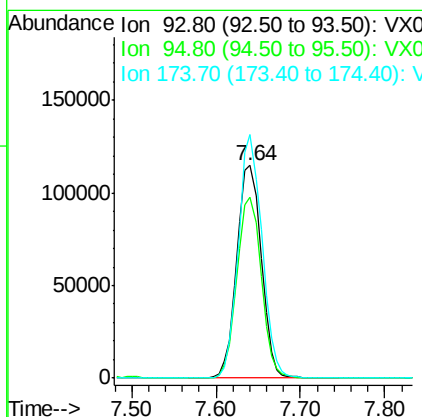
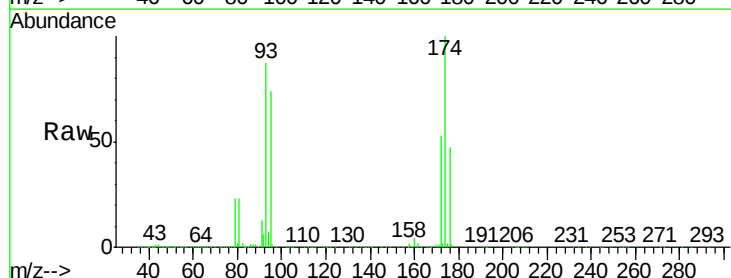
Manual Integrations
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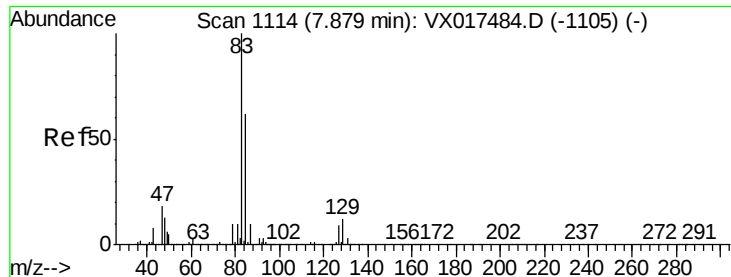
MMDadoda
 7/24/2020 9:55:55 AM



#46
 Dibromomethane
 Concen: 48.755 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	99.8
174	109.7	87.0	130.6





#47

Bromodichloromethane

Concen: 51.308 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

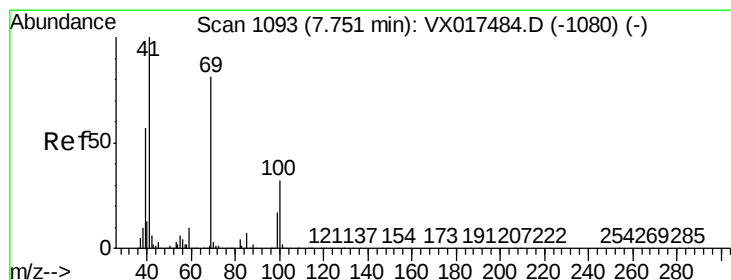
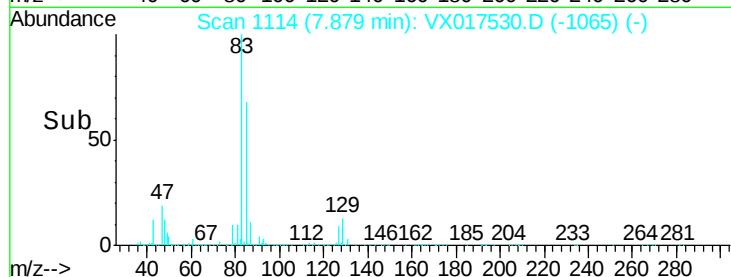
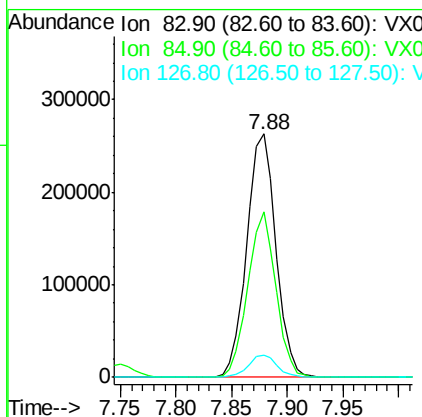
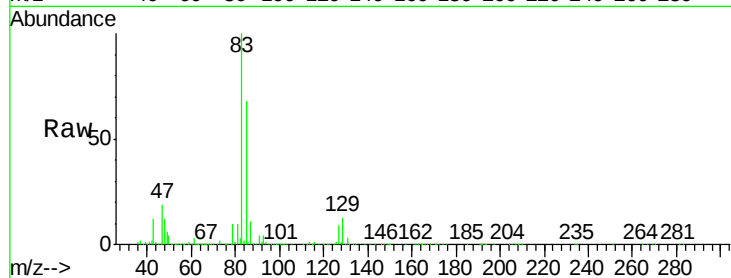
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	480142
Ion Ratio	Lower	Upper	
83	100		
85	67.7	51.8	77.8
127	9.2	7.4	11.2

Manual Integrations
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7/24/2020 9:55:55 AM



#48

Methyl methacrylate

Concen: 53.043 ug/l

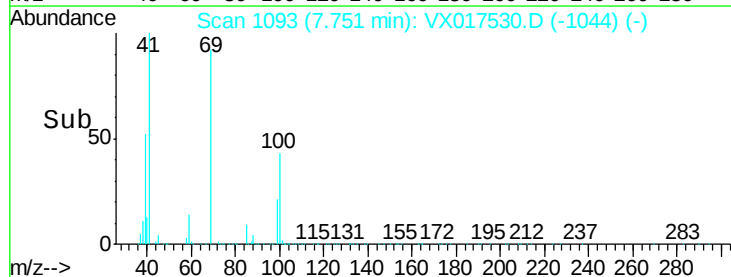
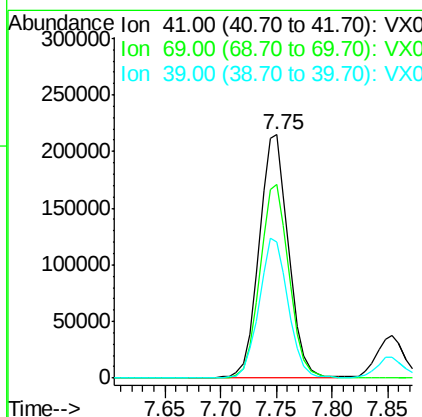
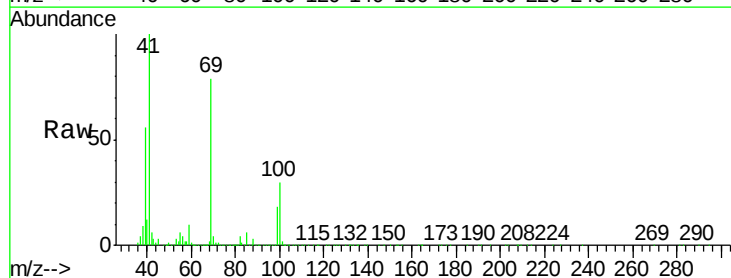
RT: 7.75 min Scan# 1093

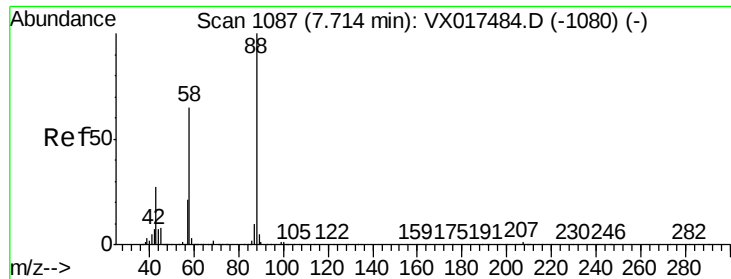
Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion:	41	Resp:	393041
Ion Ratio	Lower	Upper	
41	100		
69	79.4	63.1	94.7
39	56.9	45.1	67.7





#49

1,4-Dioxane

Concen: 1197.720 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

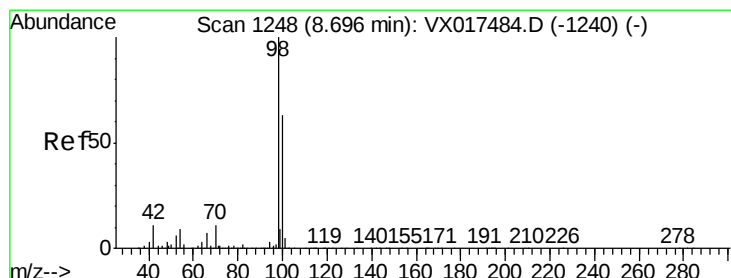
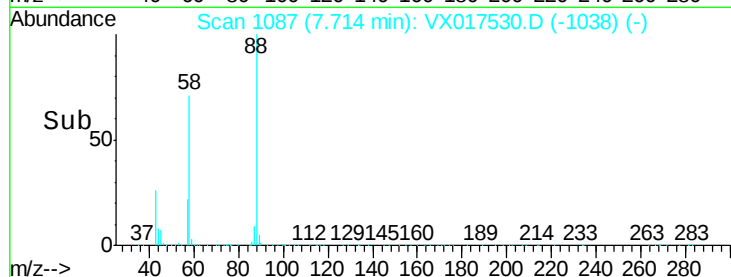
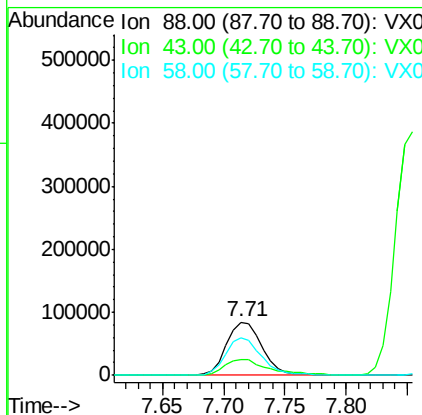
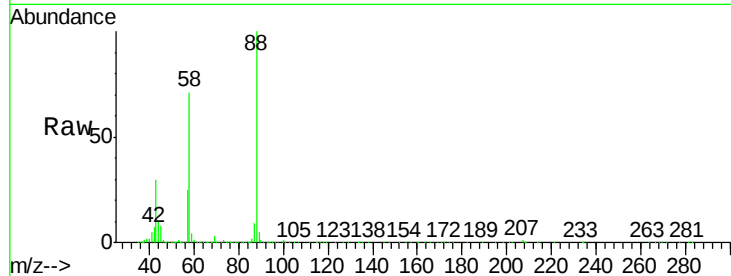
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	170152
Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.8	41.6
58	71.3	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 52.745 ug/l

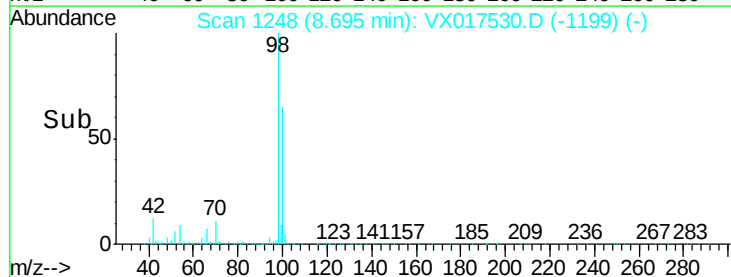
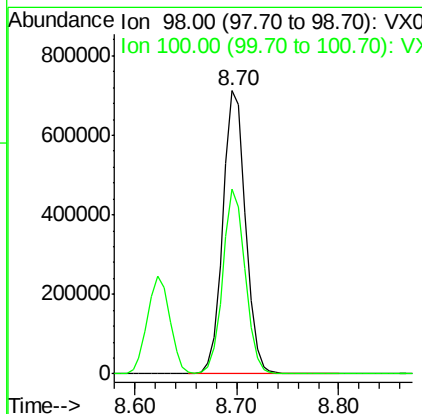
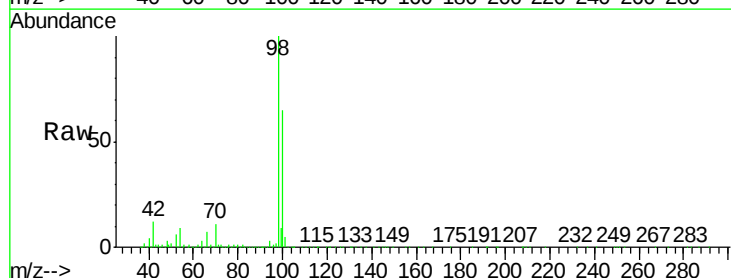
RT: 8.70 min Scan# 1248

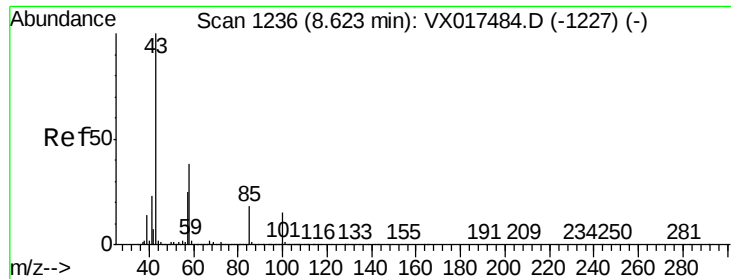
Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion:	98	Resp:	1098675
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 278.920 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2487726

Ion Ratio Lower Upper

43 100

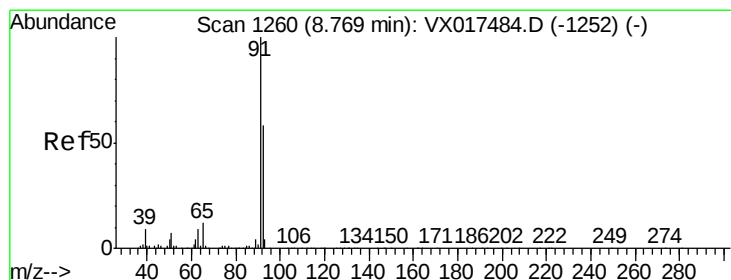
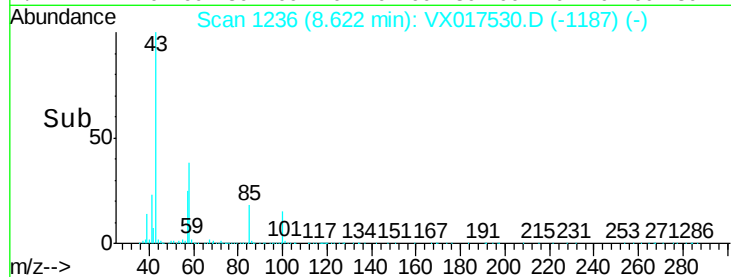
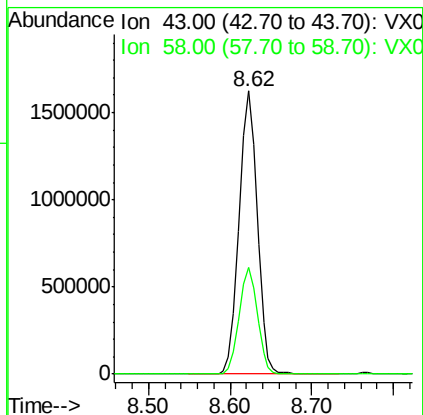
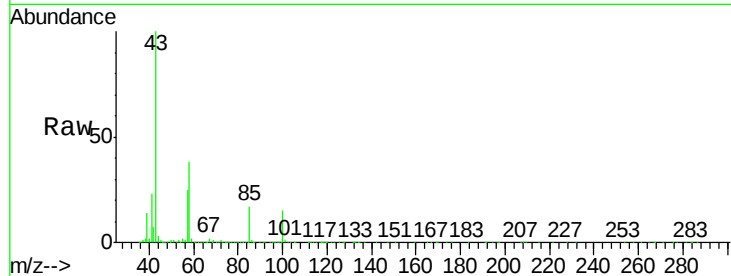
58 37.7 31.0 46.4

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#52

Toluene

Concen: 52.390 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017530.D

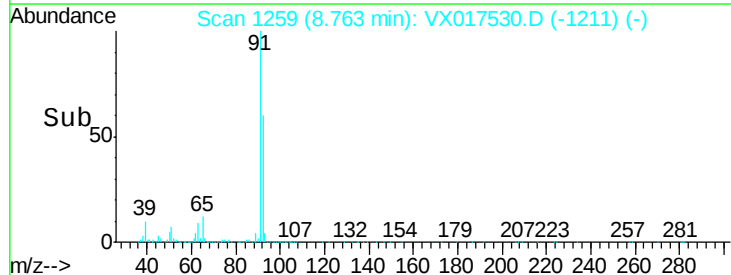
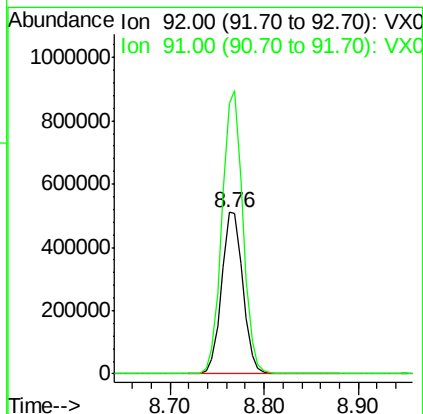
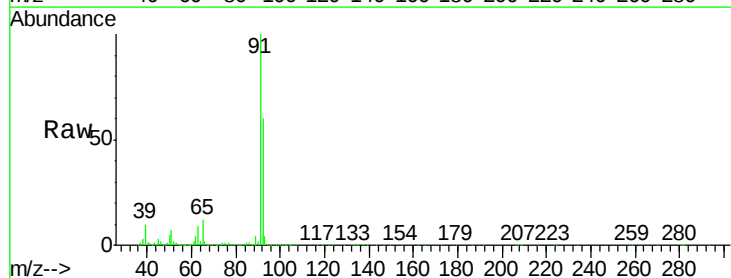
Acq: 24 Jul 2020 06:48

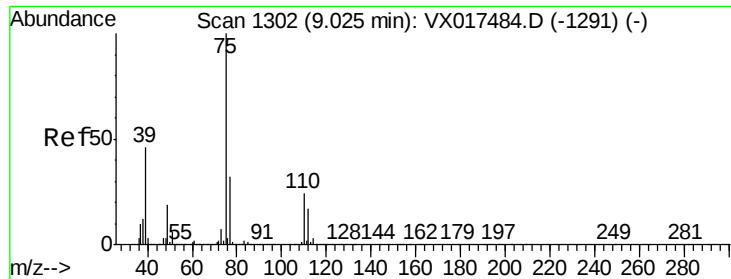
Tgt Ion: 92 Resp: 797610

Ion Ratio Lower Upper

92 100

91 171.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.161 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 504512

Ion Ratio Lower Upper

75 100

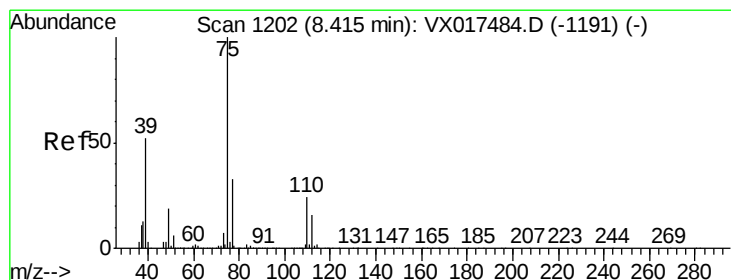
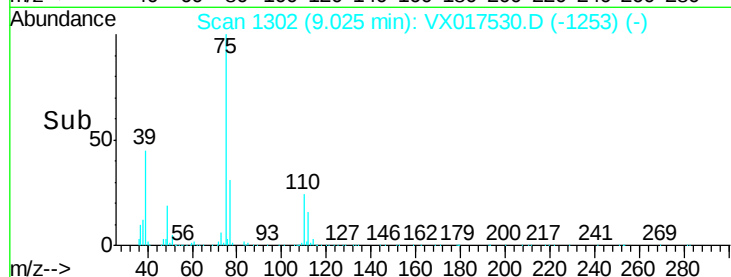
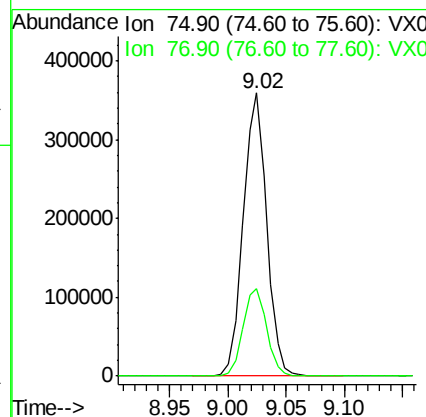
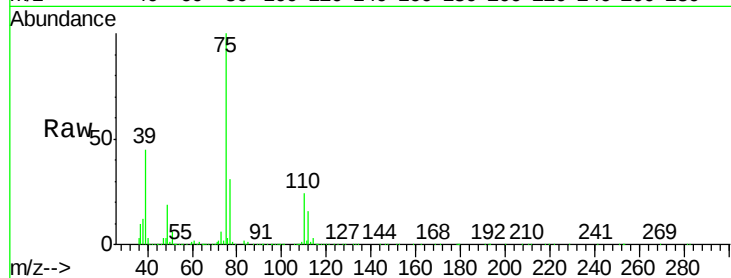
77 31.1 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 48.503 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

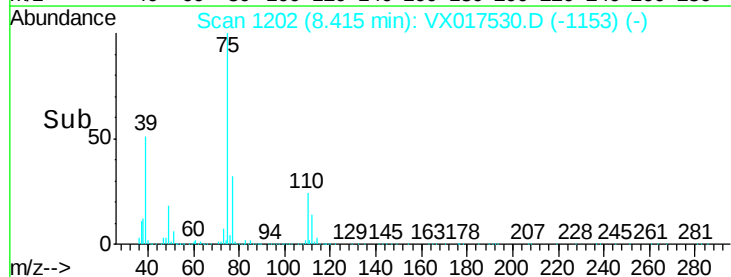
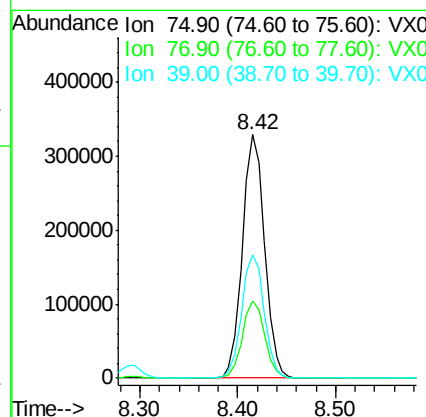
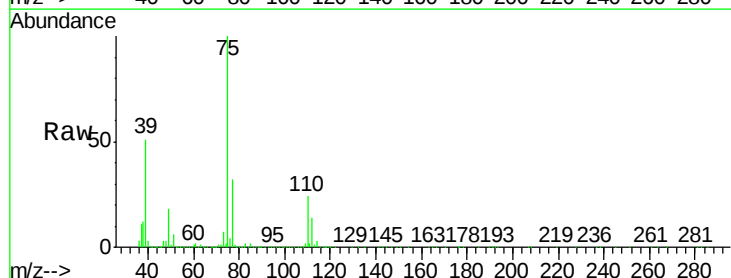
Tgt Ion: 75 Resp: 518251

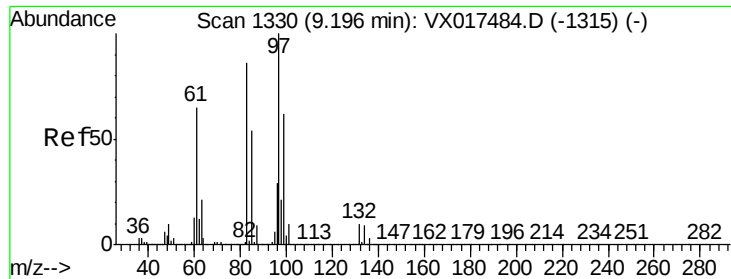
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 50.6 41.8 62.8





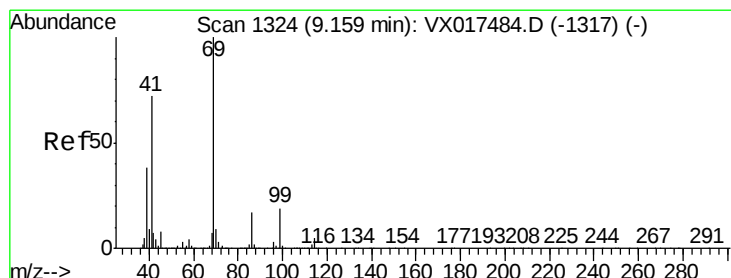
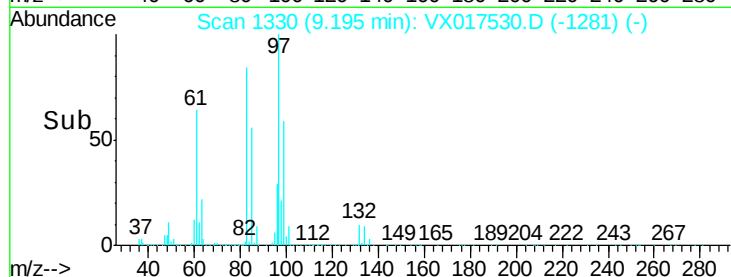
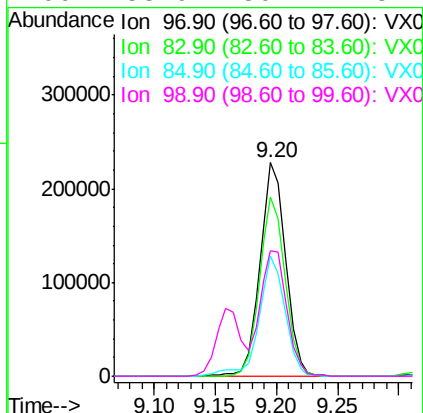
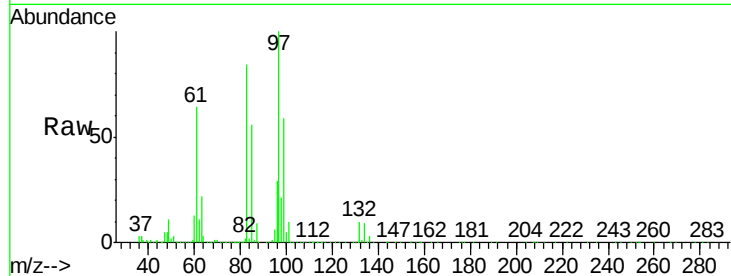
#55
 1,1,2-Trichloroethane
 Concen: 52.698 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		334218		
83	84.1	67.6	101.4		
85	56.1	44.6	67.0		
99	58.9	50.2	75.4		

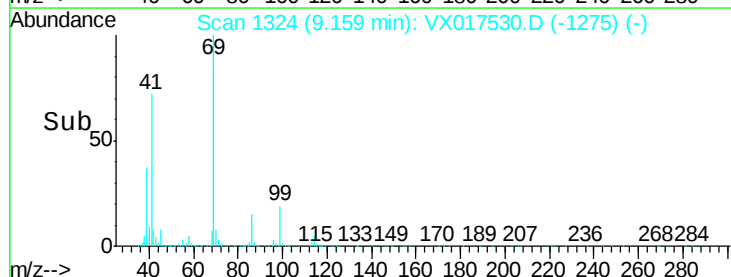
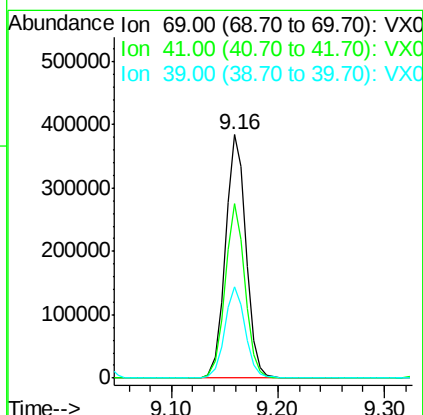
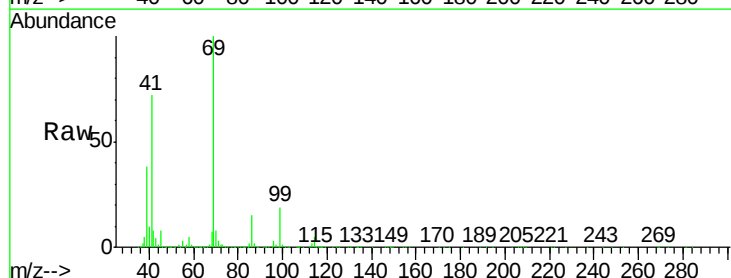
Manual Integrations
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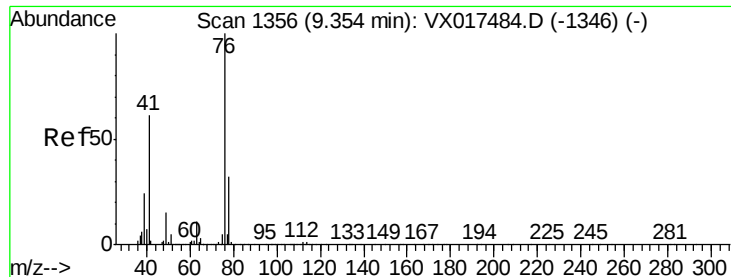
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#56
 Ethyl methacrylate
 Concen: 54.306 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		518893		
41	69.3	55.0	82.6		
39	37.1	30.0	45.0		





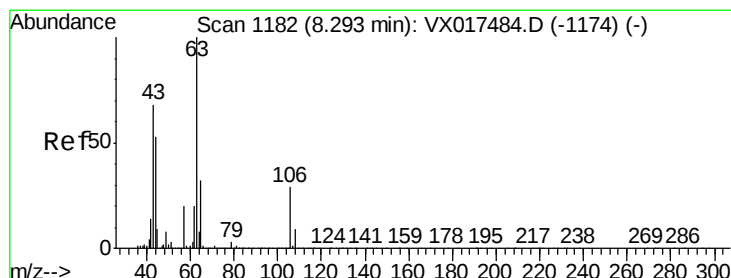
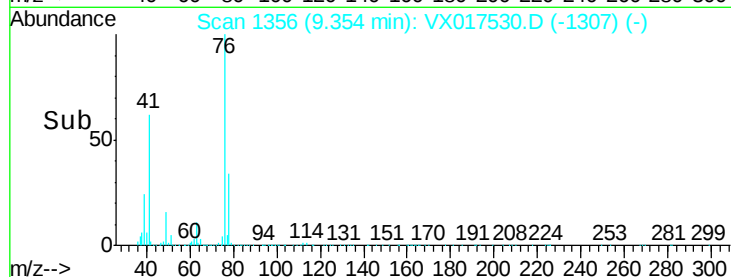
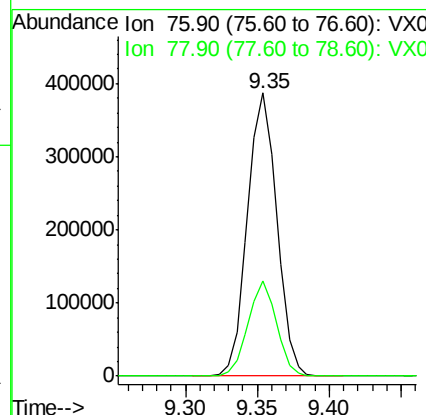
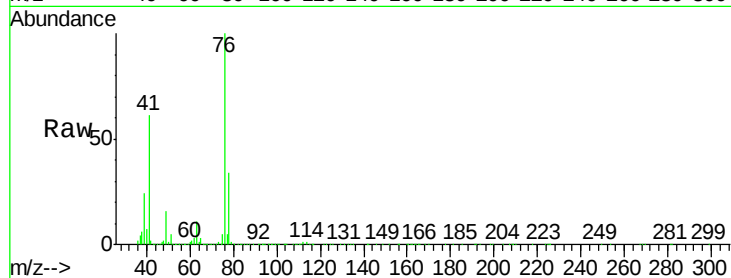
#57
 1,3-Dichloropropane
 Concen: 52.493 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

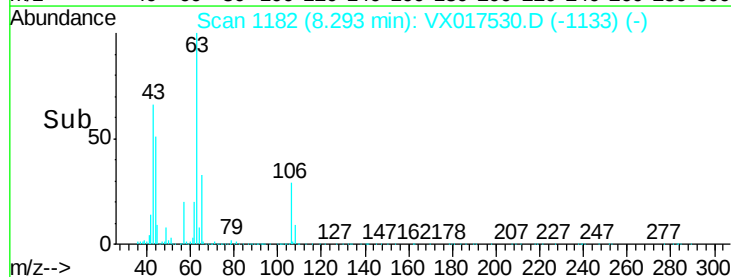
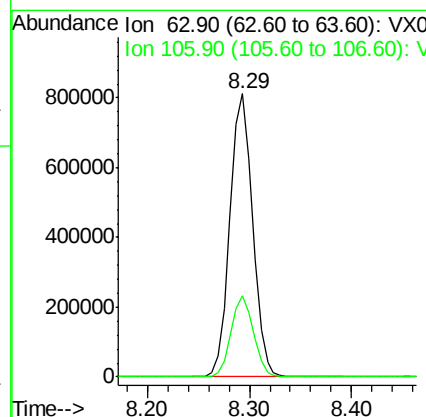
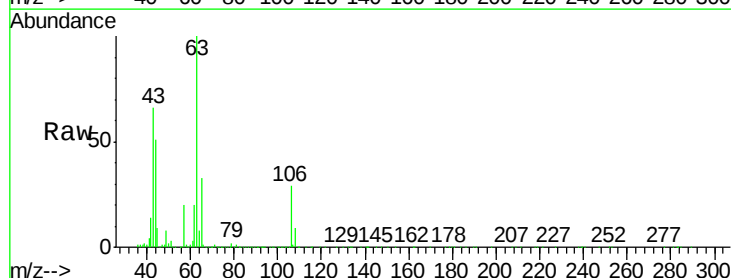
Manual Integrations
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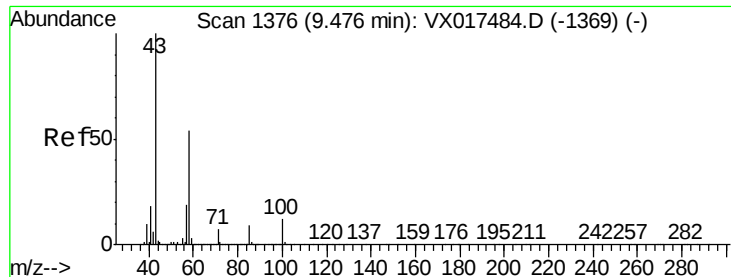
MMDadoda
 7/24/2020 9:55:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.055 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.6	34.0





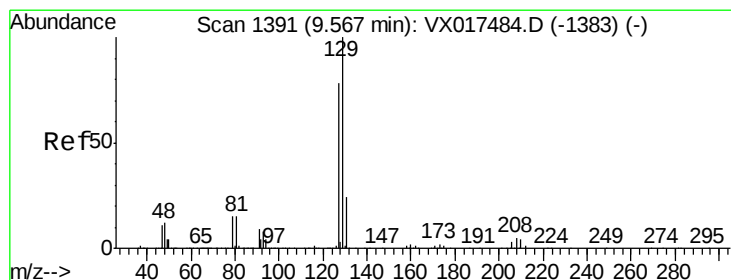
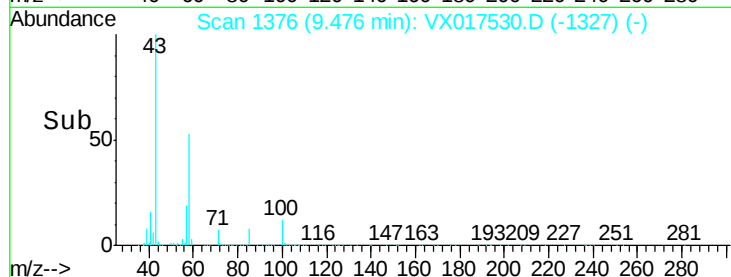
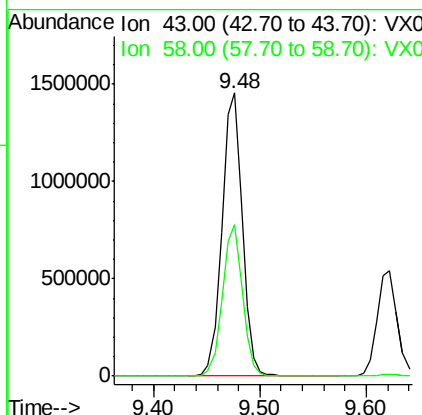
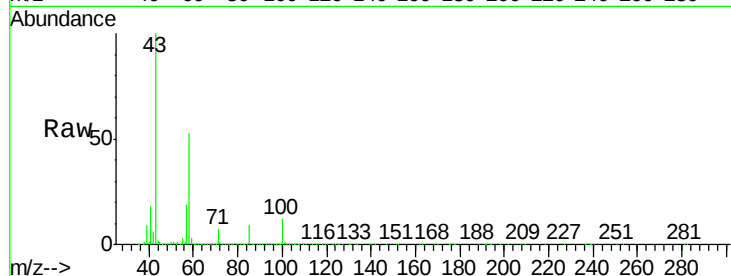
#59
2-Hexanone
Concen: 288.148 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1934945
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8

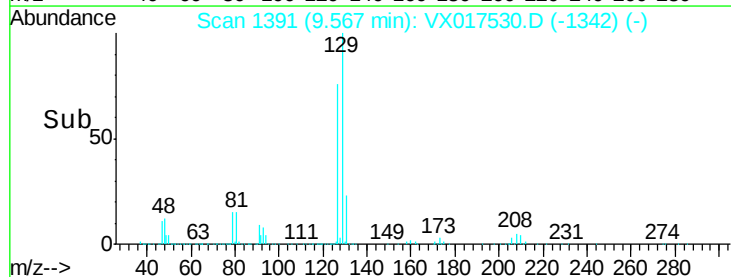
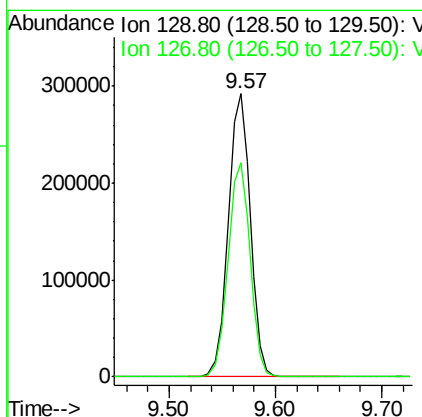
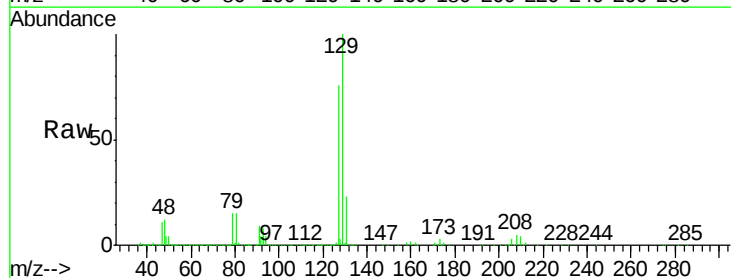
Manual Integrations
APPROVED

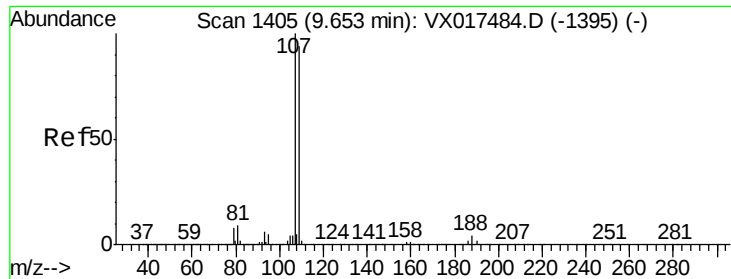
MMDadoda
7/24/2020 9:55:55 AM



#60
Dibromochloromethane
Concen: 52.600 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 129 Resp: 424003
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





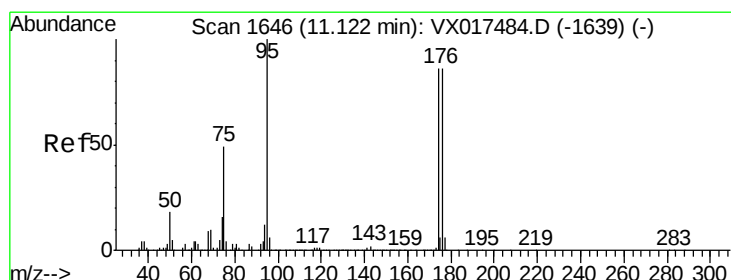
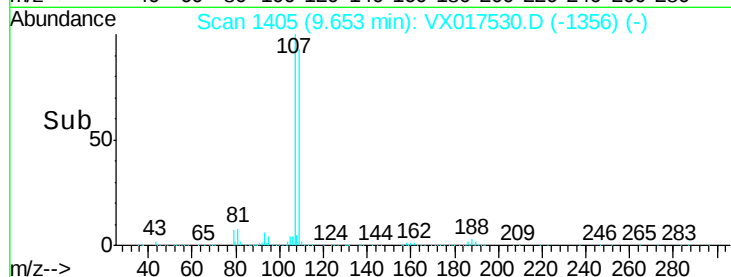
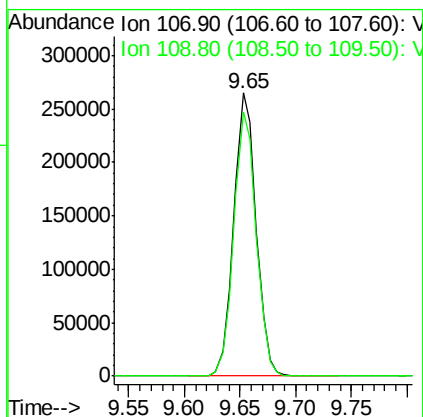
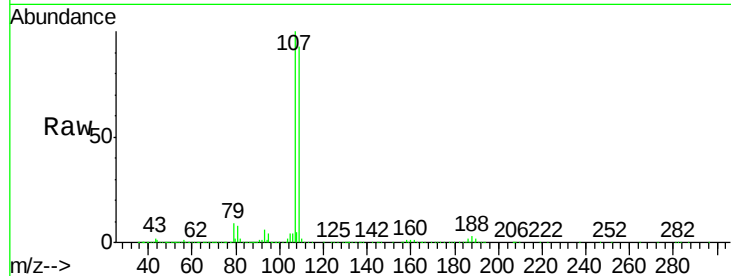
#61
 1,2-Dibromoethane
 Concen: 54.355 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.9	112.3

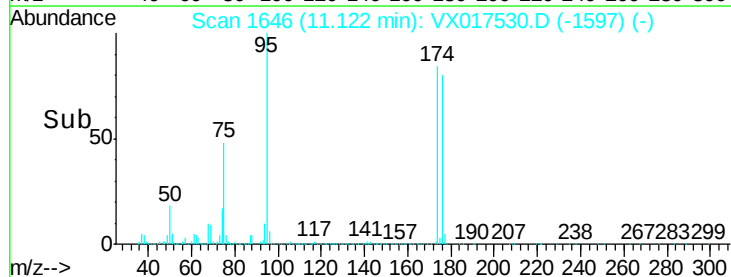
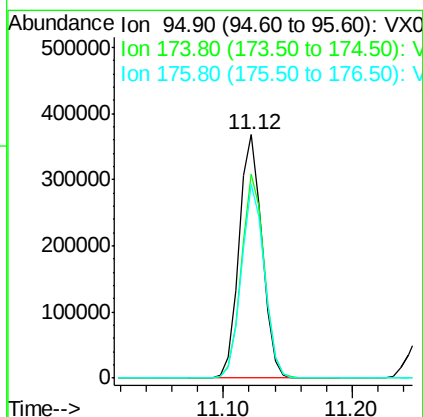
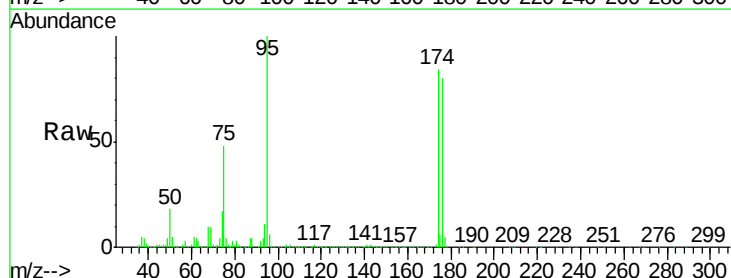
Manual Integrations
 APPROVED

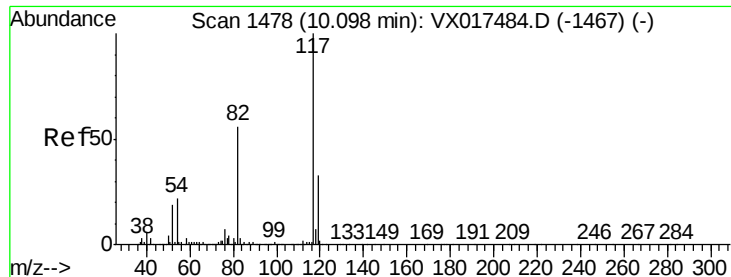
MMDadoda
 7/24/2020 9:55:55 AM



#62
 4-Bromofluorobenzene
 Concen: 54.607 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	169.0
176	79.1	0.0	161.0





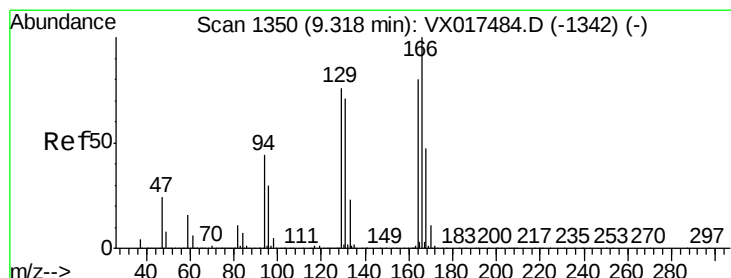
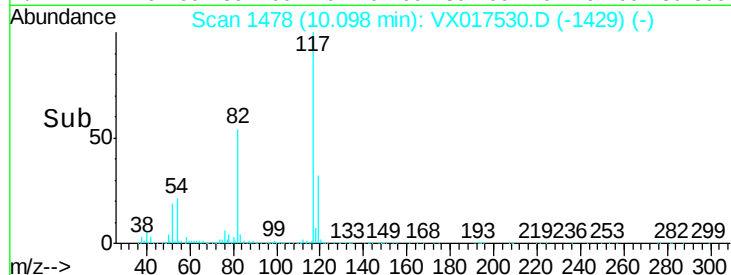
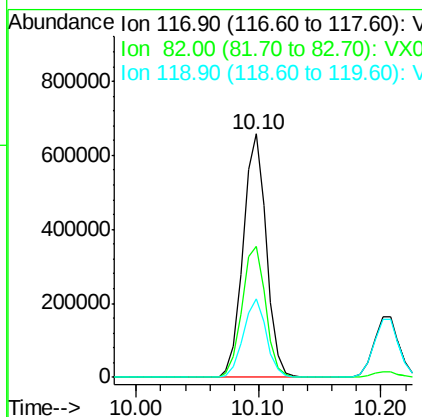
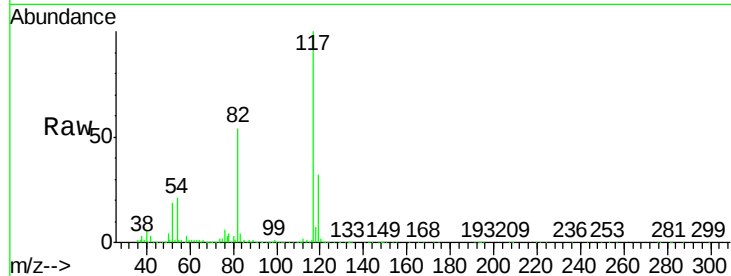
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.0	66.0
119	32.1	25.4	38.0

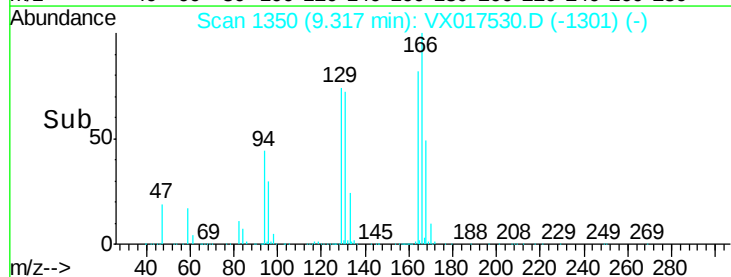
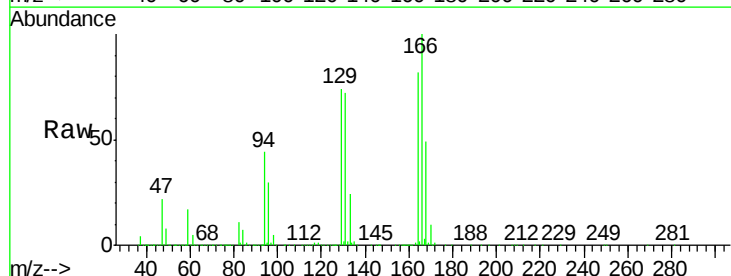
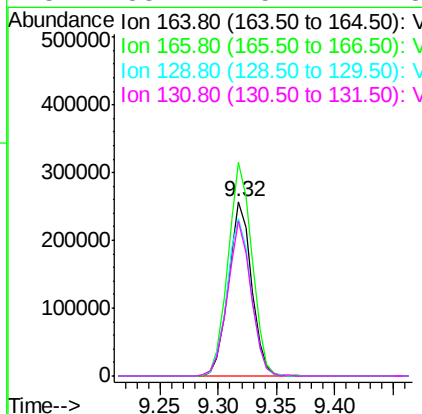
Manual Integrations
APPROVED

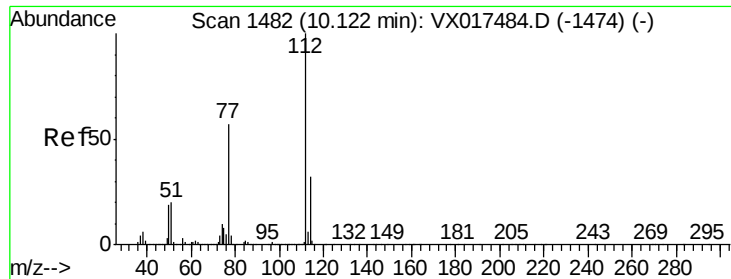
MMDadoda
7/24/2020 9:55:55 AM



#64
Tetrachloroethene
Concen: 45.905 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	100.6	150.8
129	90.5	75.0	112.6
131	88.4	75.2	112.8





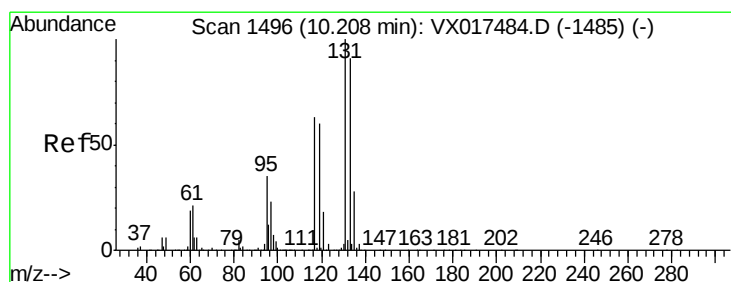
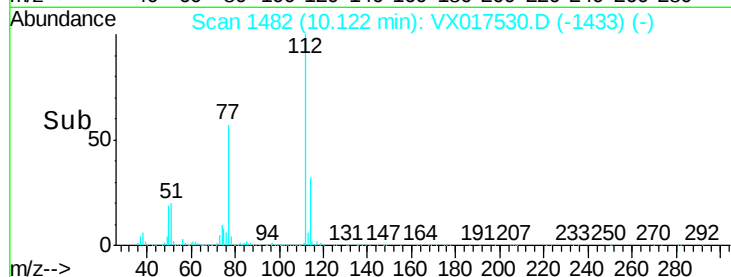
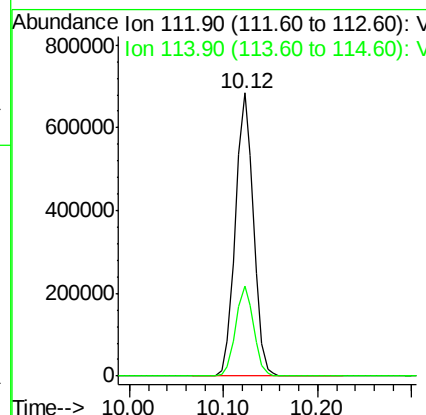
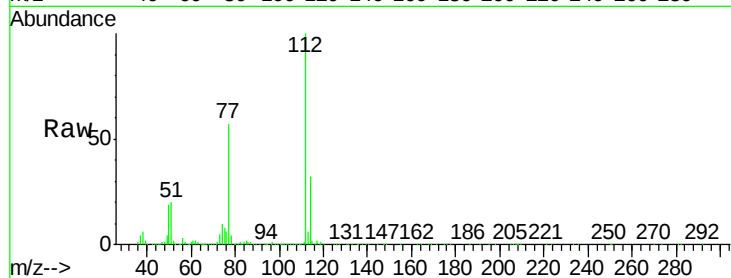
#65
Chlorobenzene
Concen: 48.804 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

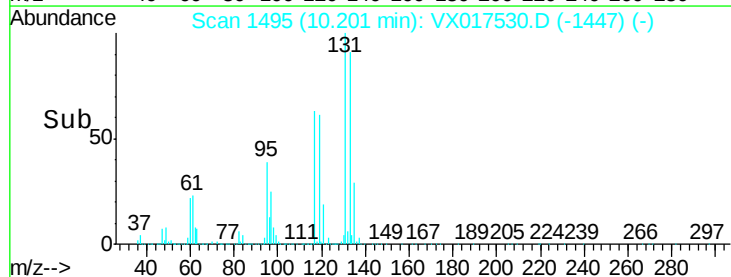
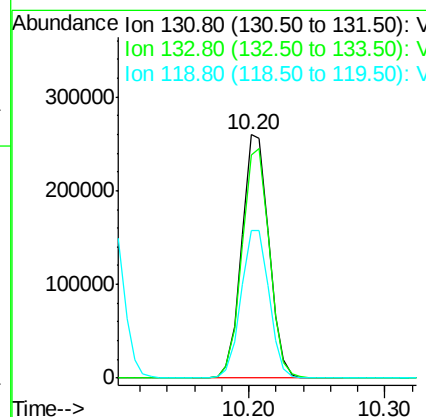
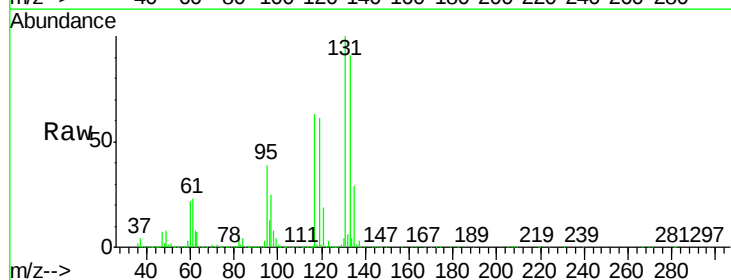
Manual Integrations
APPROVED

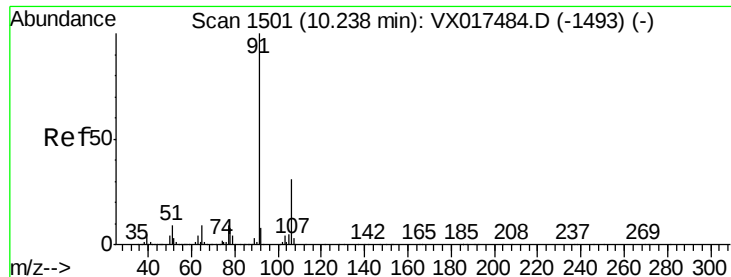
MMDadoda
7/24/2020 9:55:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.035 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.9	143.6
119	62.6	31.1	93.3





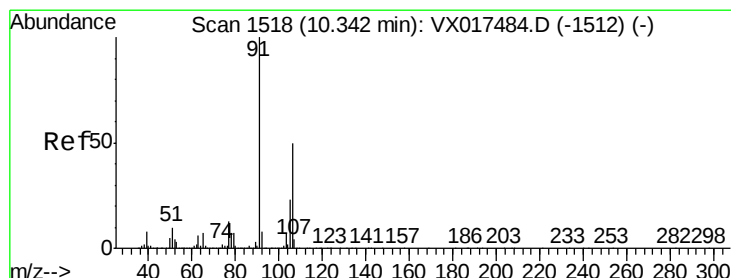
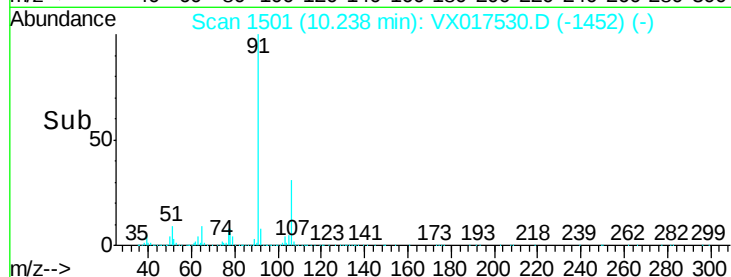
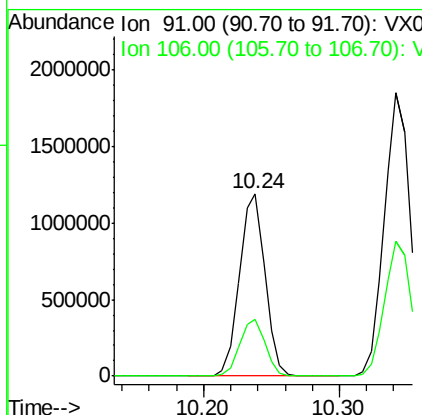
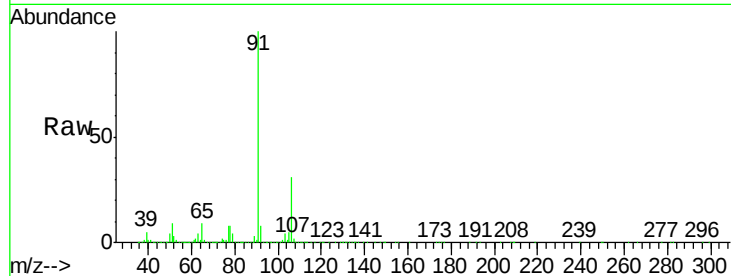
#67
Ethyl Benzene
Concen: 50.093 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1558884
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6

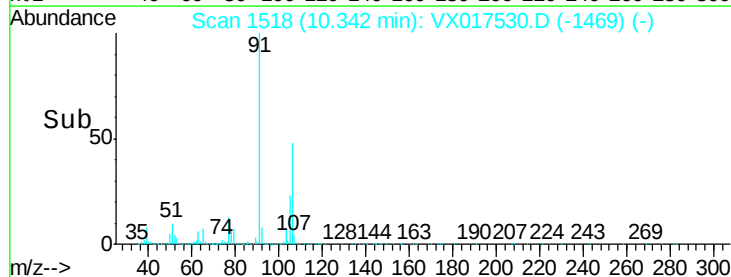
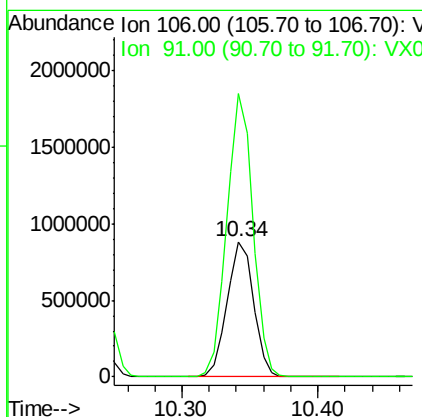
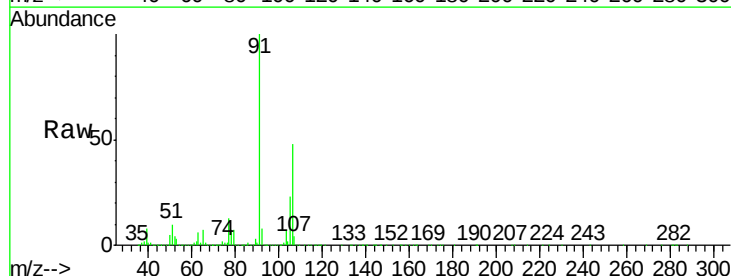
Manual Integrations
APPROVED

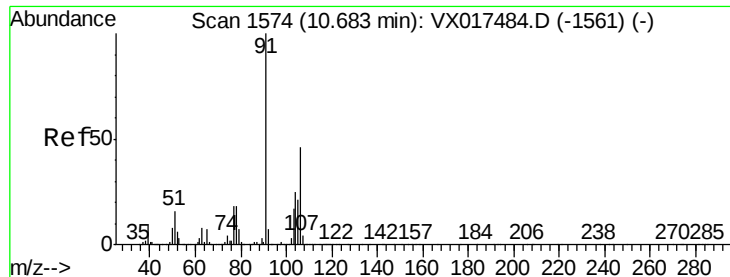
MMDadoda
7/24/2020 9:55:55 AM



#68
m/p-Xylenes
Concen: 99.362 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion: 106 Resp: 1197882
Ion Ratio Lower Upper
106 100
91 205.8 160.9 241.3





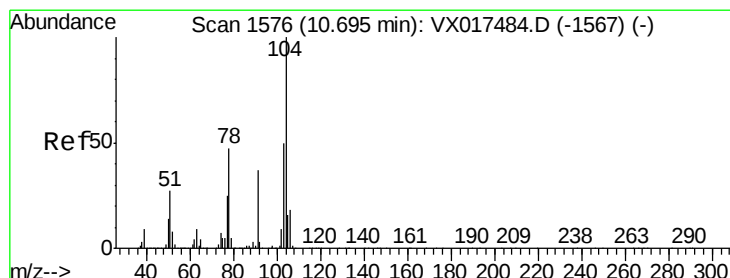
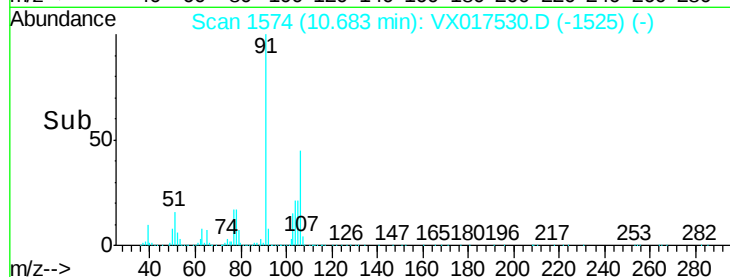
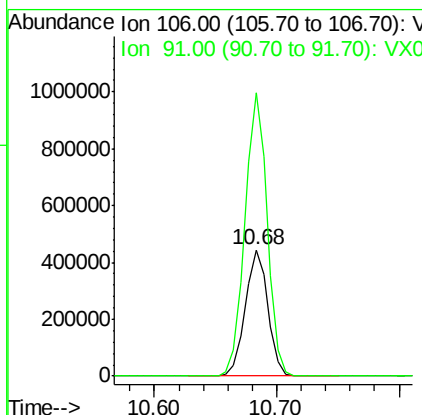
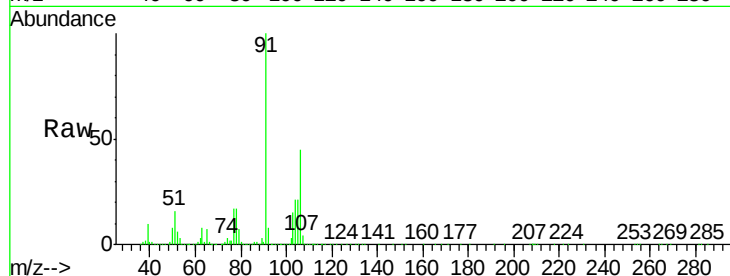
#69
o-Xylene
Concen: 49.015 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 568327
Ion Ratio Lower Upper
106 100
91 220.6 108.2 324.6

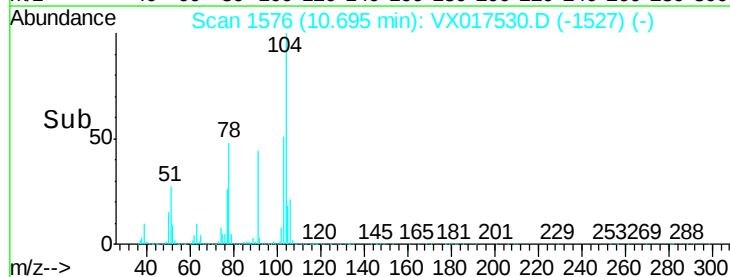
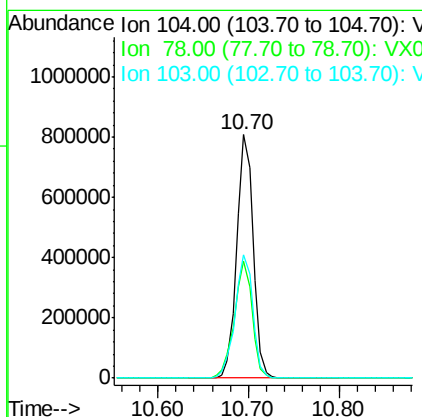
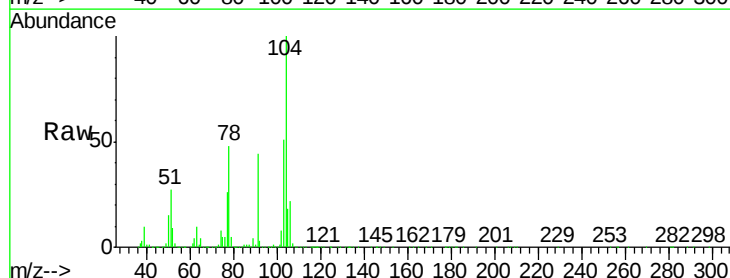
Manual Integrations
APPROVED

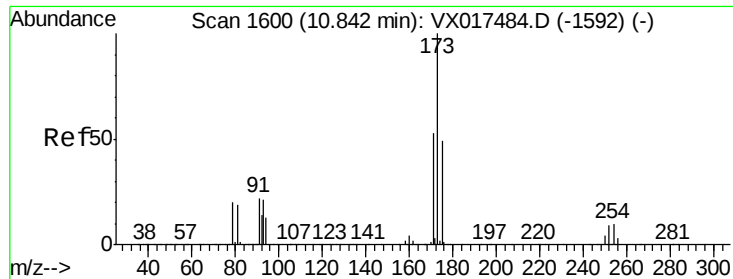
MMDadoda
7/24/2020 9:55:55 AM



#70
Styrene
Concen: 51.595 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:104 Resp: 1017851
Ion Ratio Lower Upper
104 100
78 52.0 42.5 63.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 49.127 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 320244

Ion Ratio Lower Upper

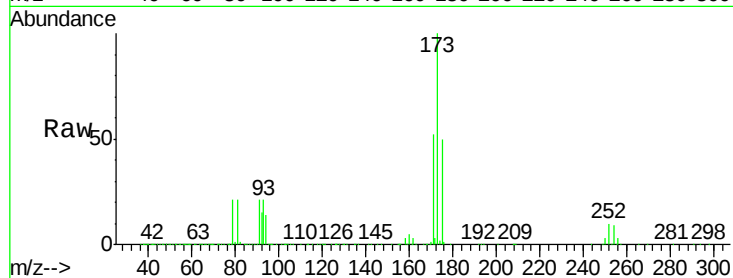
173 100

175 48.3 23.8 71.5

254 0.2 0.1 0.1#

Manual Integrations
APPROVED

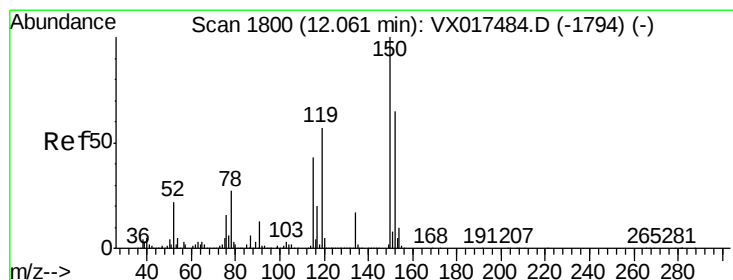
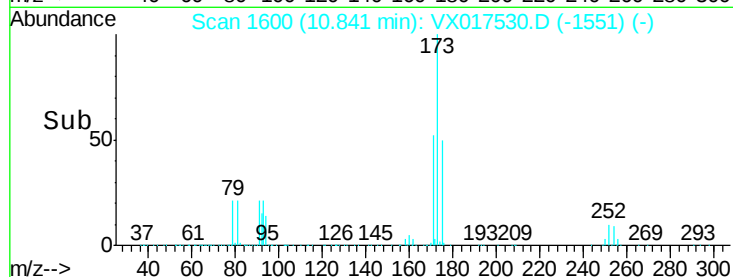
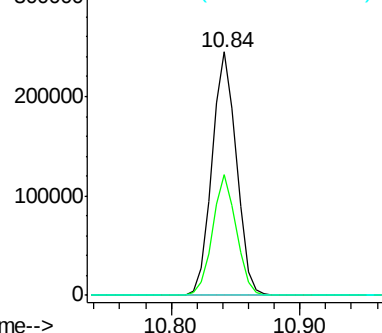
MMDadoda
7/24/2020 9:55:55 AM



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: VX017530.D

Acq: 24 Jul 2020 06:48

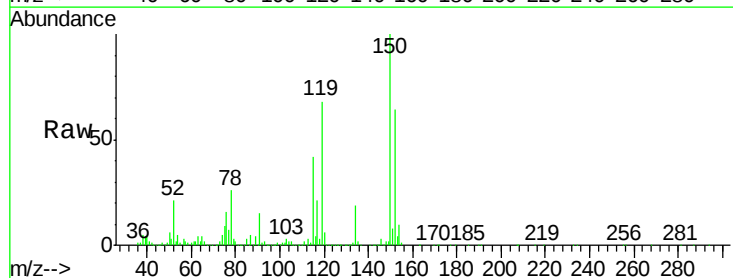
Tgt Ion:152 Resp: 467444

Ion Ratio Lower Upper

152 100

115 81.2 65.5 196.6

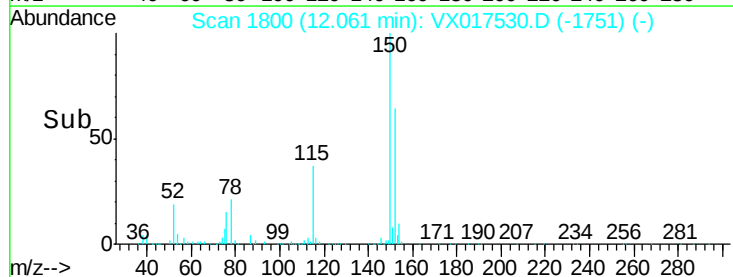
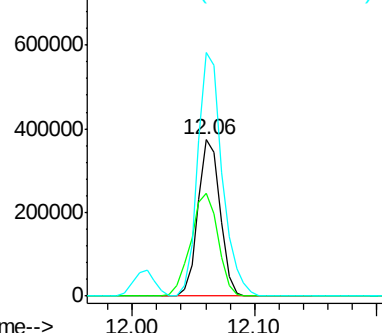
150 172.2 0.0 412.6

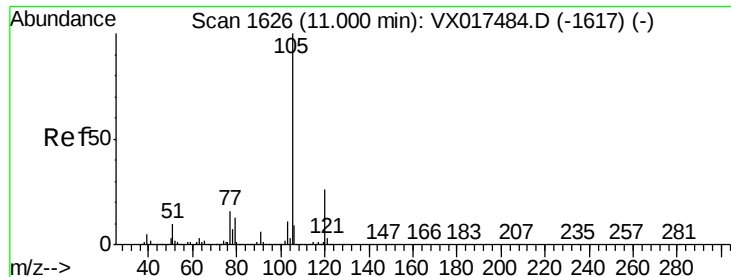


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.669 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1592775

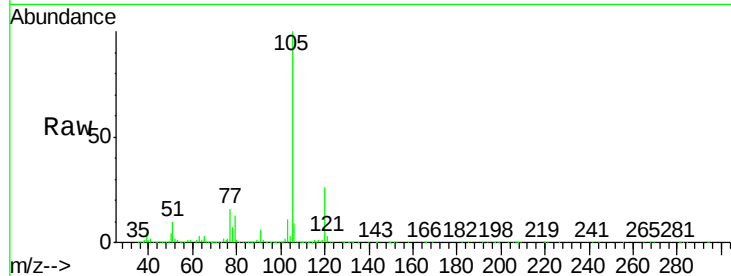
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

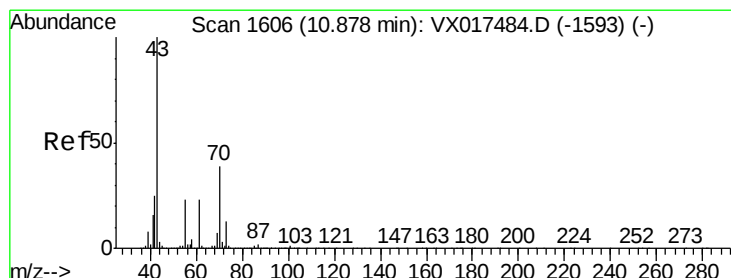
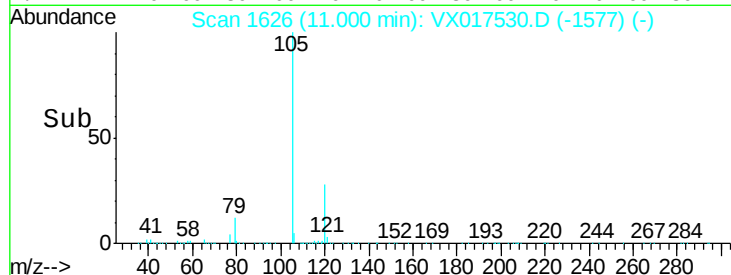
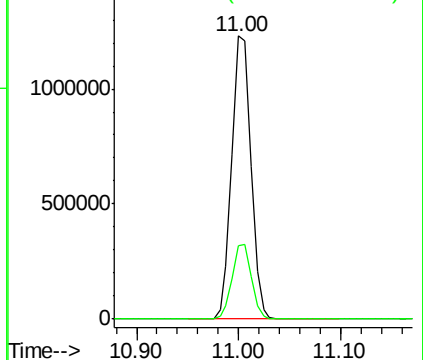
Manual Integrations
APPROVED

MMDadoda
7/24/2020 9:55:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.505 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion: 43 Resp: 733837

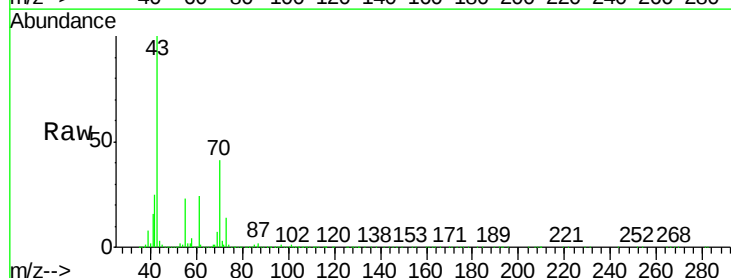
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 23.7 18.4 27.6

61 23.8 18.6 28.0

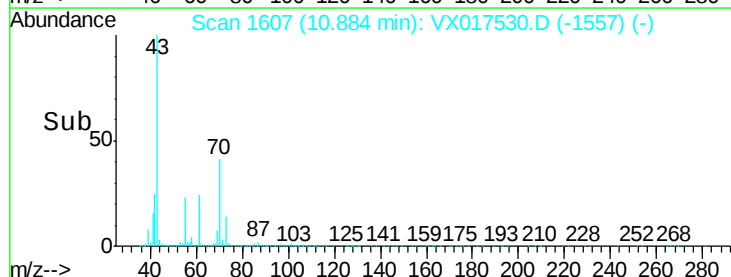
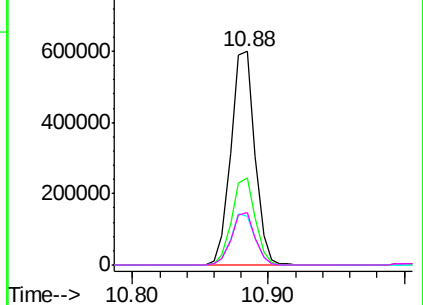


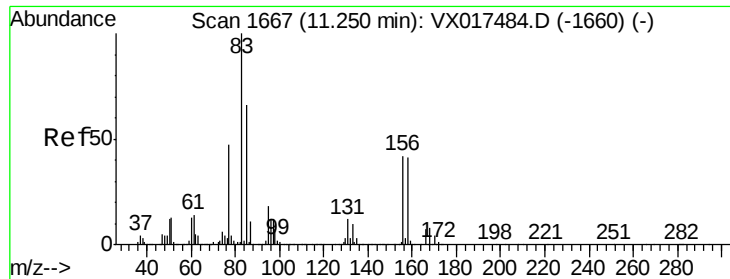
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.888 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 479328

Ion Ratio Lower Upper

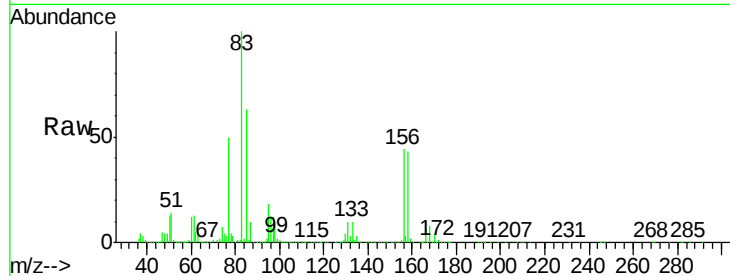
83 100

131 11.2 5.5 16.5

85 64.5 32.1 96.3

Manual Integrations
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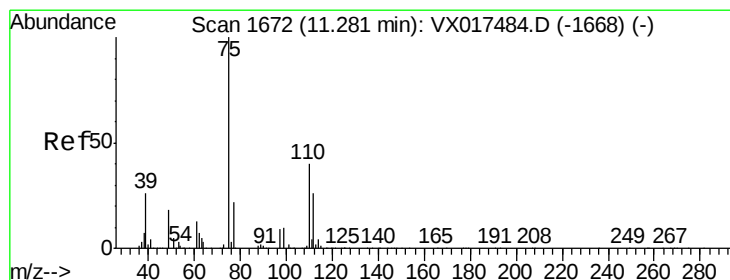
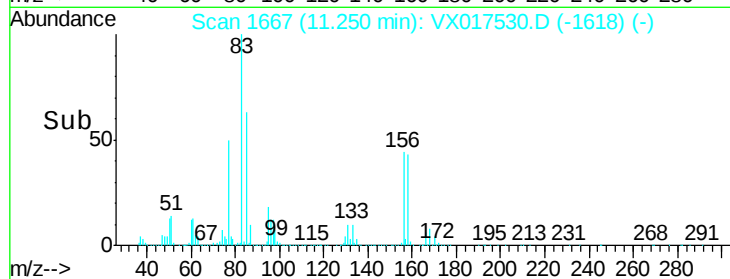
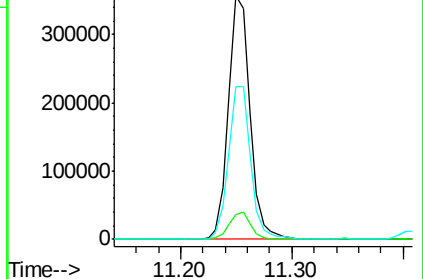
MMDadoda
7/24/2020 9:55:55 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.944 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017530.D

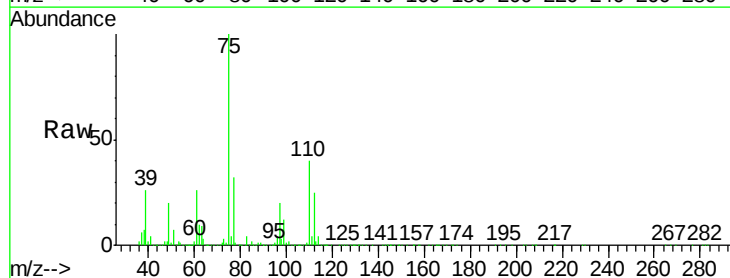
Acq: 24 Jul 2020 06:48

Tgt Ion: 75 Resp: 461006

Ion Ratio Lower Upper

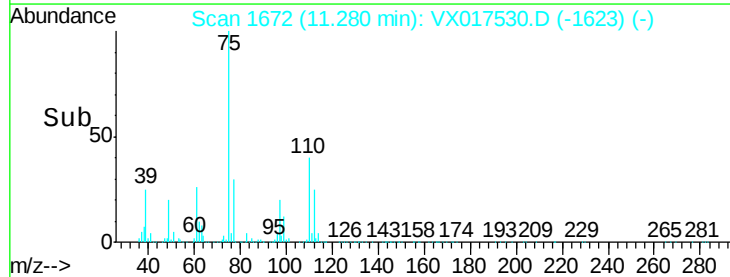
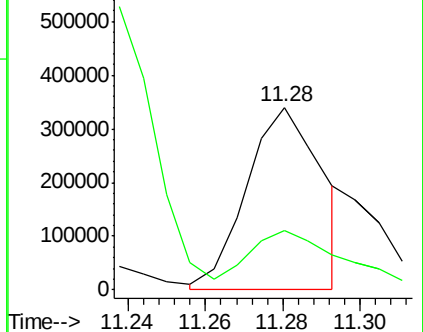
75 100

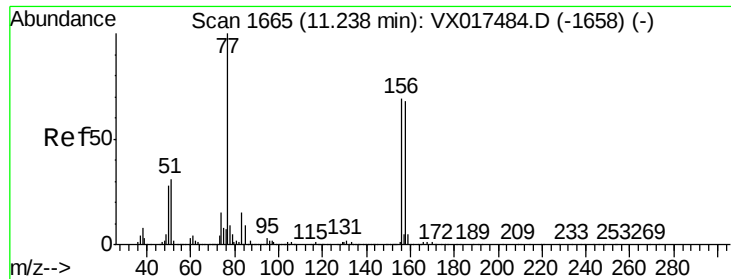
77 41.1 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.107 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

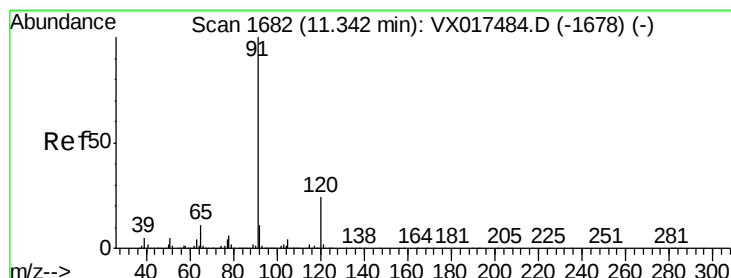
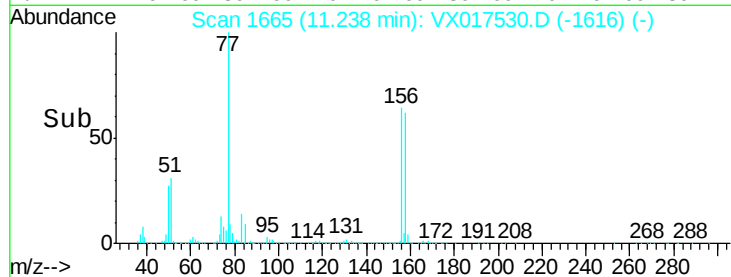
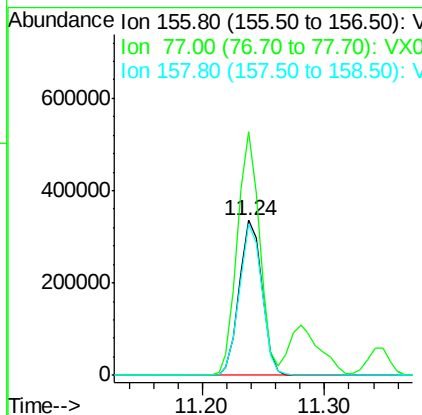
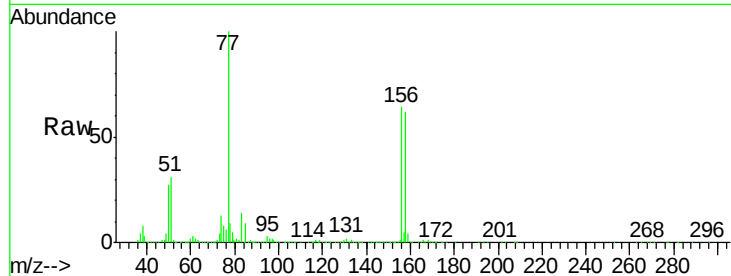
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	431872
Ion Ratio	Lower	Upper	
156	100		
77	152.8	75.0	225.0
158	96.9	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.576 ug/l

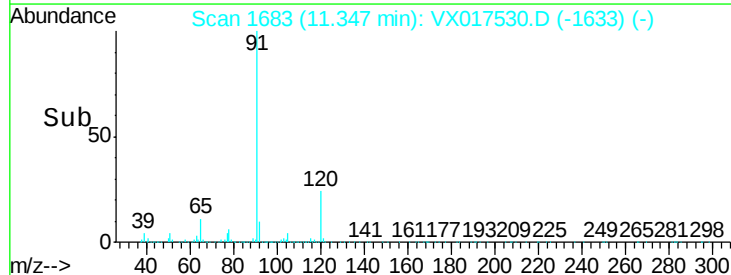
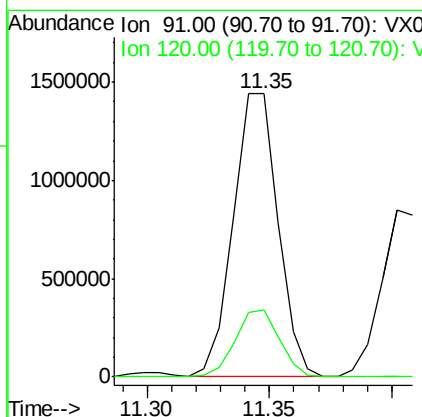
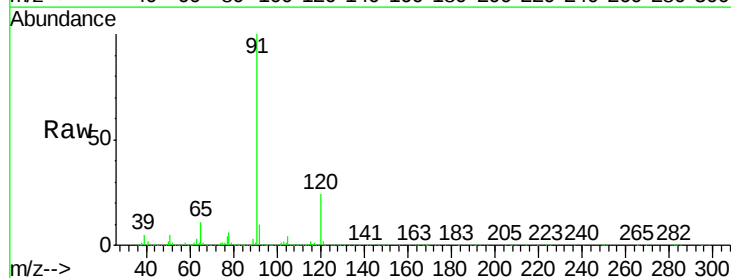
RT: 11.35 min Scan# 1683

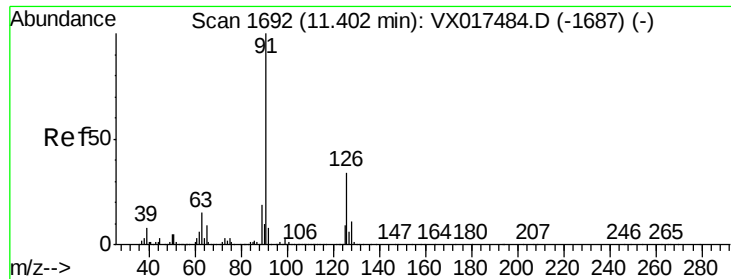
Delta R.T. 0.01 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion:	91	Resp:	1829185
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 48.607 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1089005

Ion Ratio Lower Upper

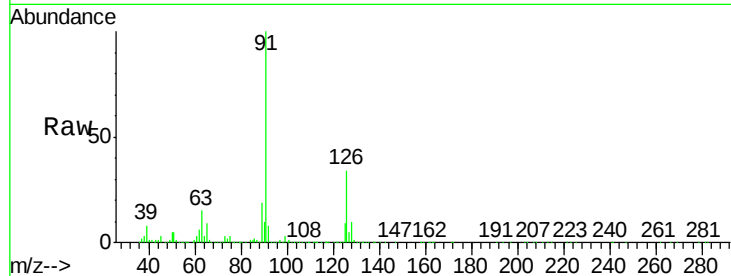
91 100

126 34.7 17.5 52.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)

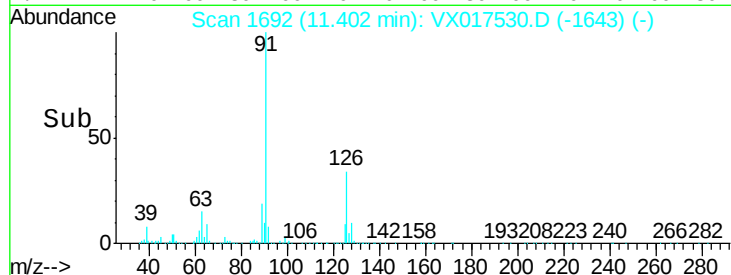
1500000

1000000

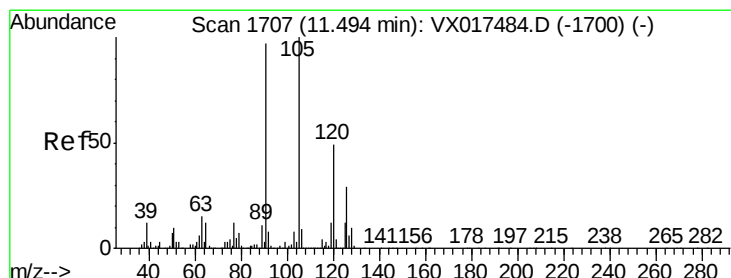
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.350 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017530.D

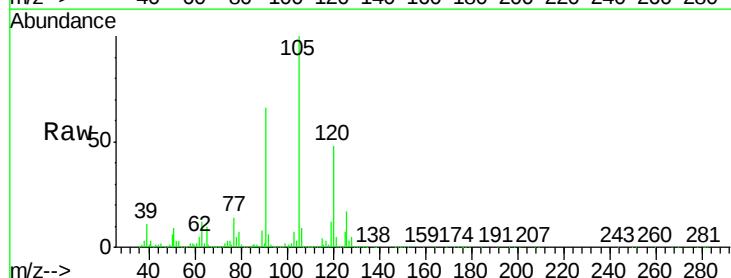
Acq: 24 Jul 2020 06:48

Tgt Ion:105 Resp: 1378557

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)

1200000

1000000

800000

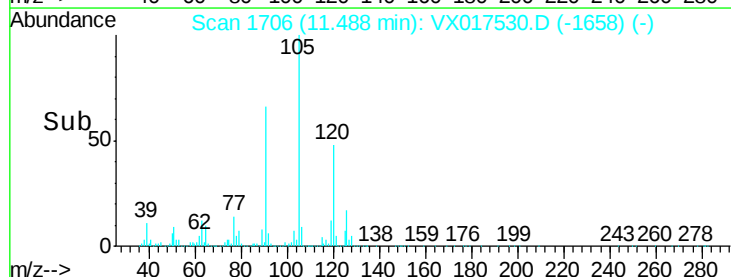
600000

400000

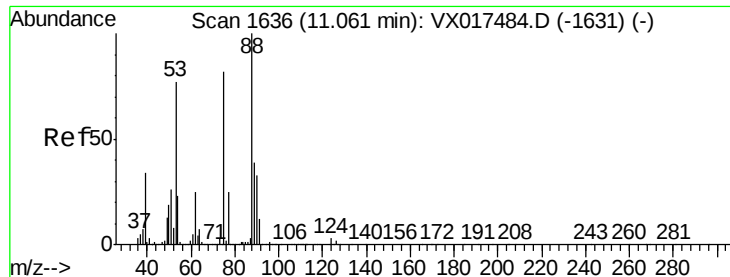
200000

0

11.50 11.60



Time-->



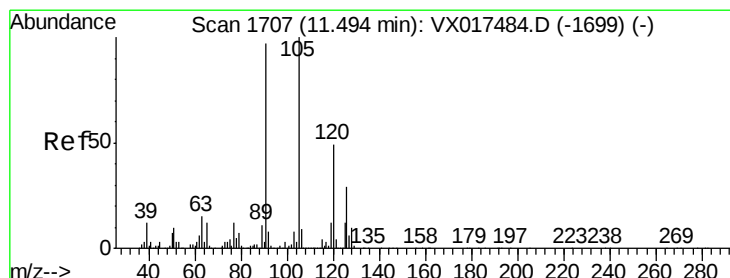
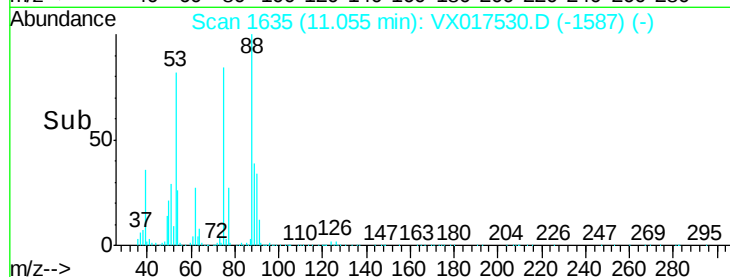
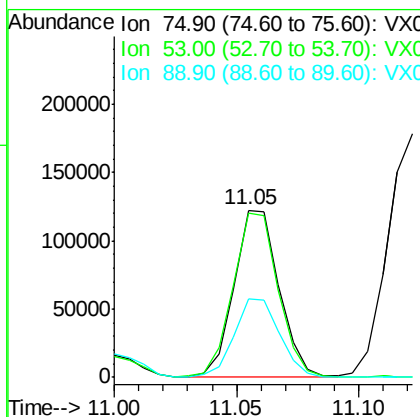
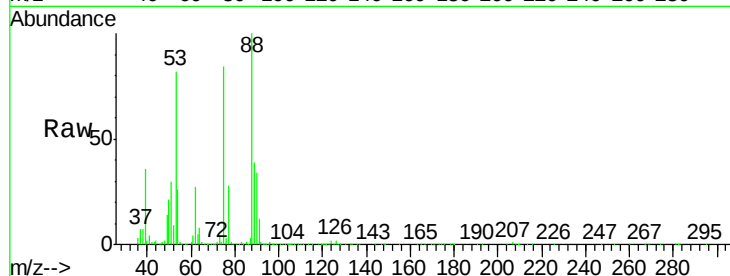
#81
trans-1,4-Dichloro-2-butene
Concen: 40.978 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	75.9	113.9
89	47.9	37.8	56.6

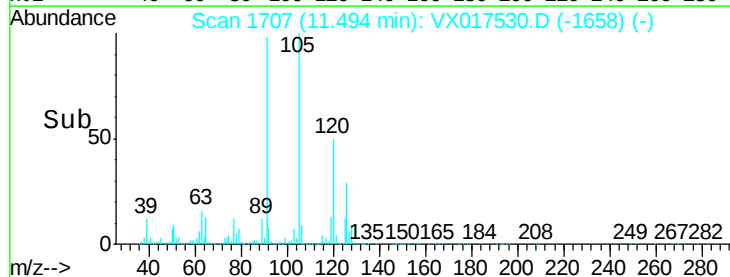
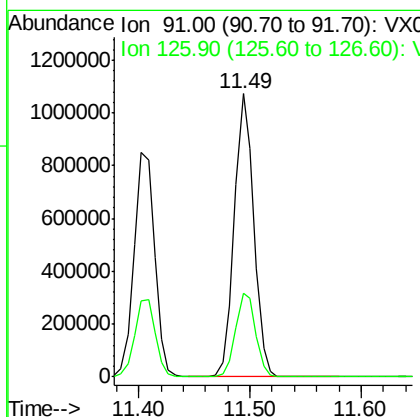
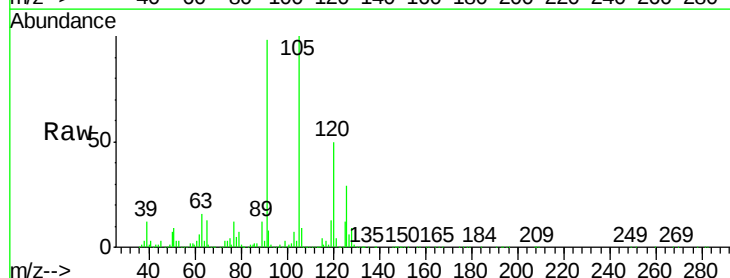
Manual Integrations
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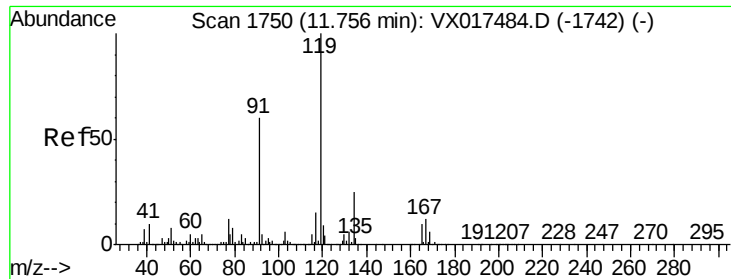
MMDadoda
7/24/2020 9:55:55 AM



#82
4-Chlorotoluene
Concen: 49.161 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





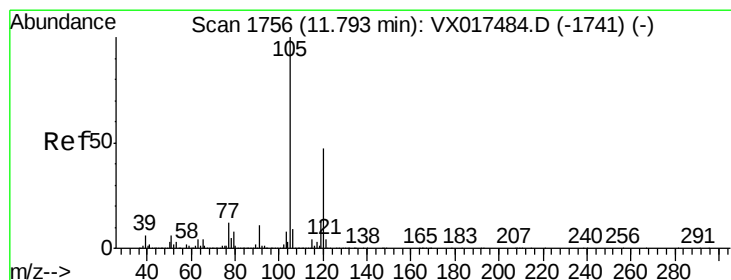
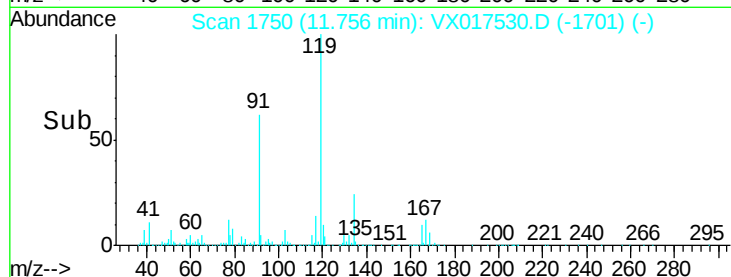
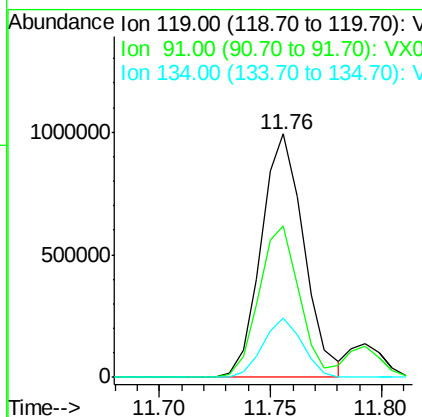
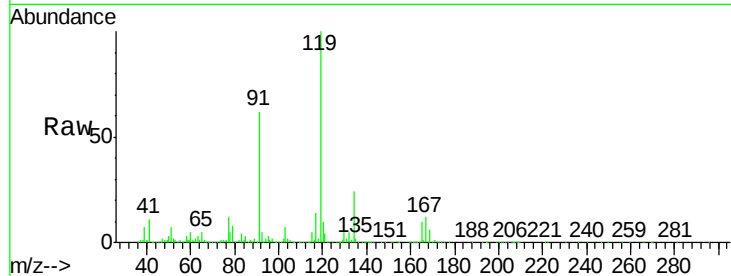
#83
 tert-Butylbenzene
 Concen: 50.509 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.3	88.0
134	22.6	11.2	33.6

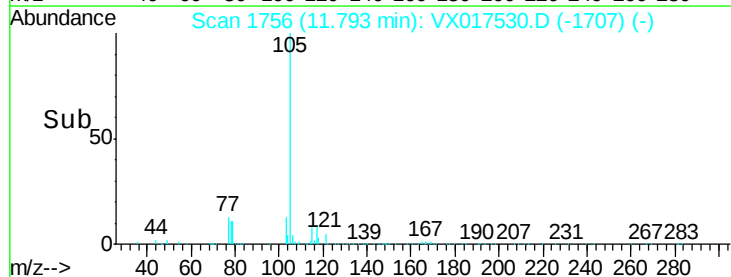
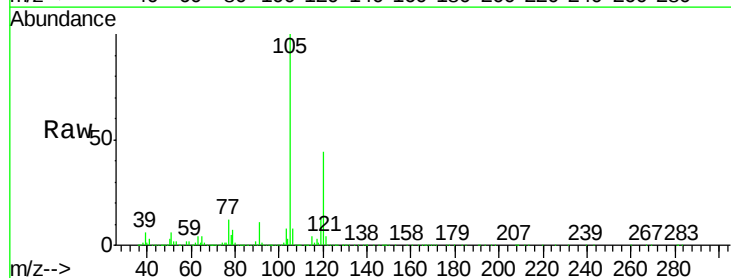
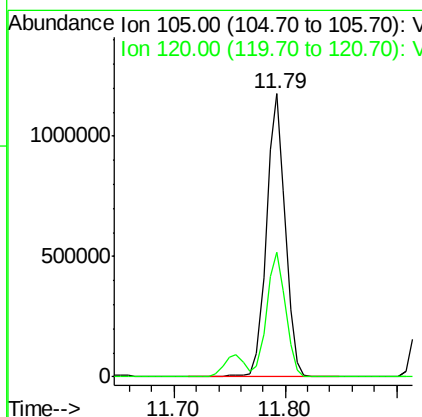
Manual Integrations
 APPROVED

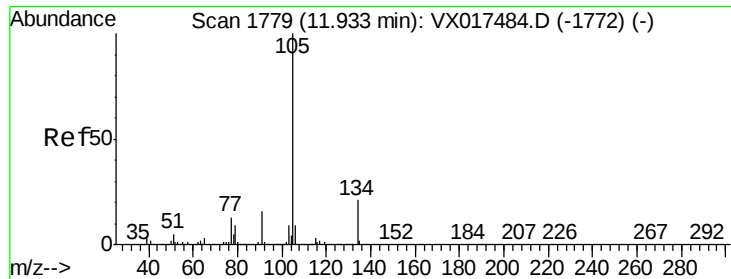
MMDadoda
 7/24/2020 9:55:55 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.954 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.7	68.0





#85

sec-Butylbenzene

Concen: 50.871 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1552537

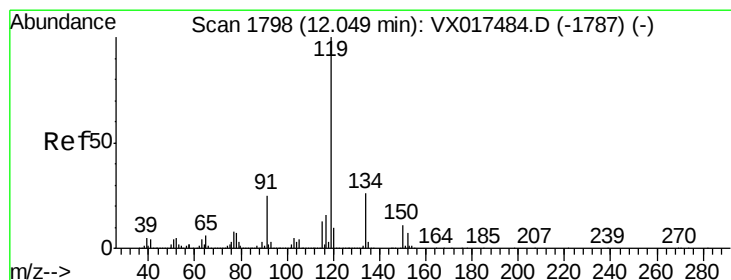
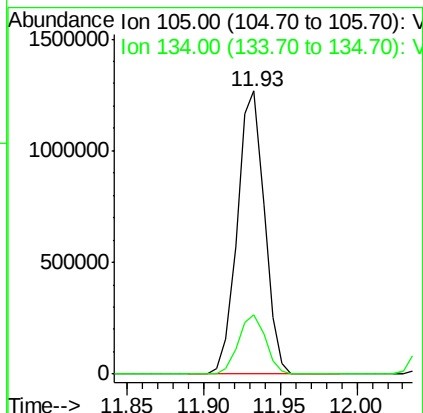
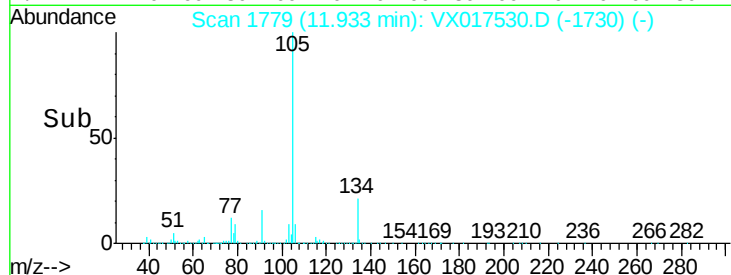
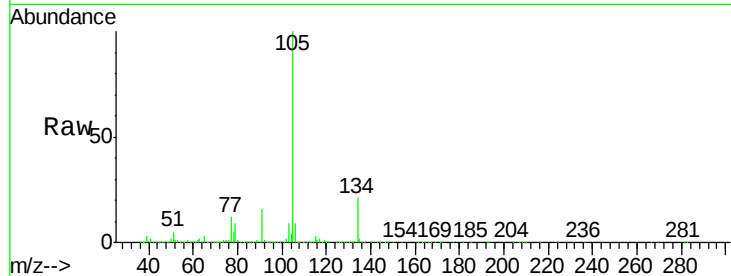
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 50.539 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

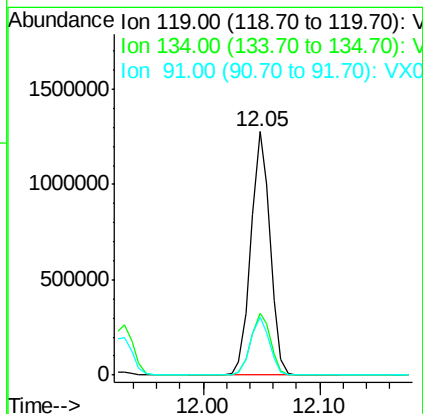
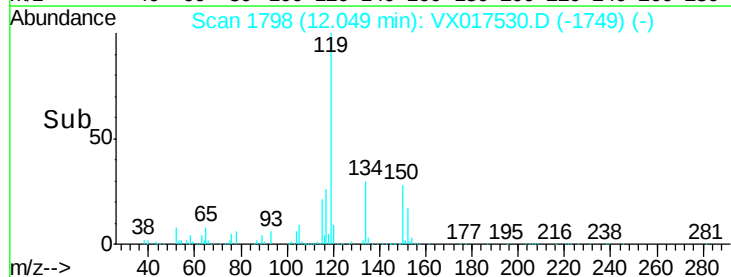
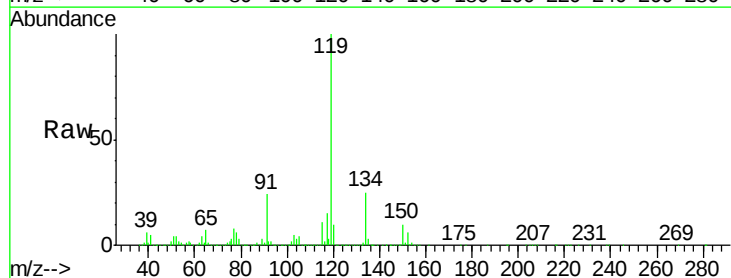
Tgt Ion:119 Resp: 1468825

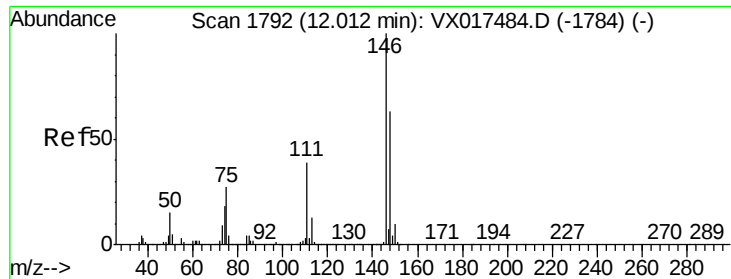
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.484 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Instrument :

MSVOA_X

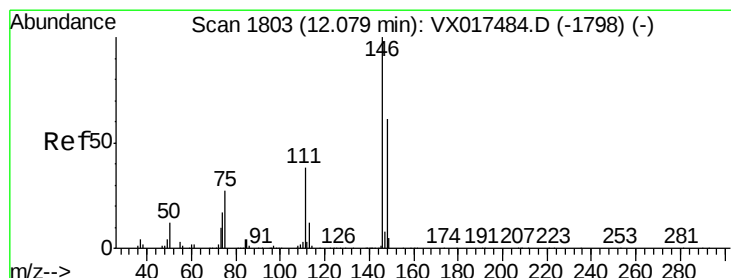
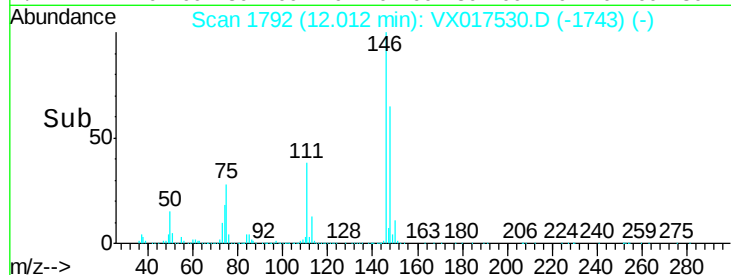
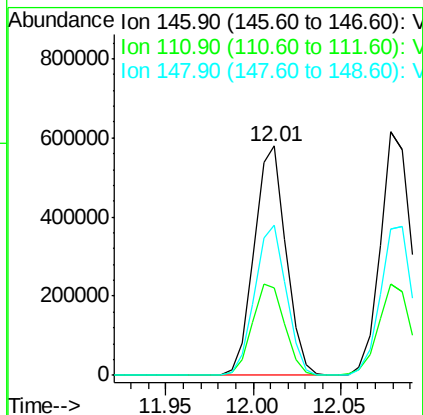
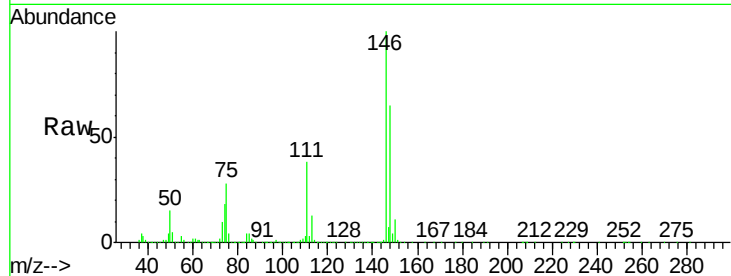
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	732025
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.9	59.7
148	64.9	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.882 ug/l

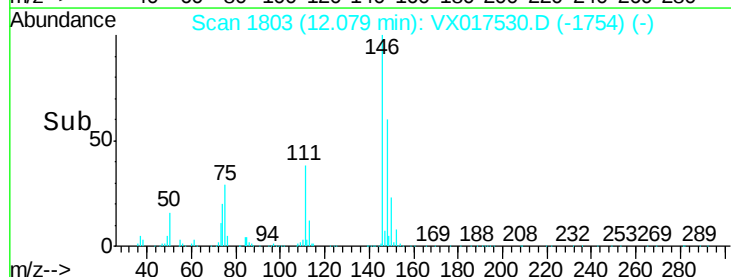
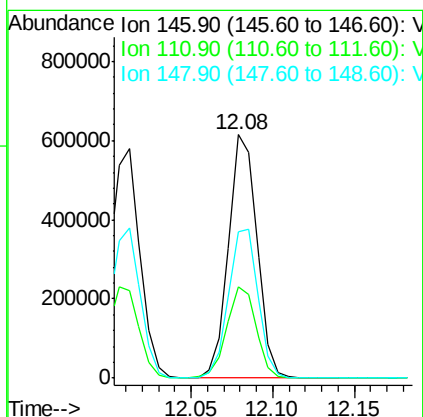
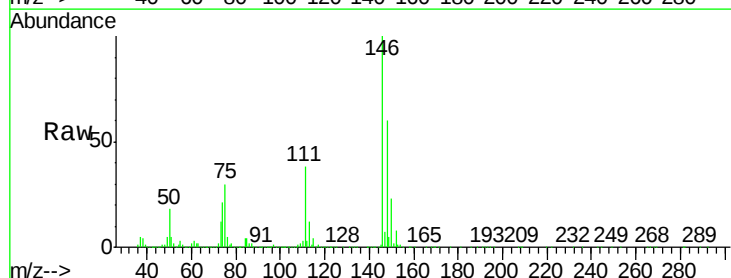
RT: 12.08 min Scan# 1803

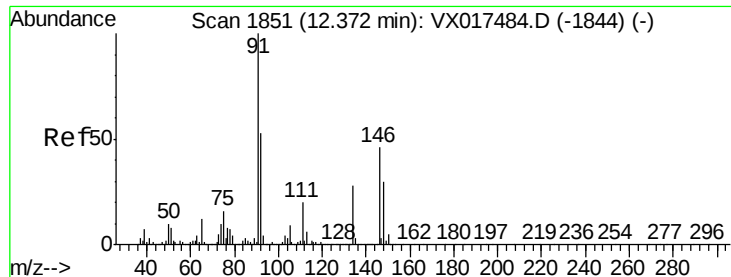
Delta R.T. -0.00 min

Lab File: VX017530.D

Acq: 24 Jul 2020 06:48

Tgt Ion:	146	Resp:	748639
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.3	57.8
148	63.4	32.2	96.6





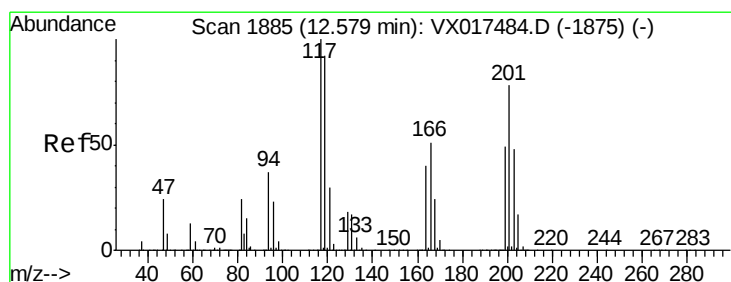
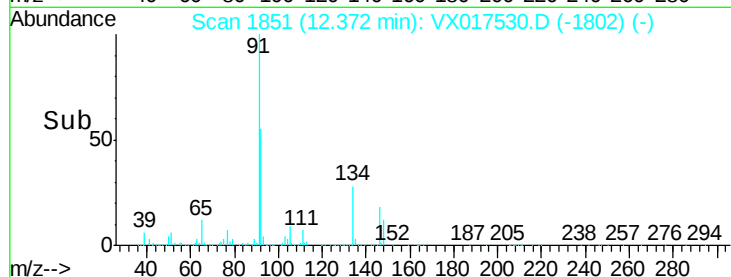
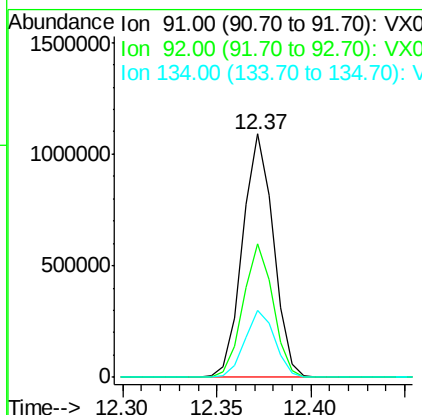
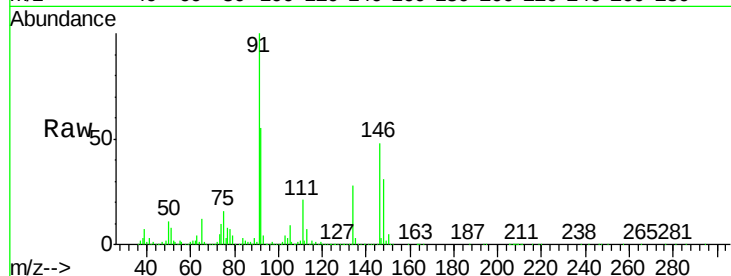
#89
n-Butylbenzene
Concen: 47.724 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	27.1	13.6	40.7

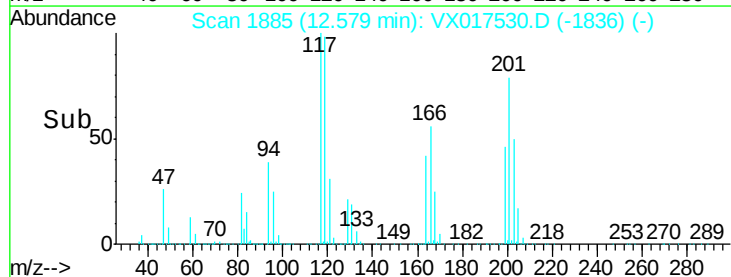
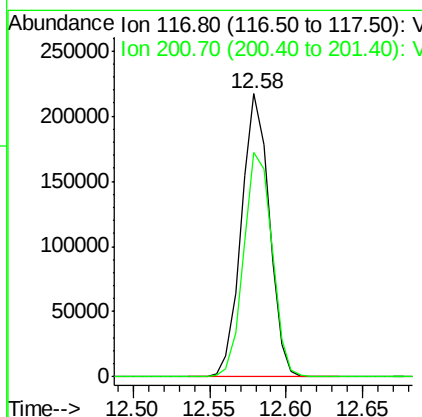
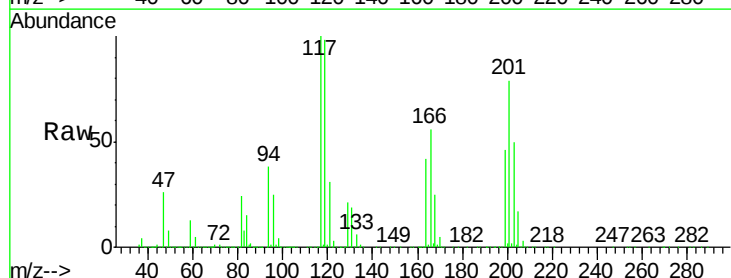
Manual Integrations
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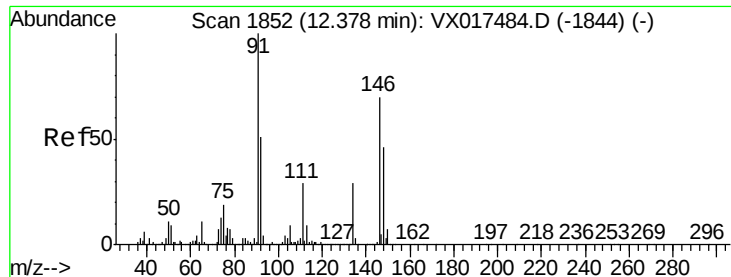
MMDadoda
7/24/2020 9:55:55 AM



#90
Hexachloroethane
Concen: 47.856 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.9	42.2	126.6





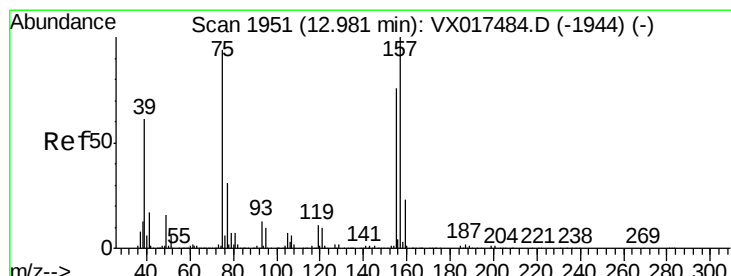
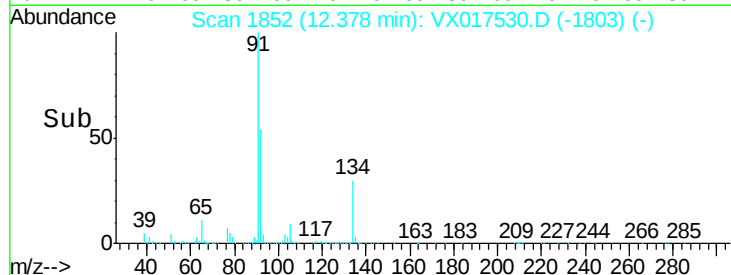
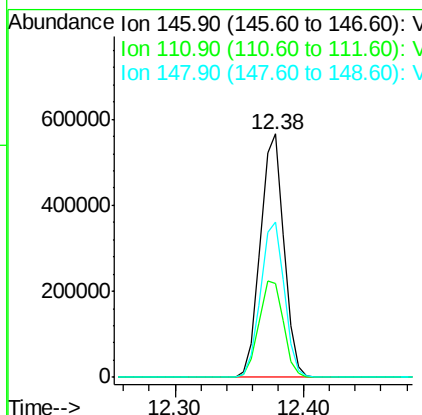
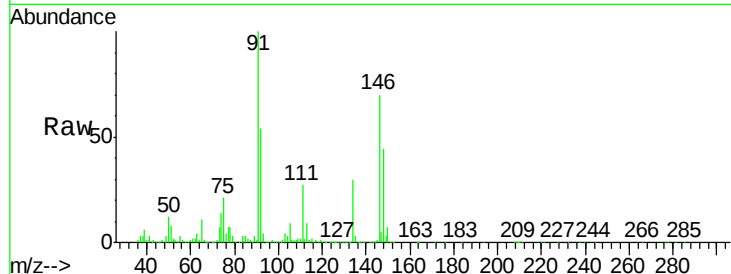
#91
 1,2-Dichlorobenzene
 Concen: 46.882 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	64.4	32.8	98.4

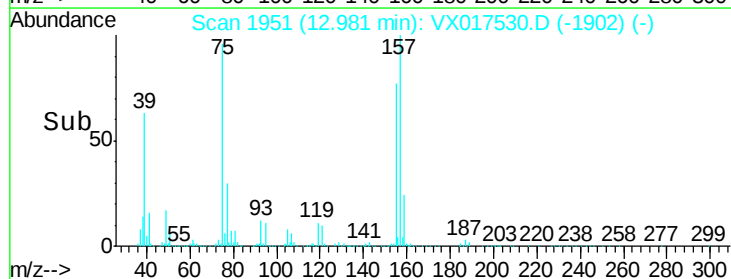
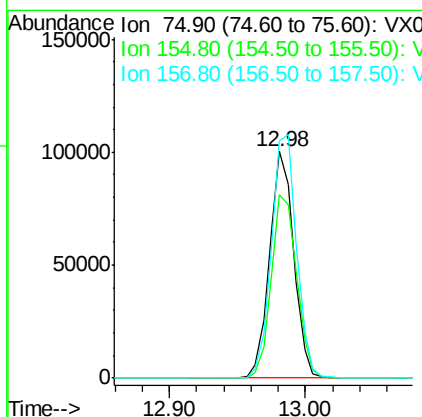
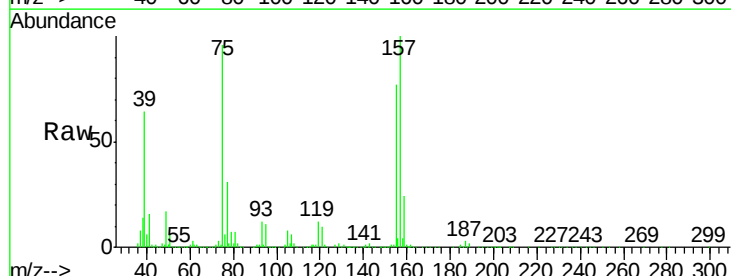
Manual Integrations
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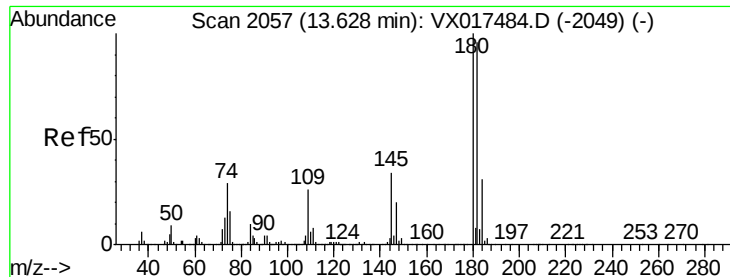
MMDadoda
 7/24/2020 9:55:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.570 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	42.3	126.8
157	111.6	54.3	162.9





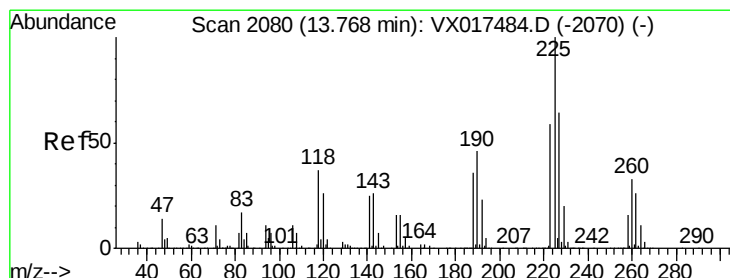
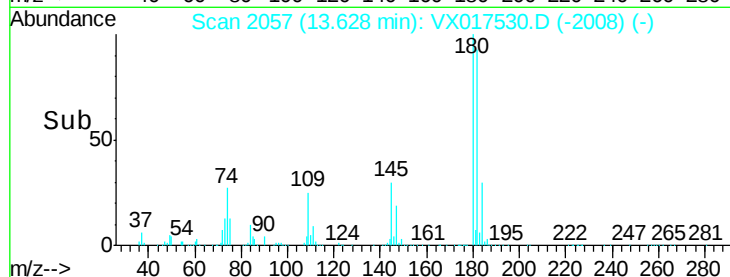
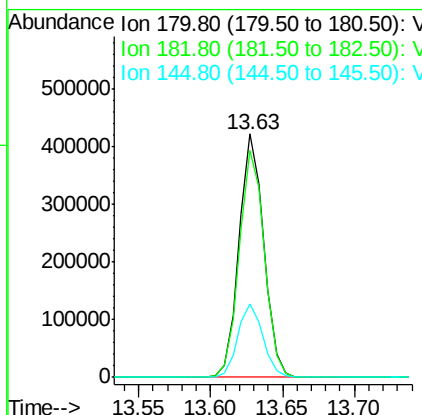
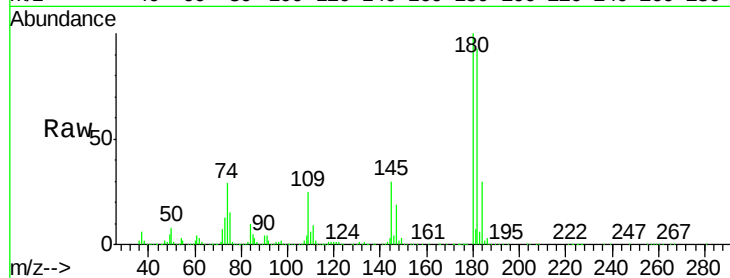
#93
 1,2,4-Trichlorobenzene
 Concen: 48.445 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	30.9	15.4	46.4

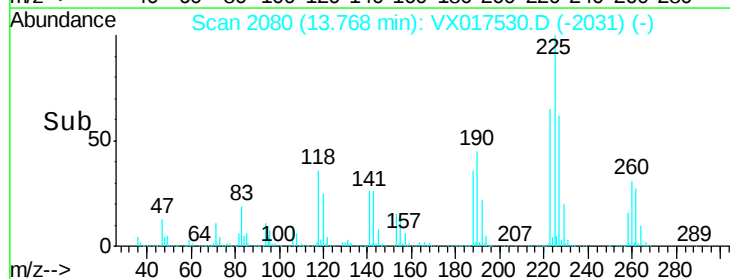
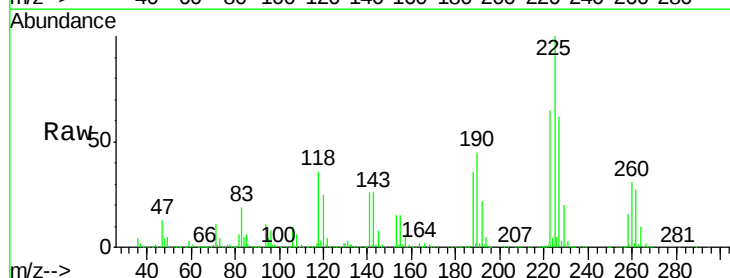
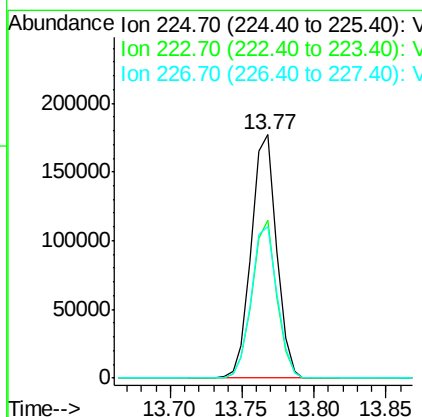
Manual Integrations
 APPROVED

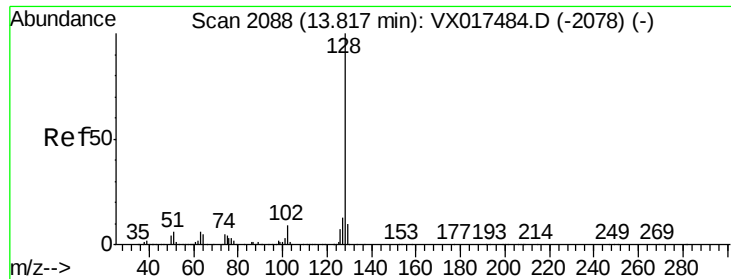
MMDadoda
 7/24/2020 9:55:55 AM



#94
 Hexachlorobutadiene
 Concen: 44.886 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017530.D
 Acq: 24 Jul 2020 06:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.3	90.9
227	63.7	31.1	93.2





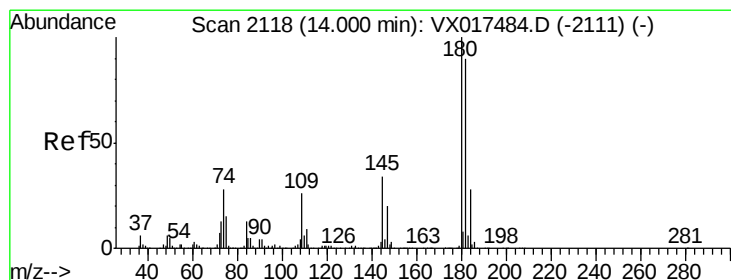
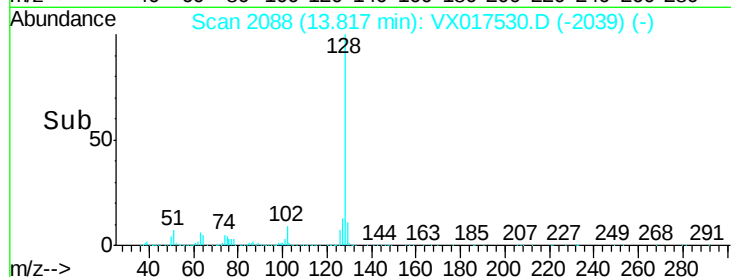
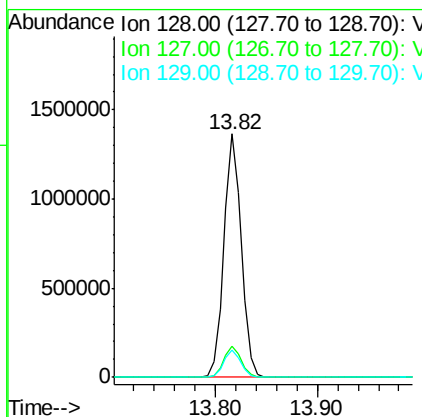
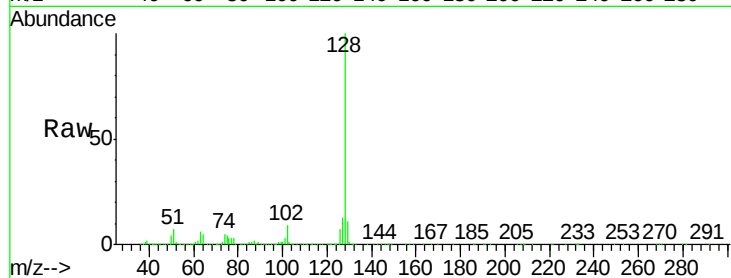
#95
Naphthalene
Concen: 52.181 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1610782
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.9 13.3

Manual Integrations
APPROVED

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7/24/2020 9:55:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.359 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017530.D
Acq: 24 Jul 2020 06:48

Tgt Ion:180 Resp: 503975
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 32.3 16.3 48.9

