

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017560.D
 Acq On : 25 Jul 2020 00:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:12 AM

Quant Time: Jul 25 04:28:05 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	5.62	168	569491	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	955573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	444209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	406475	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	5.46	113	323551	50.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.70	98	1206279	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.12	95	470398	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	257922	48.792	ug/l	98
3) Chloromethane	1.31	50	343301	48.777	ug/l	99
4) Vinyl Chloride	1.39	62	329228	45.941	ug/l	98
5) Bromomethane	1.62	94	205689	53.621	ug/l	100
6) Chloroethane	1.71	64	201729	51.064	ug/l	97
7) Trichlorofluoromethane	1.92	101	458277	40.657	ug/l	99
8) Diethyl Ether	2.17	74	204359	56.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	244864	39.586	ug/l	96
10) Methyl Iodide	2.49	142	363618	45.949	ug/l	99
11) Tert butyl alcohol	3.01	59	384073	249.111	ug/l	100
12) 1,1-Dichloroethene	2.36	96	252630	42.948	ug/l	93
13) Acrolein	2.27	56	281051	238.947	ug/l	100
14) Allyl chloride	2.70	41	546317	50.864	ug/l	97
15) Acrylonitrile	3.11	53	900864	270.526	ug/l	100
16) Acetone	2.42	43	826949	256.836	ug/l	97
17) Carbon Disulfide	2.54	76	800454	44.771	ug/l	99
18) Methyl Acetate	2.75	43	414756	54.696	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1074054	52.754	ug/l	99
20) Methylene Chloride	2.83	84	348724	57.705	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	302967	48.078	ug/l	98
22) Diisopropyl ether	3.82	45	1091250	55.565	ug/l #	83
23) Vinyl Acetate	3.78	43	4898258	279.729	ug/l	99
24) 1,1-Dichloroethane	3.67	63	573320	50.677	ug/l	99
25) 2-Butanone	4.63	43	1267346	277.077	ug/l	99
26) 2,2-Dichloropropane	4.54	77	388488	38.362	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	362090	52.903	ug/l	97
28) Bromochloromethane	4.98	49	272209	53.096	ug/l	99
29) Tetrahydrofuran	5.09	42	817209	288.436	ug/l	99
30) Chloroform	5.17	83	613238	53.050	ug/l	99
31) Cyclohexane	5.54	56	413214	45.802	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	502898	46.135	ug/l	100
36) 1,1-Dichloropropene	5.76	75	413141	45.079	ug/l	100
37) Ethyl Acetate	4.79	43	498465	49.709	ug/l	99
38) Carbon Tetrachloride	5.75	117	465819	41.855	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	434461	40.609	ug/l	99
40) Benzene	6.11	78	1318471	50.179	ug/l	100
41) Methacrylonitrile	5.00	41	282414	49.134	ug/l	96
42) 1,2-Dichloroethane	6.16	62	539675	50.206	ug/l	98
43) Isopropyl Acetate	6.40	43	814949	49.256	ug/l	99
44) Trichloroethene	7.18	130	376788	49.069	ug/l	98
45) 1,2-Dichloropropane	7.49	63	357686	49.107	ug/l	99
46) Dibromomethane	7.64	93	238765	46.384	ug/l	100
47) Bromodichloromethane	7.87	83	514909	49.713	ug/l	96
48) Methyl methacrylate	7.74	41	391019	47.678	ug/l	99
49) 1,4-Dioxane	7.71	88	151270	962.046	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2448614	248.040	ug/l	100
52) Toluene	8.76	92	847582	50.300	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	594448	51.270	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	528521	44.690	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	382288	54.460	ug/l	99
56) Ethyl methacrylate	9.16	69	591506	55.931	ug/l	98
57) 1,3-Dichloropropane	9.35	76	626586	54.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1328547	238.446	ug/l	99
59) 2-Hexanone	9.47	43	2115892	284.685	ug/l	99
60) Dibromochloromethane	9.57	129	455782	51.085	ug/l	100
61) 1,2-Dibromoethane	9.65	107	406078	54.336	ug/l	98
64) Tetrachloroethene	9.32	164	362109	45.272	ug/l	95
65) Chlorobenzene	10.12	112	906679	47.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	368358	47.316	ug/l	99
67) Ethyl Benzene	10.23	91	1496024	46.461	ug/l	98
68) m/p-Xylenes	10.34	106	1132972	90.826	ug/l	99
69) o-Xylene	10.68	106	528376	44.042	ug/l	100
70) Styrene	10.70	104	961531	47.106	ug/l	98
71) Bromoform	10.84	173	339028	50.265	ug/l #	98
73) Isopropylbenzene	11.00	105	1434945	47.088	ug/l	99
74) N-amyl acetate	10.88	43	751212	55.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	489040	51.414	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	496108m	54.293	ug/l	
77) Bromobenzene	11.24	156	410802	48.153	ug/l	98
78) n-propylbenzene	11.34	91	1751727	50.968	ug/l	99
79) 2-Chlorotoluene	11.40	91	1046609	49.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1259673	48.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	188351	51.940	ug/l	99
82) 4-Chlorotoluene	11.49	91	1204556	47.963	ug/l	100
83) tert-Butylbenzene	11.76	119	1166920	46.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1263994	48.843	ug/l	100
85) sec-Butylbenzene	11.93	105	1349724	46.539	ug/l	99
86) p-Isopropyltoluene	12.05	119	1289599	46.693	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	702484	47.951	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	706660	46.568	ug/l	99
89) n-Butylbenzene	12.37	91	1108478	45.042	ug/l	99
90) Hexachloroethane	12.58	117	274218	50.361	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	675155	46.891	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126180	47.067	ug/l	99

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VSTDCCC050

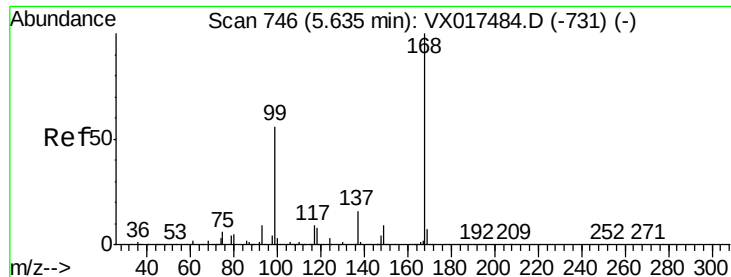
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	515286	52.437	ug/l	99
94) Hexachlorobutadiene	13.77	225	204050	45.109	ug/l	96
95) Naphthalene	13.82	128	1712128	58.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	545585	56.229	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 569491

Ion Ratio Lower Upper

168 100

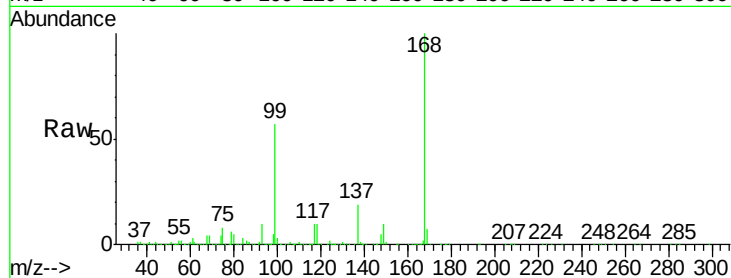
99 57.1 43.4 65.2

Manual Integrations

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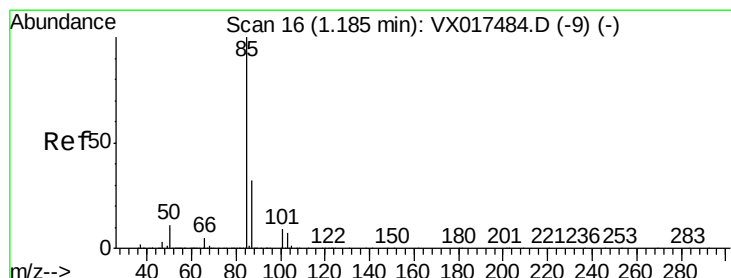
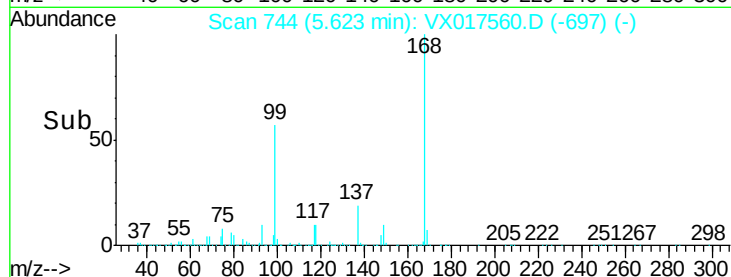
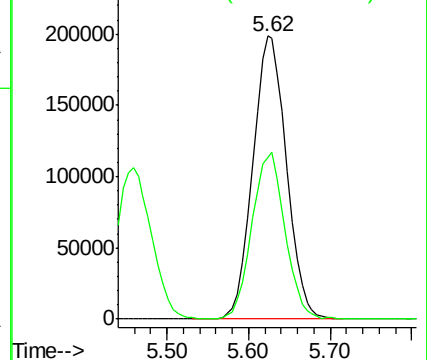
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.792 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017560.D

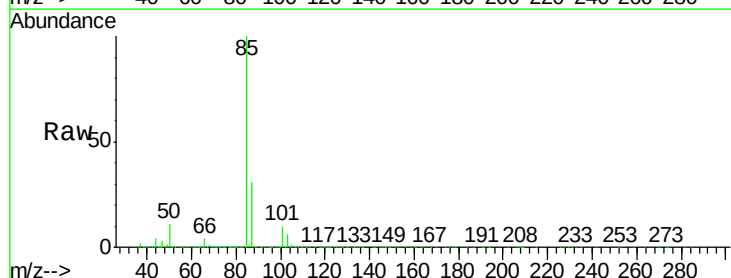
Acq: 25 Jul 2020 00:33

Tgt Ion: 85 Resp: 257922

Ion Ratio Lower Upper

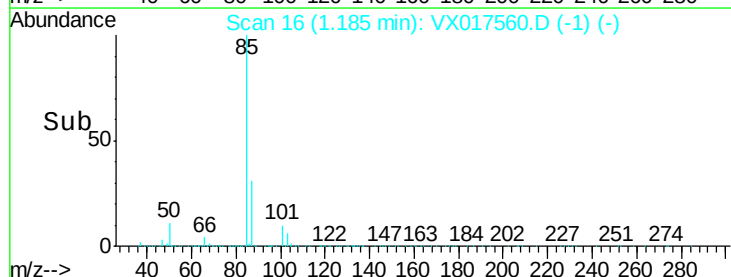
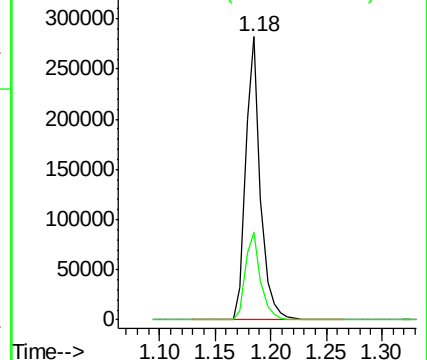
85 100

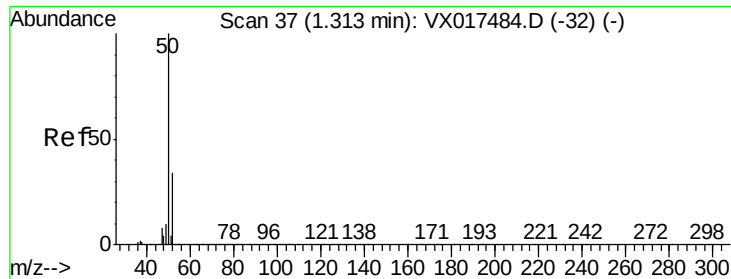
87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 343301

Ion Ratio Lower Upper

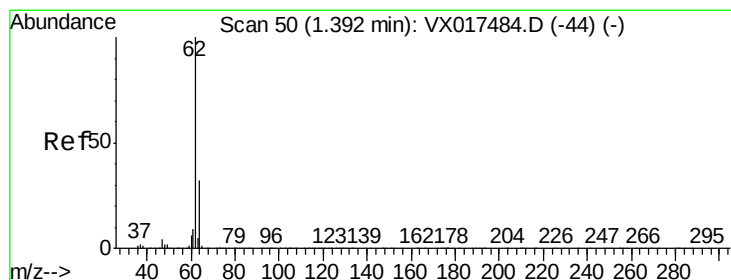
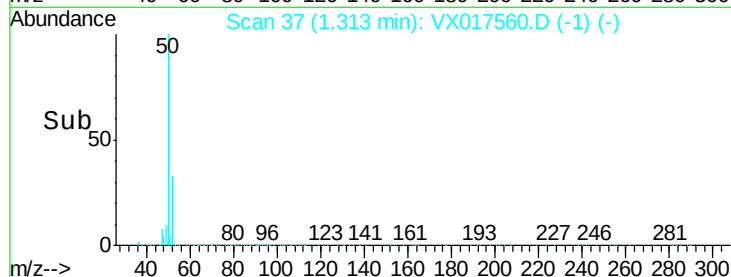
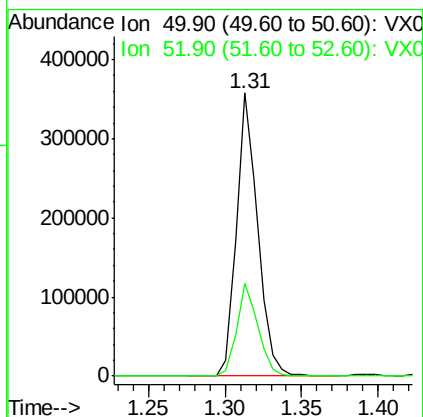
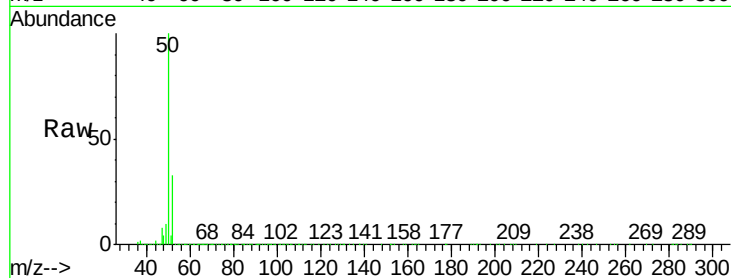
50 100

52 32.8 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.941 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017560.D

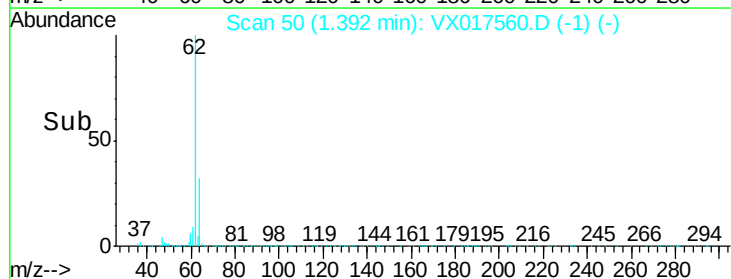
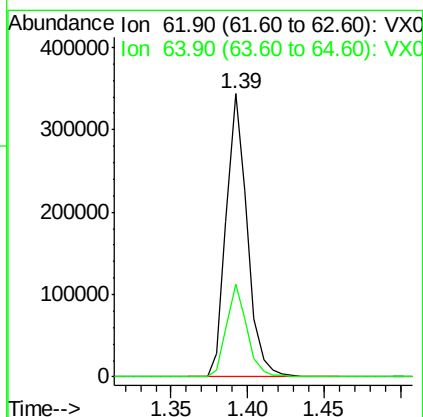
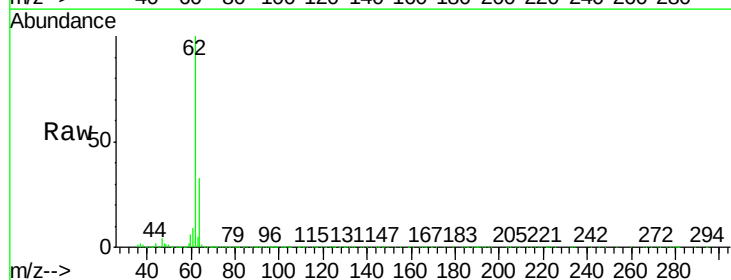
Acq: 25 Jul 2020 00:33

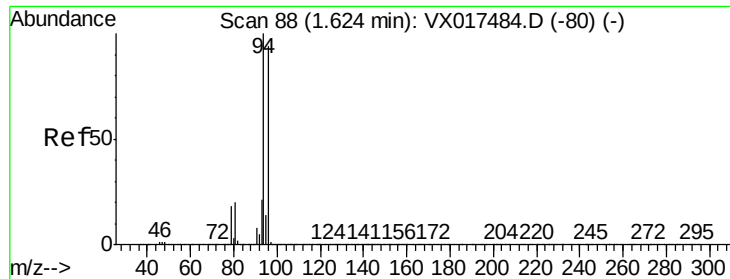
Tgt Ion: 62 Resp: 329228

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 53.621 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 205689

Ion Ratio Lower Upper

94 100

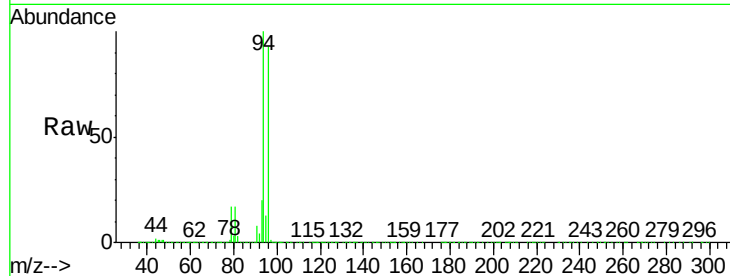
96 93.1 74.1 111.1

Manual Integrations

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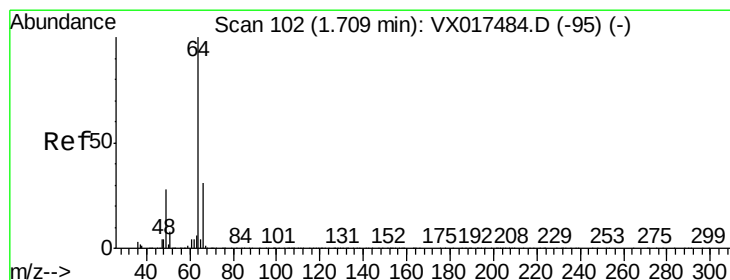
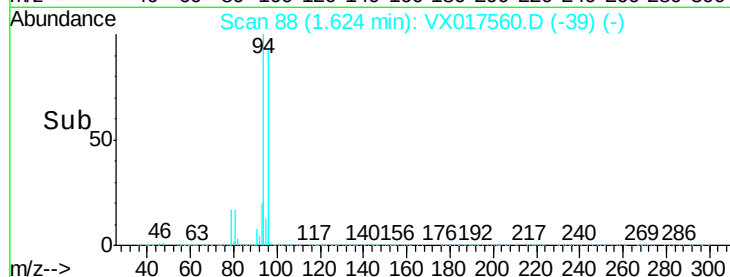
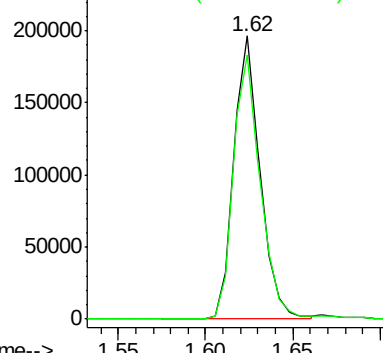
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.064 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017560.D

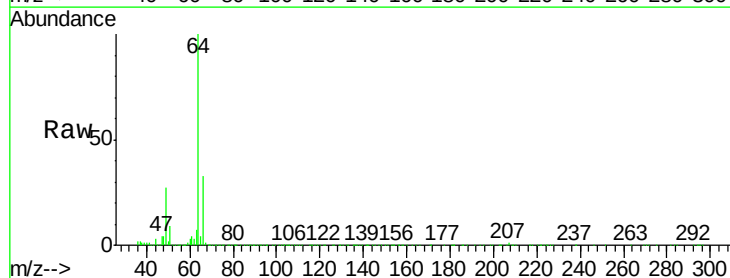
Acq: 25 Jul 2020 00:33

Tgt Ion: 64 Resp: 201729

Ion Ratio Lower Upper

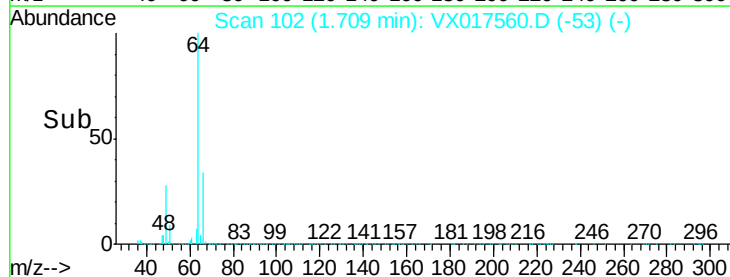
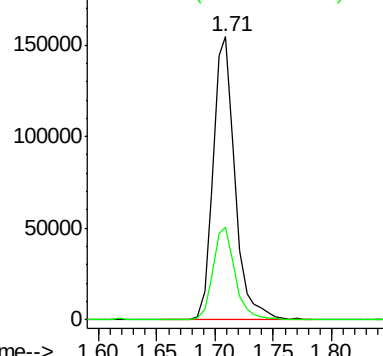
64 100

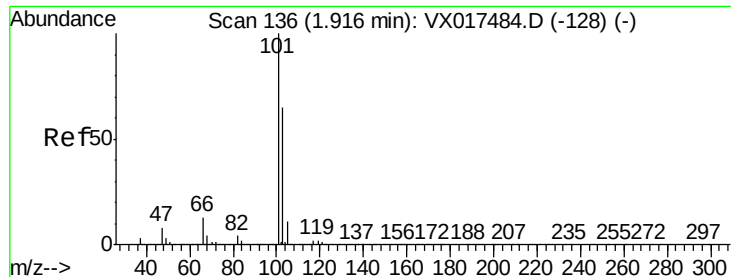
66 32.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

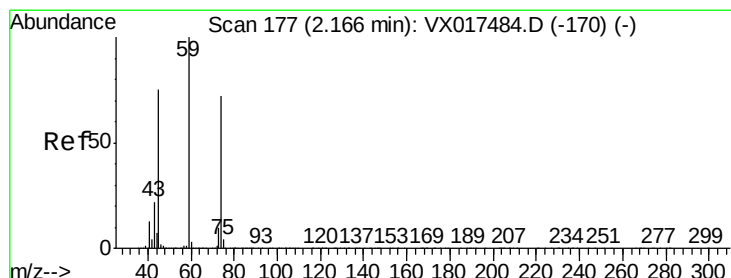
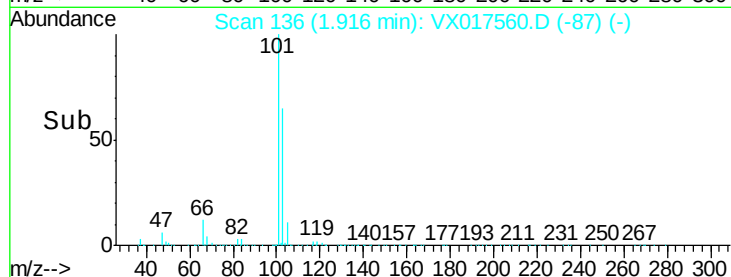
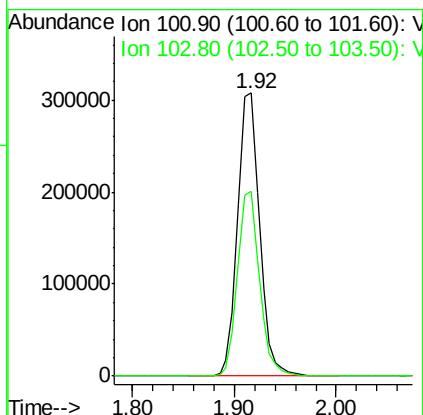
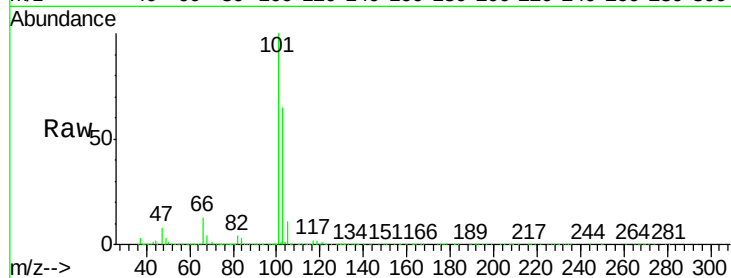
Trichlorofluoromethane
Concen: 40.657 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
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VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

Manual Integrations
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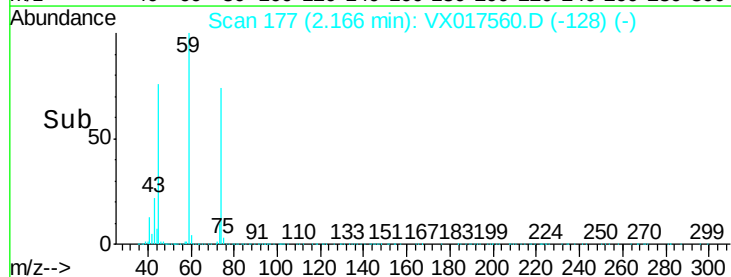
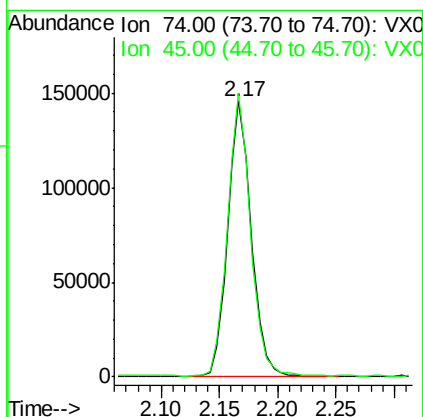
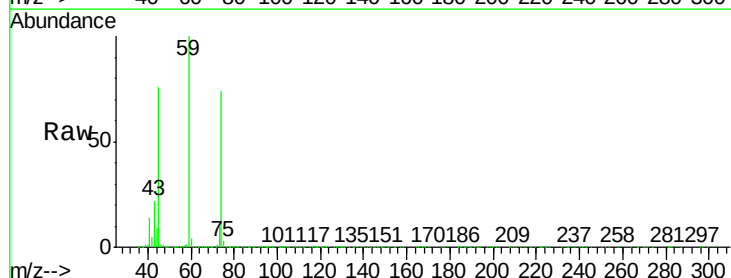
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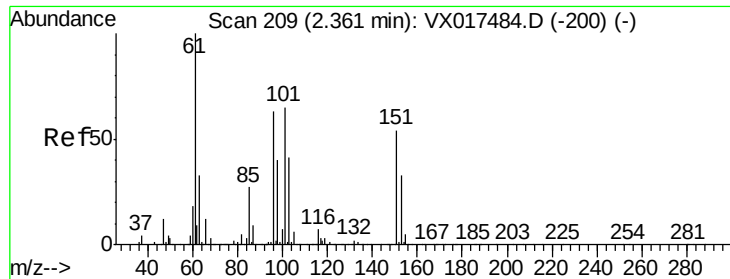


#8

Diethyl Ether
Concen: 56.087 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.586 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

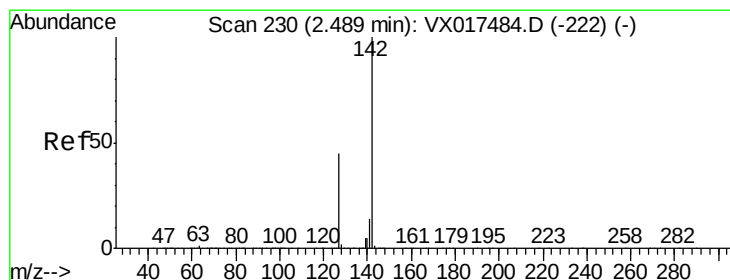
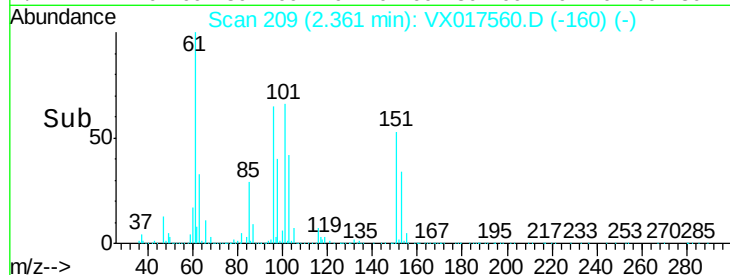
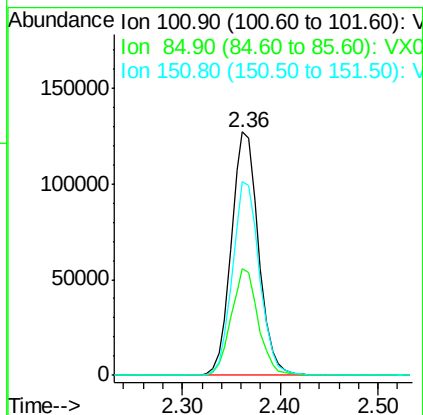
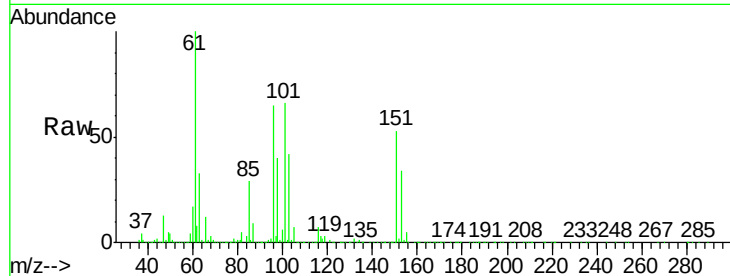
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	244864
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.8	52.2
151	79.4	68.0	102.0

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#10

Methyl Iodide

Concen: 45.949 ug/l

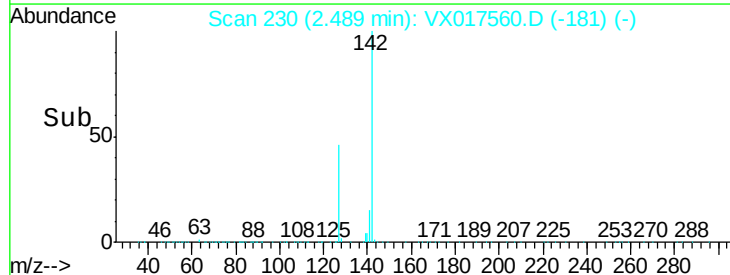
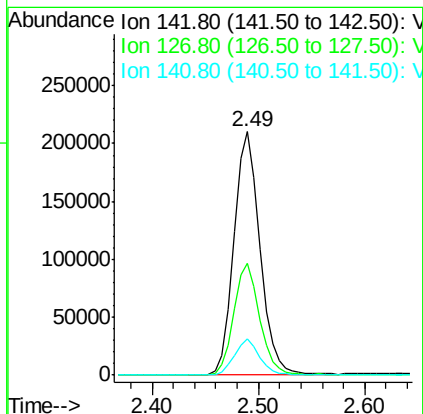
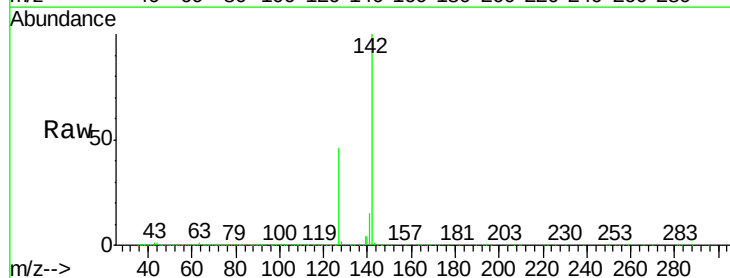
RT: 2.49 min Scan# 230

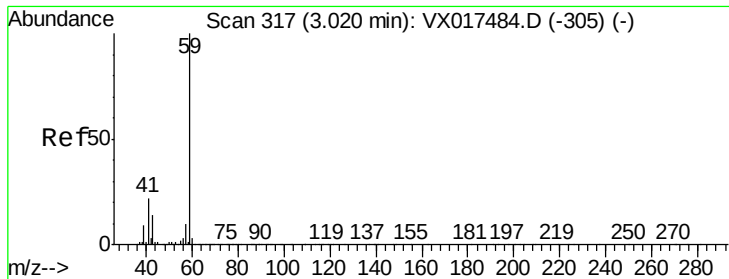
Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion:	142	Resp:	363618
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.9	53.9
141	14.4	11.4	17.0





#11

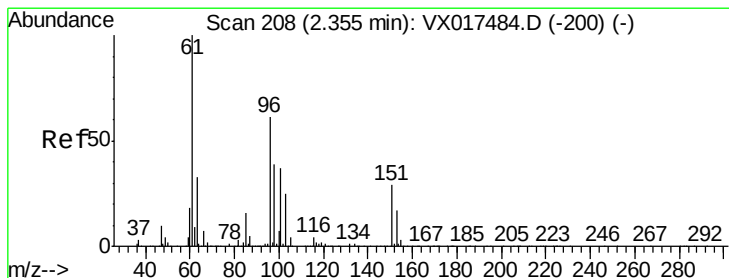
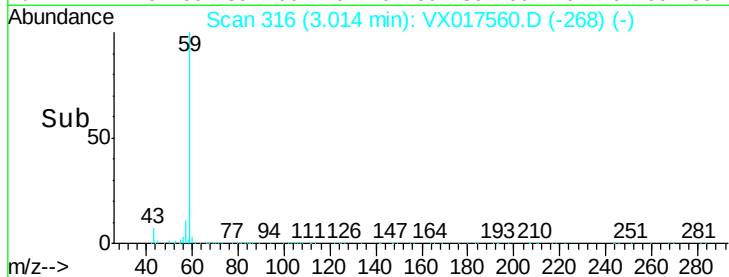
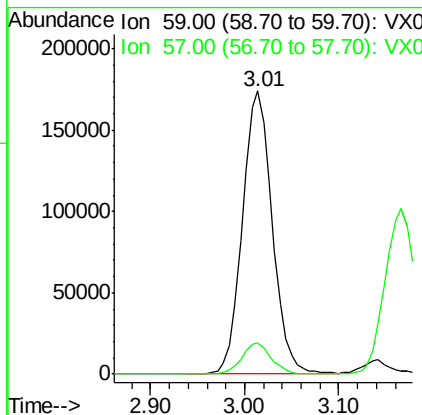
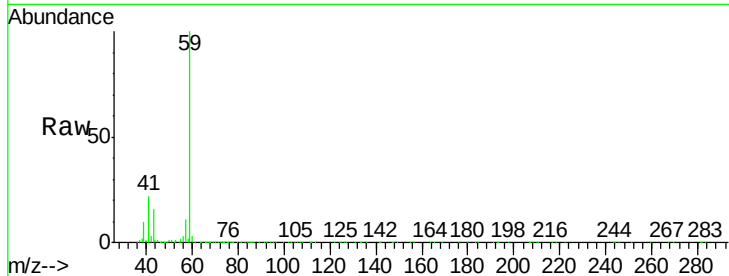
Tert butyl alcohol
Concen: 249.111 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 384073
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

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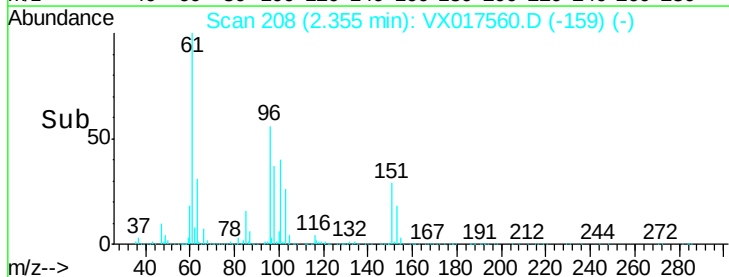
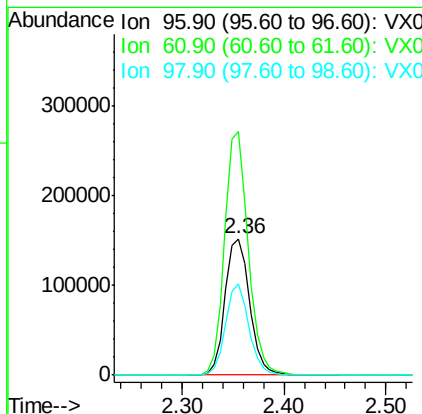
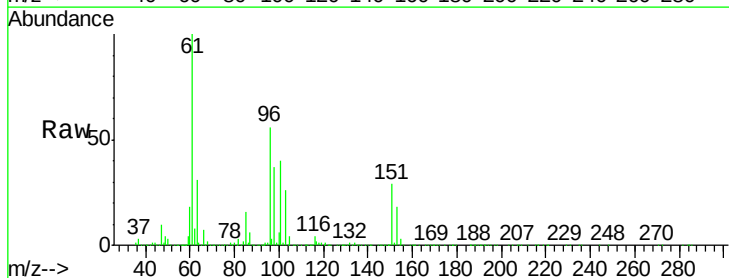
MMDadoda
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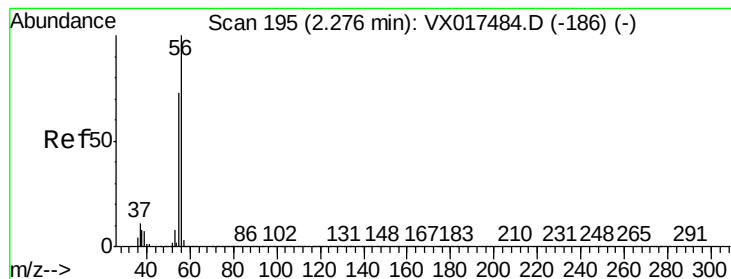


#12

1,1-Dichloroethene
Concen: 42.948 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 96 Resp: 252630
Ion Ratio Lower Upper
96 100
61 178.6 134.0 201.0
98 66.7 51.0 76.4





#13

Acrolein

Concen: 238.947 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 281051

Ion Ratio Lower Upper

56 100

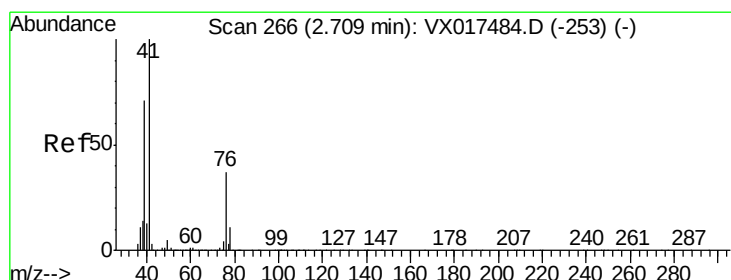
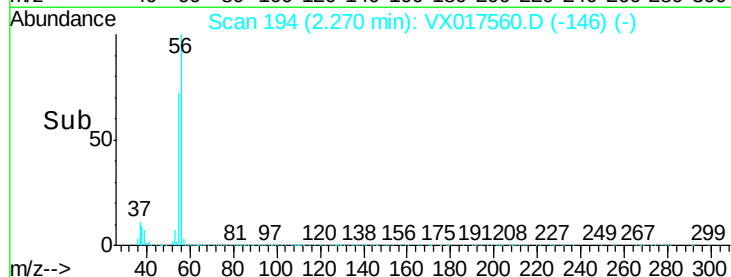
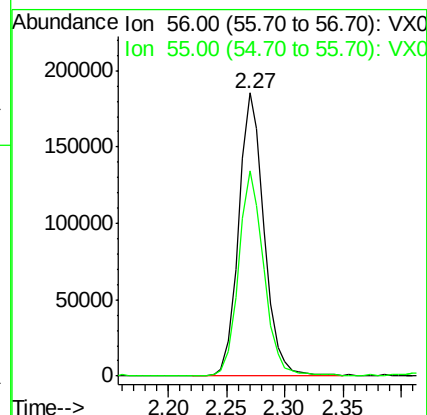
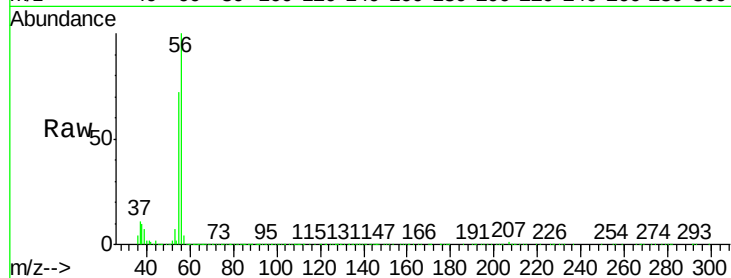
55 71.6 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 50.864 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

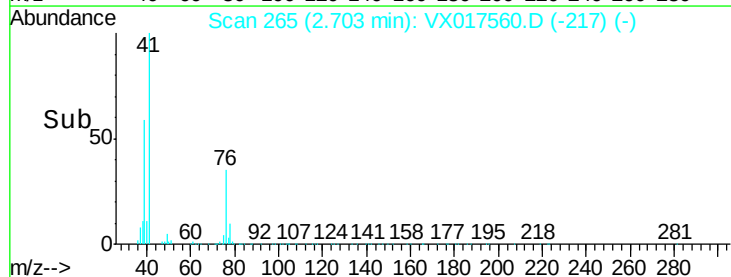
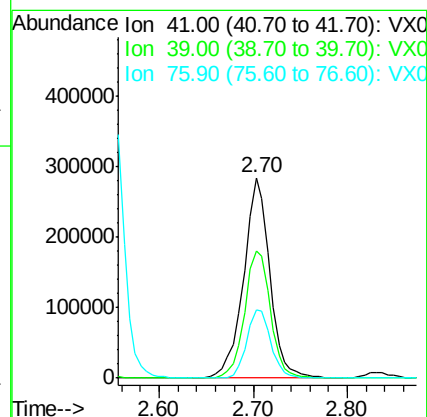
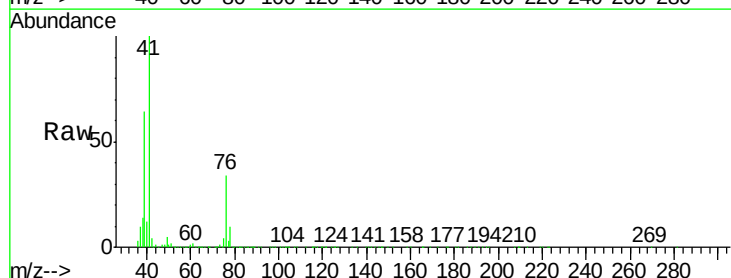
Tgt Ion: 41 Resp: 546317

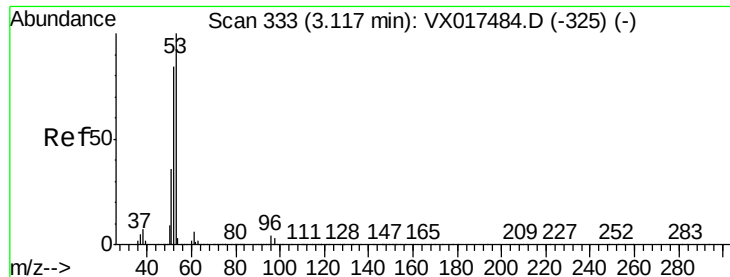
Ion Ratio Lower Upper

41 100

39 62.1 51.9 77.9

76 31.6 25.5 38.3





#15

Acrylonitrile

Concen: 270.526 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

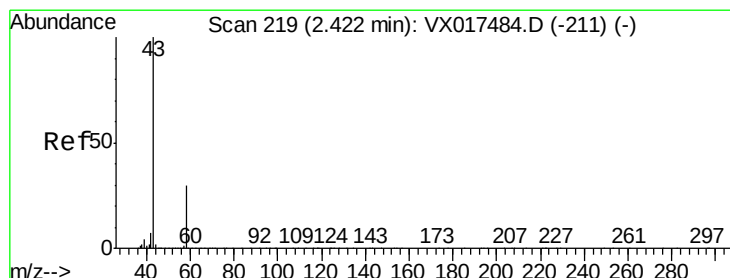
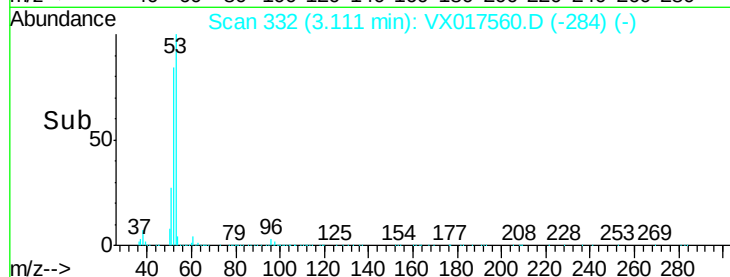
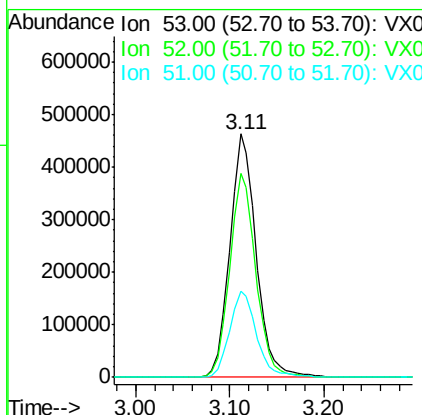
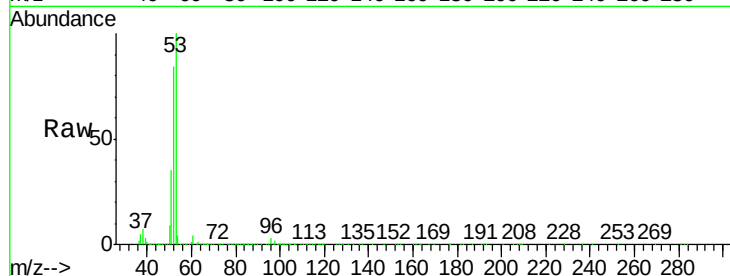
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	99.8
51	36.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 256.836 ug/l

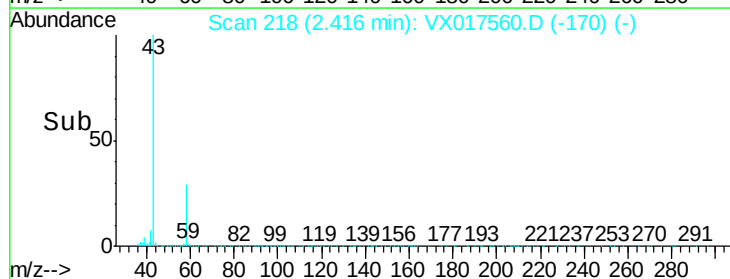
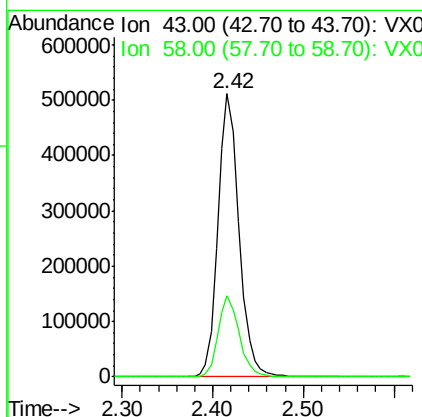
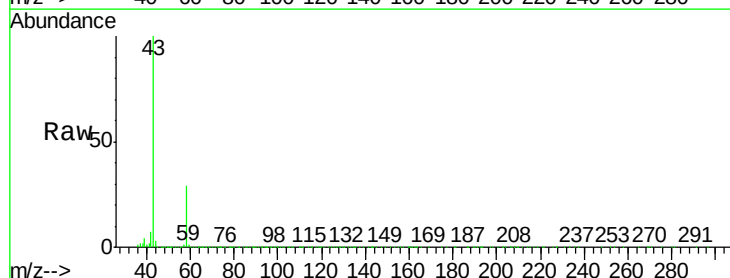
RT: 2.42 min Scan# 218

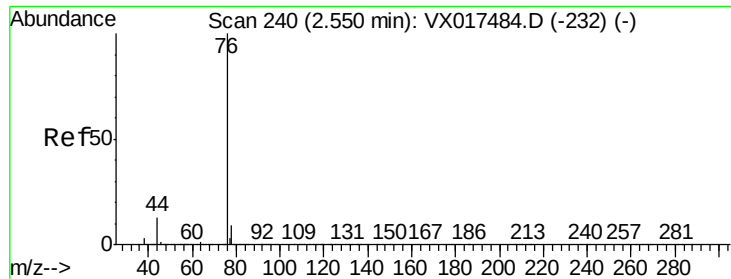
Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.4





#17

Carbon Disulfide

Concen: 44.771 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 800454

Ion Ratio Lower Upper

76 100

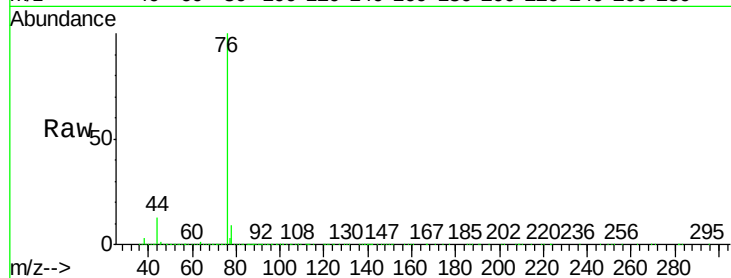
78 8.9 7.5 11.3

Manual Integrations

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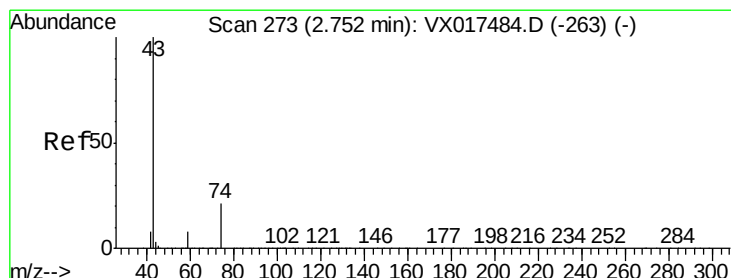
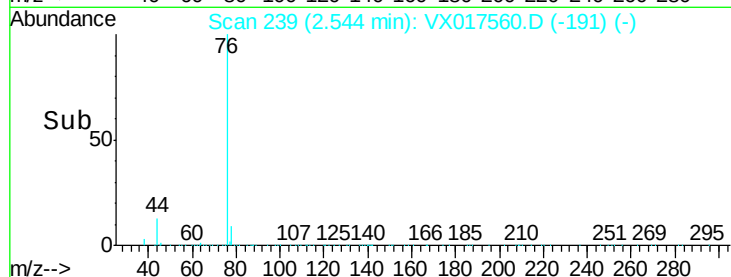
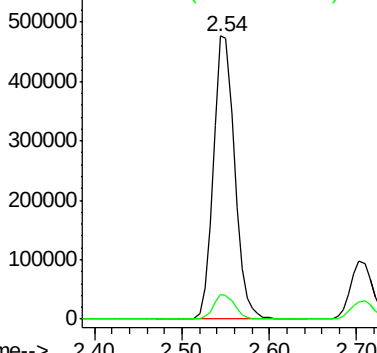
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.696 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017560.D

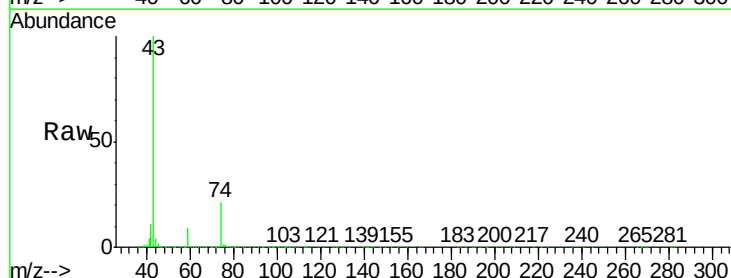
Acq: 25 Jul 2020 00:33

Tgt Ion: 43 Resp: 414756

Ion Ratio Lower Upper

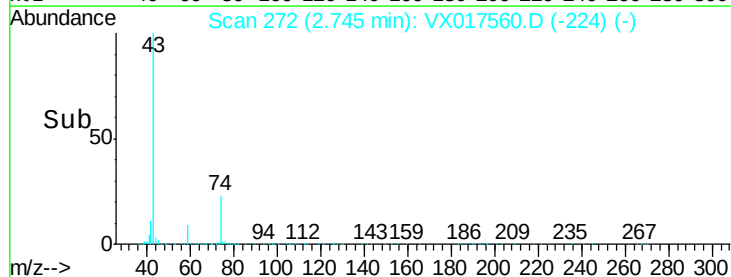
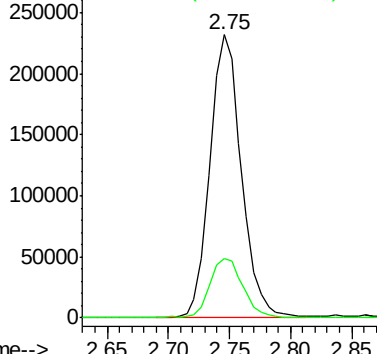
43 100

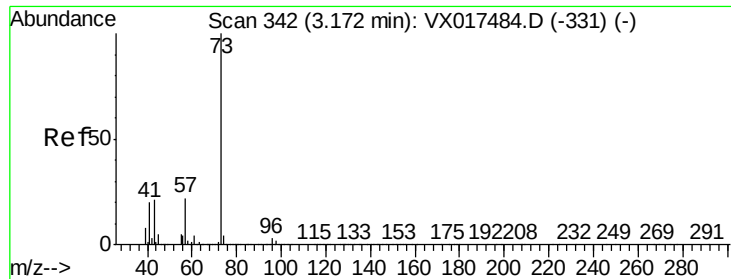
74 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





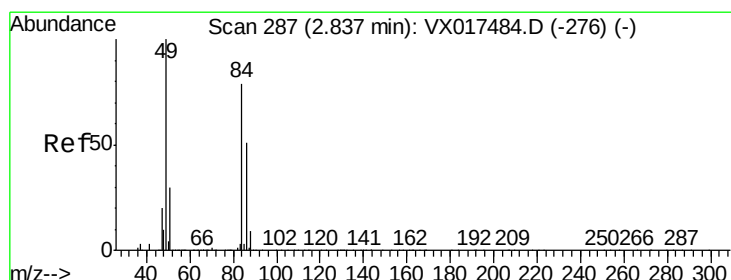
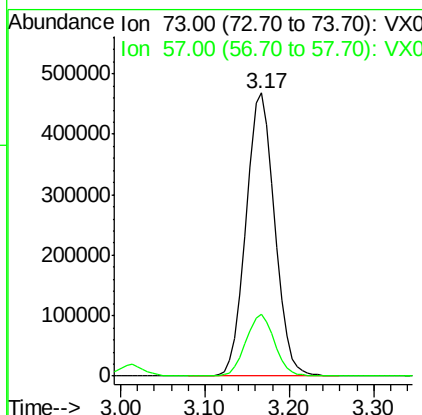
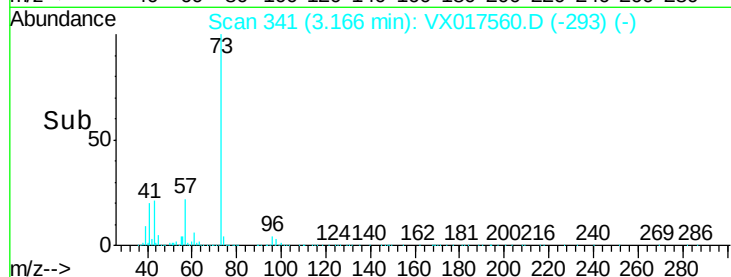
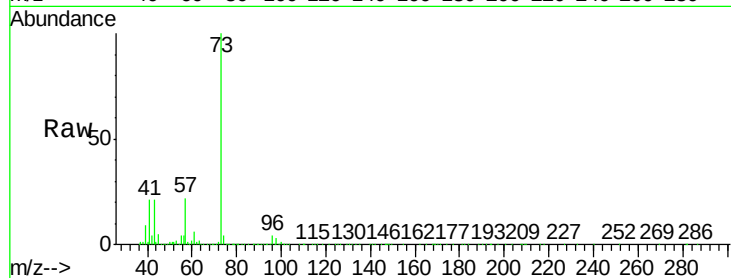
#19
Methyl tert-butyl Ether
Concen: 52.754 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1074054
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4

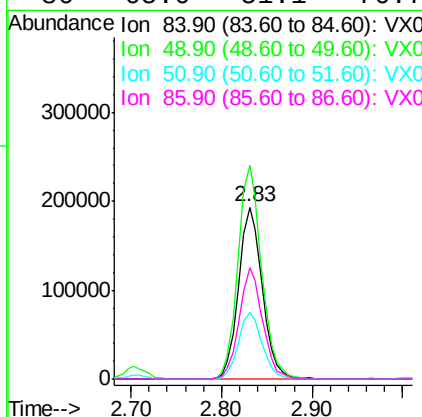
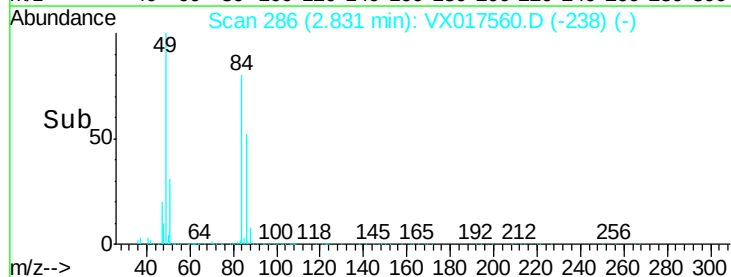
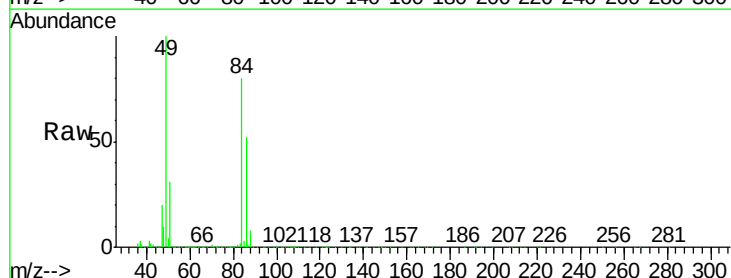
Manual Integrations
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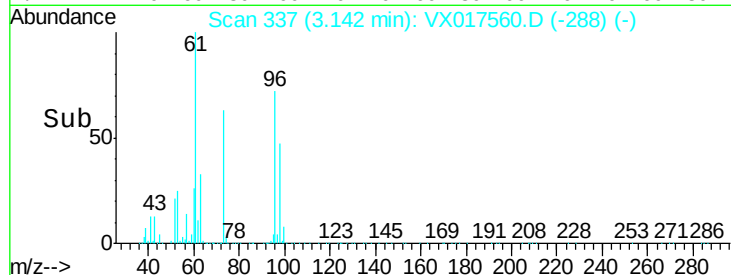
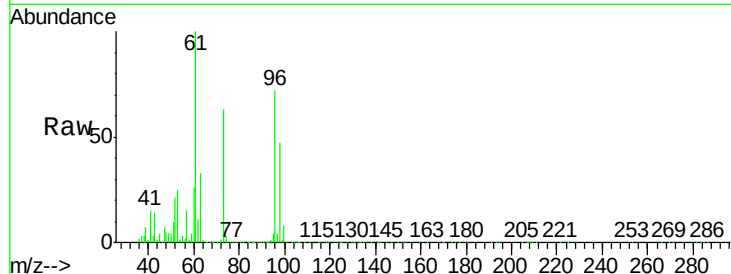
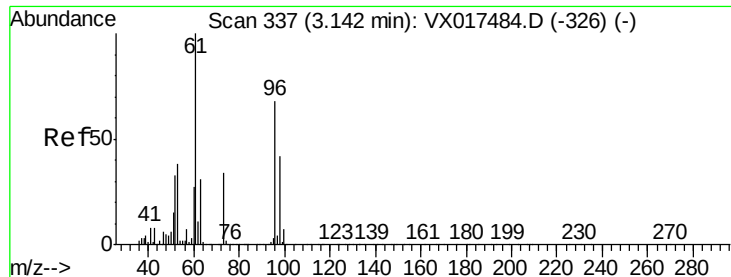
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#20
Methylene Chloride
Concen: 57.705 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 84 Resp: 348724
Ion Ratio Lower Upper
84 100
49 124.4 100.3 150.5
51 38.9 30.5 45.7
86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.078 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017560.D

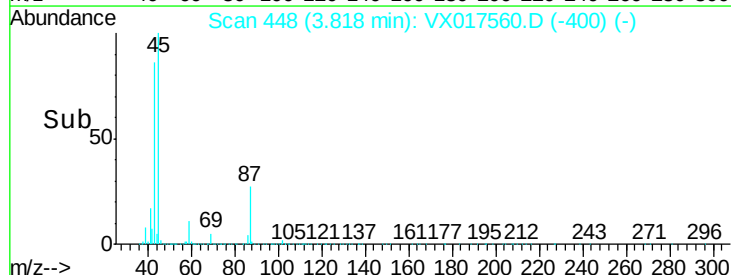
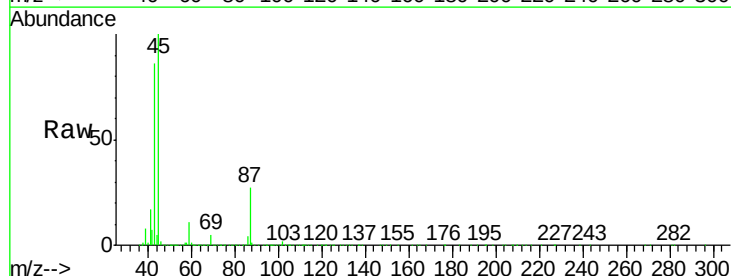
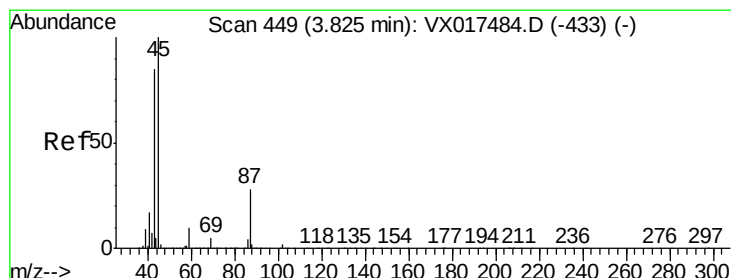
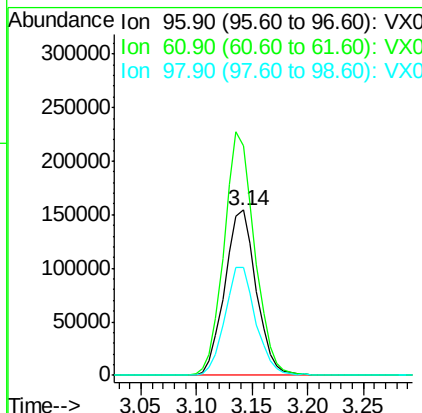
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.7	113.0	169.4
98	65.3	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 55.565 ug/l

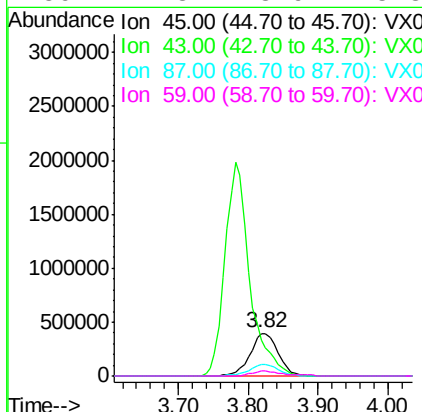
RT: 3.82 min Scan# 448

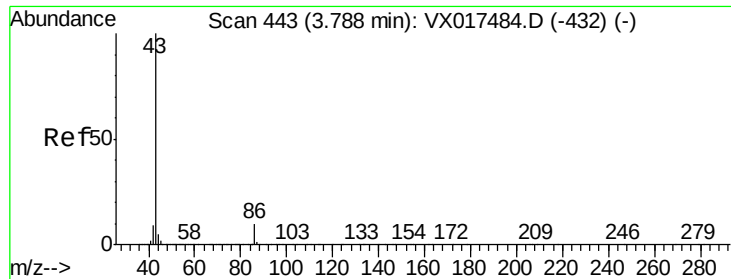
Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
45	100		
43	85.6	52.0	78.0#
87	27.1	22.2	33.4
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 279.729 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4898258

Ion Ratio Lower Upper

43 100

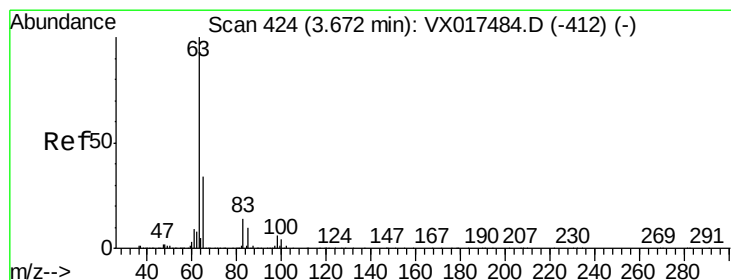
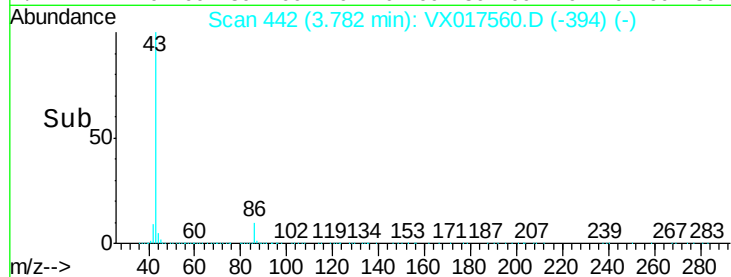
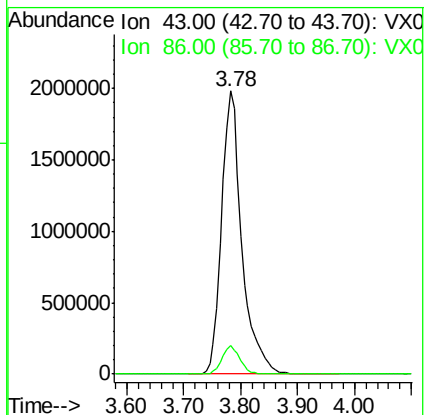
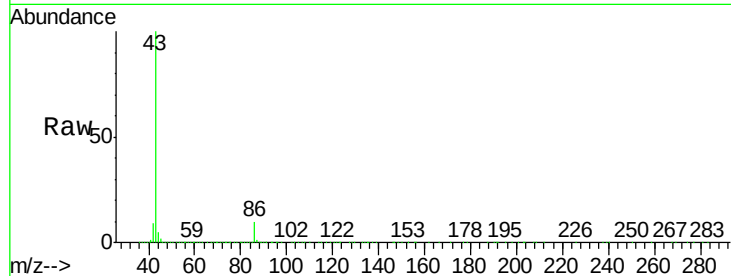
86 10.0 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.677 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

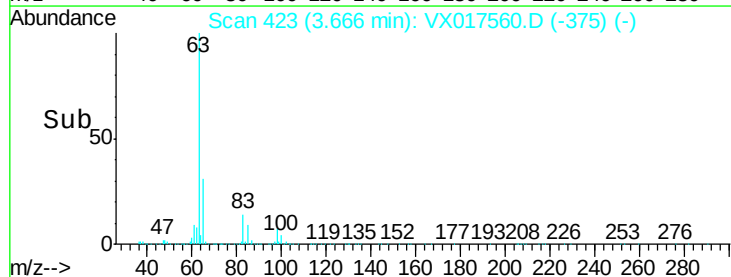
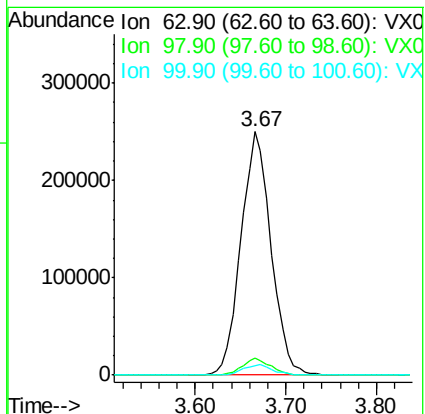
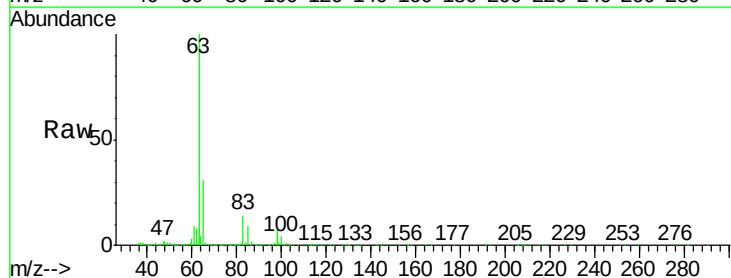
Tgt Ion: 63 Resp: 573320

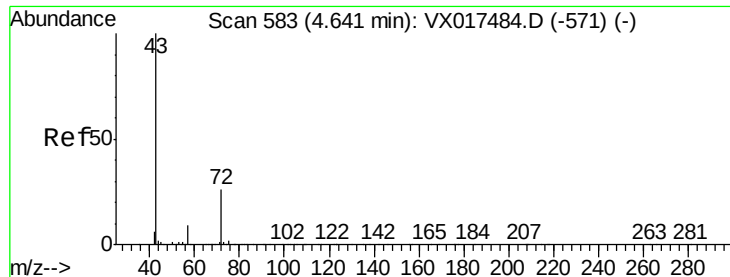
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 277.077 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1267346

Ion Ratio Lower Upper

43 100

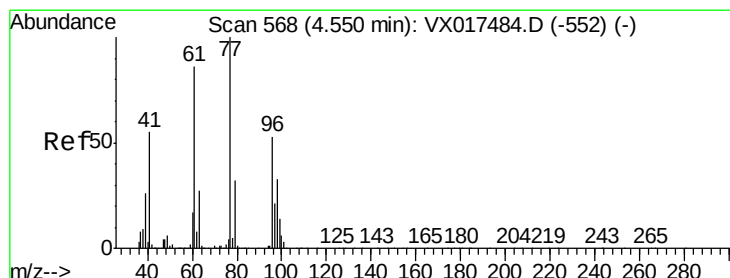
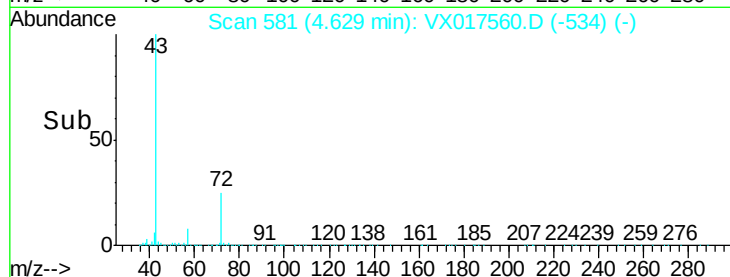
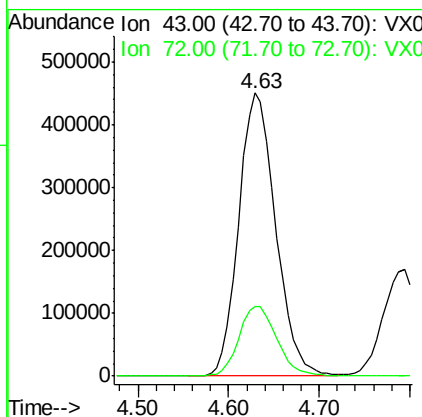
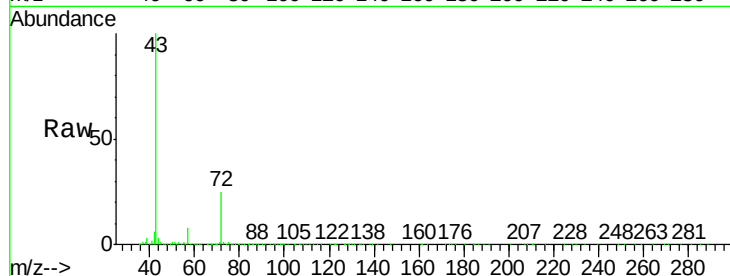
72 24.4 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.362 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017560.D

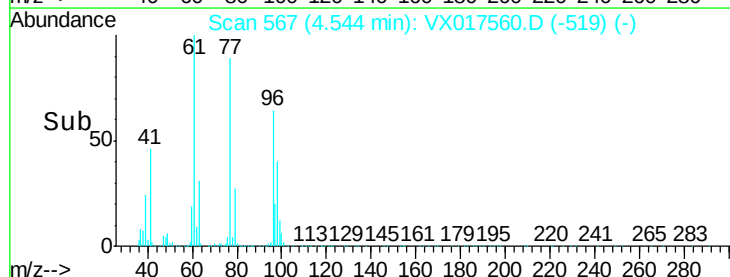
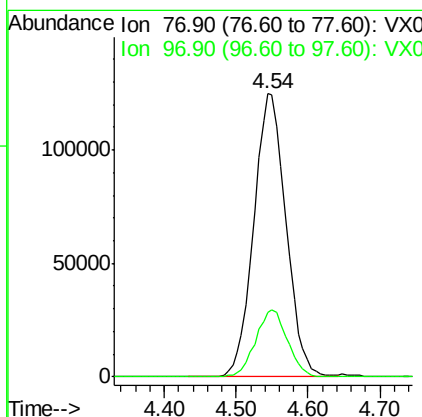
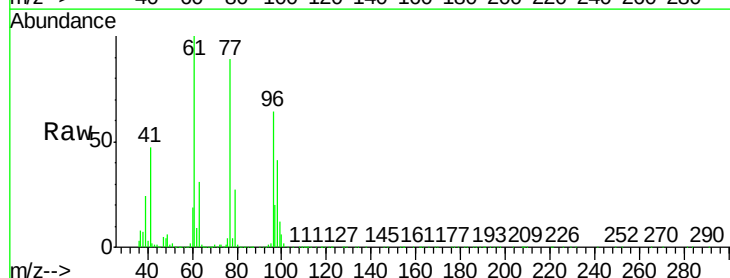
Acq: 25 Jul 2020 00:33

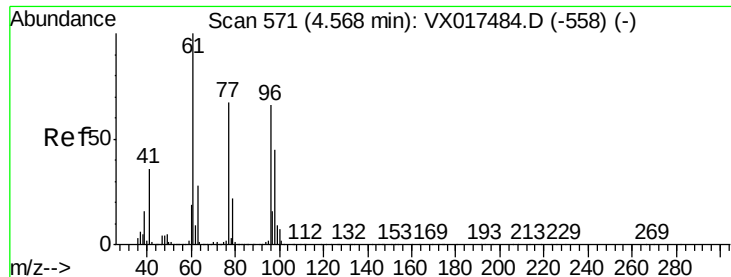
Tgt Ion: 77 Resp: 388488

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

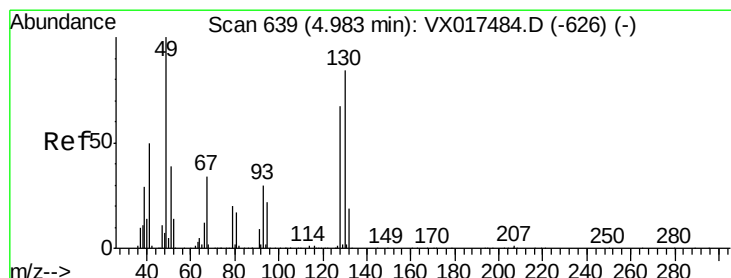
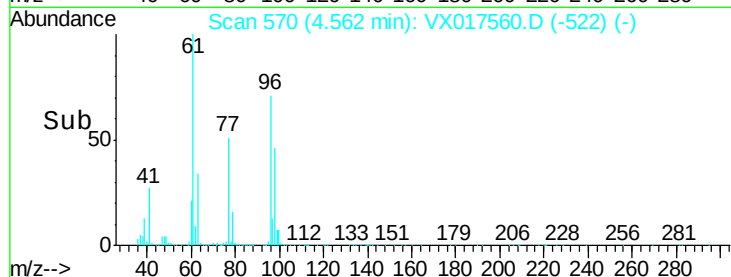
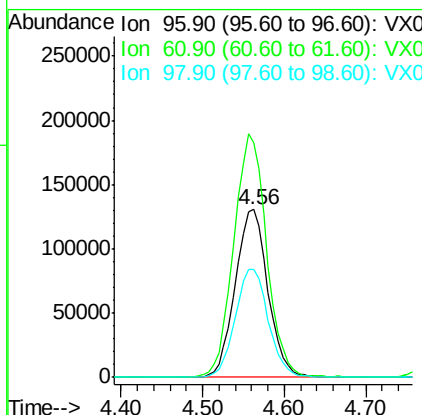
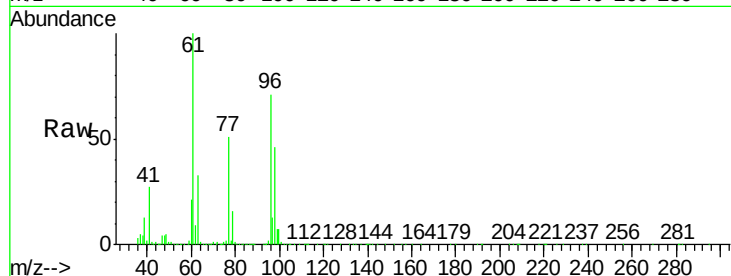
cis-1,2-Dichloroethene
Concen: 52.903 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	362090		
61	146.0	0.0	301.2	
98	65.2	0.0	130.0	

Manual Integrations
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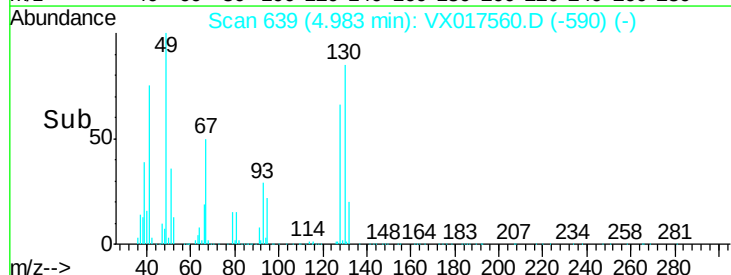
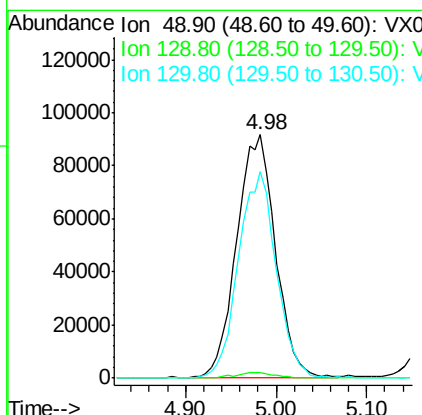
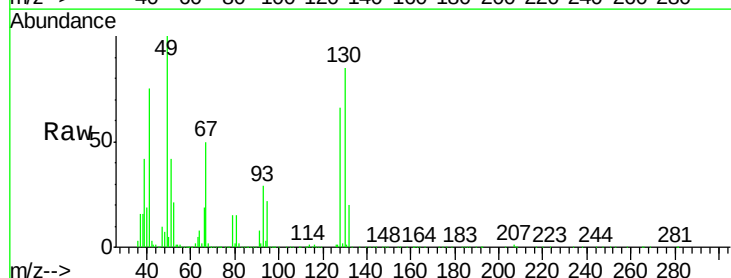
MMDadoda
7/27/2020 11:03:12 AM

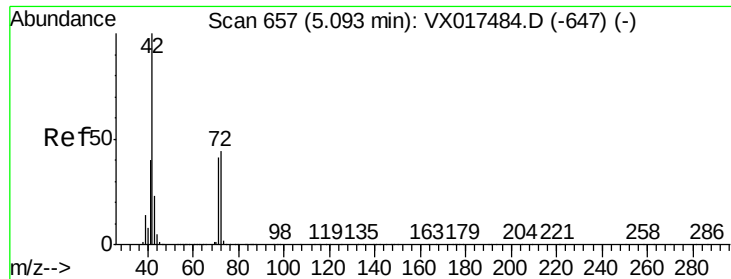


#28

Bromochloromethane
Concen: 53.096 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	272209		
129	2.3	0.0	4.6	
130	82.9	66.7	100.1	





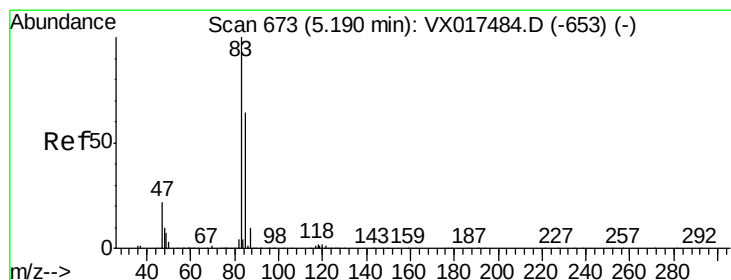
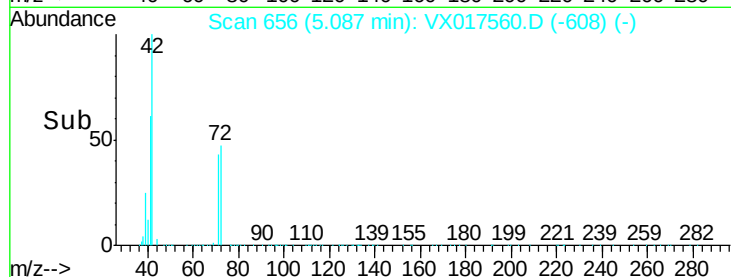
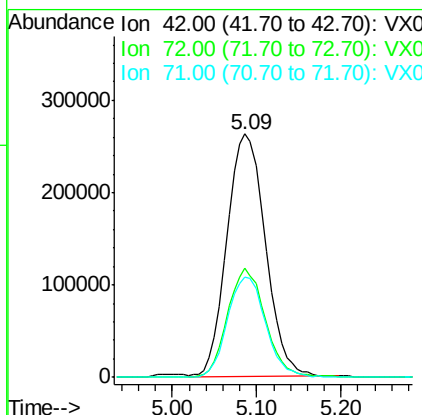
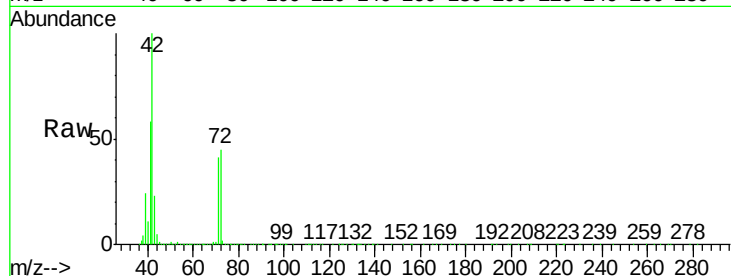
#29
Tetrahydrofuran
Concen: 288.436 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.5	53.3
71	40.9	33.0	49.4

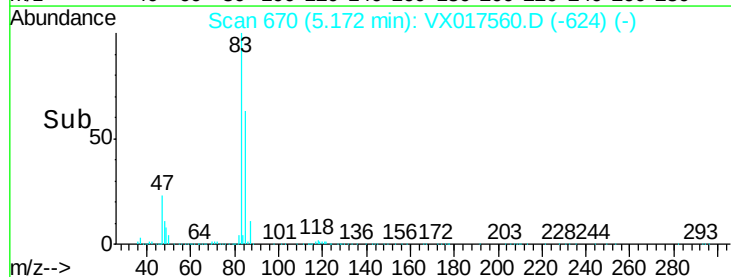
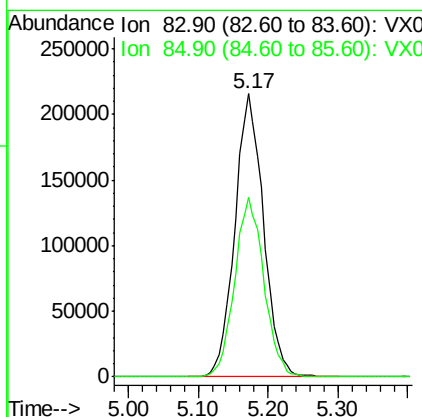
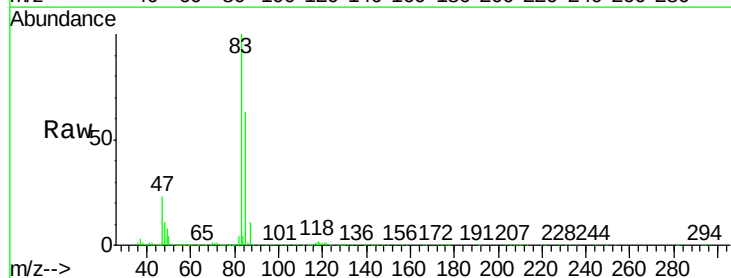
Manual Integrations
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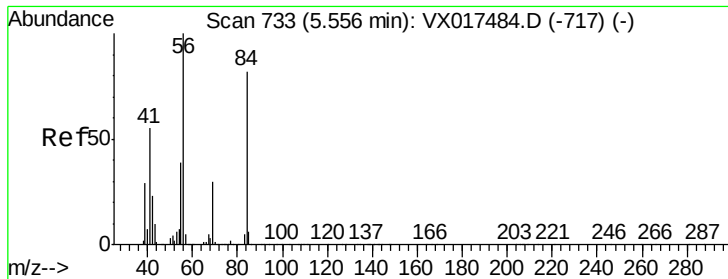
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#30
Chloroform
Concen: 53.050 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.2





#31

Cyclohexane

Concen: 45.802 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

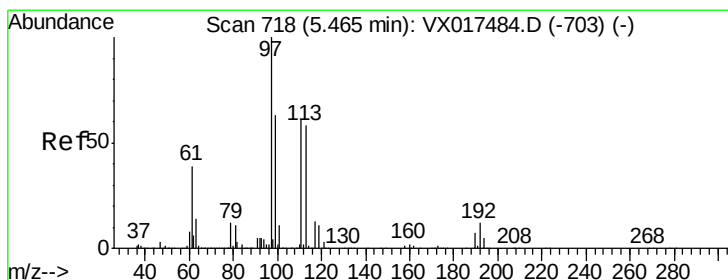
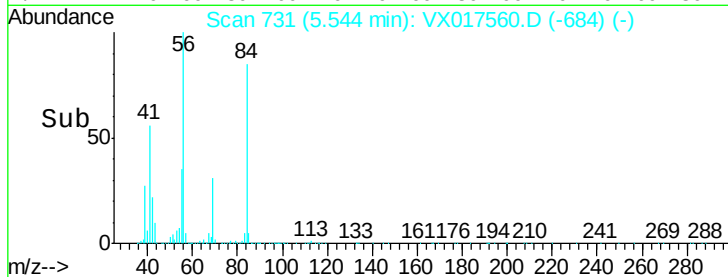
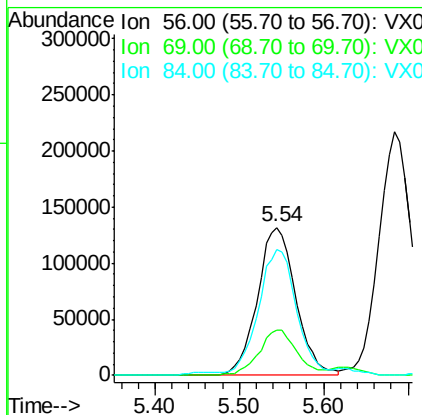
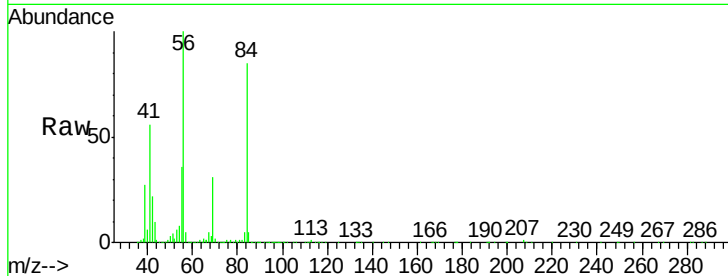
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	413214
Ion Ratio	Lower	Upper	
56	100		
69	30.8	24.2	36.4
84	83.7	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.135 ug/l

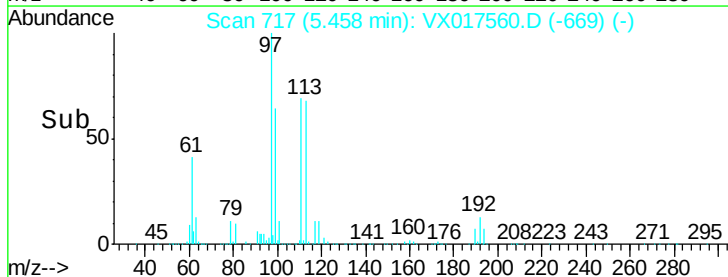
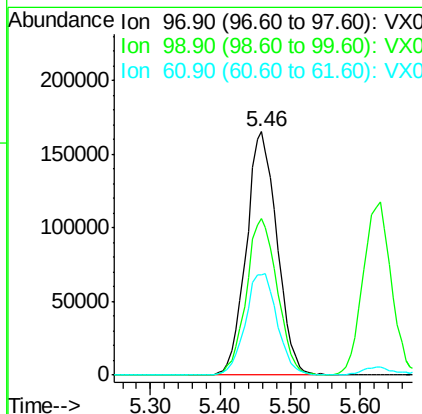
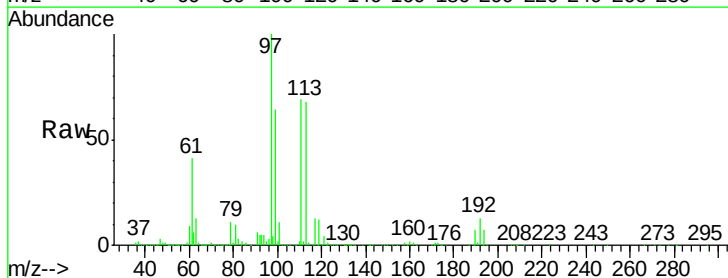
RT: 5.46 min Scan# 717

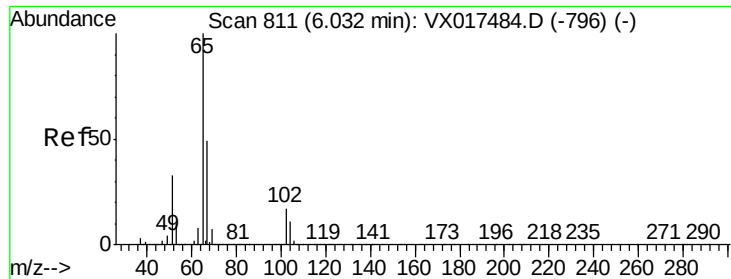
Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion:	97	Resp:	502898
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.9	77.9
61	43.3	34.1	51.1





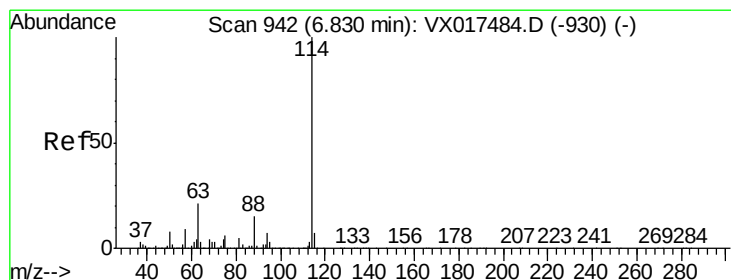
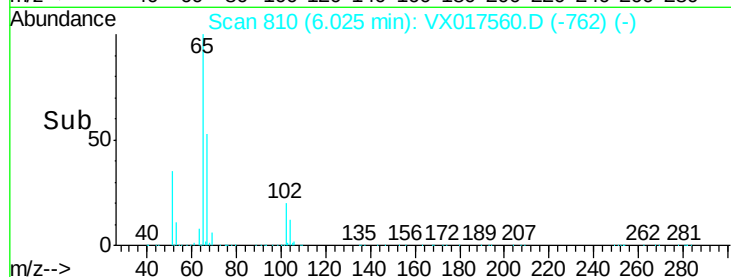
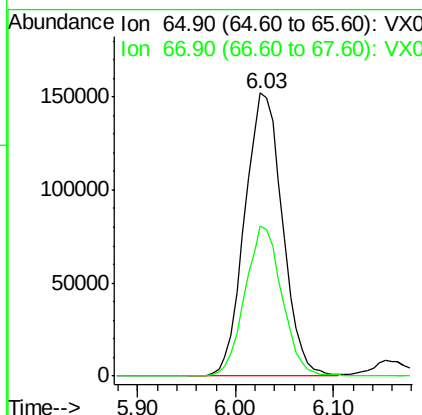
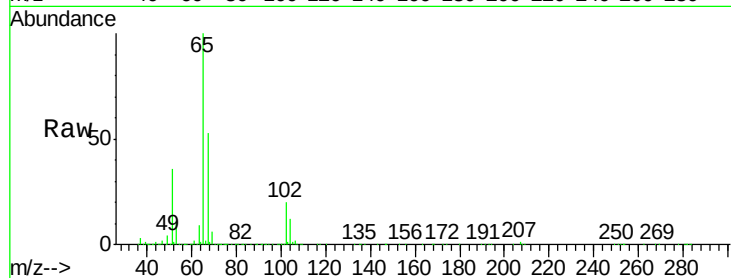
#33
 1,2-Dichloroethane-d4
 Concen: 55.565 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	406475		
67	51.6	0.0	102.8	

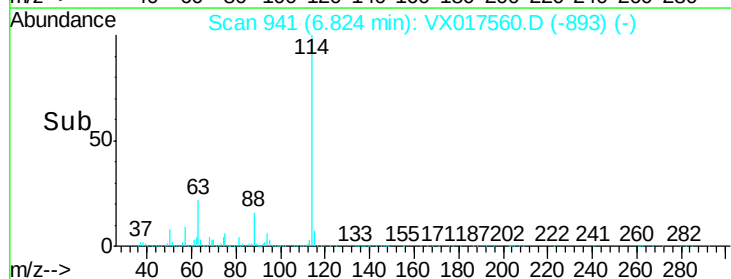
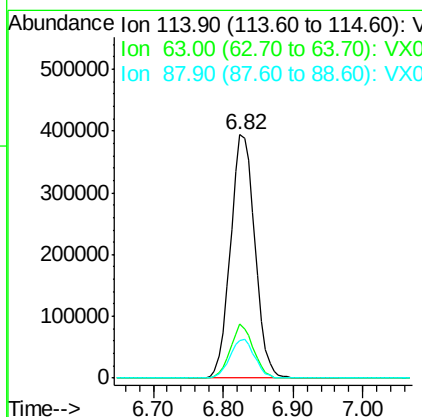
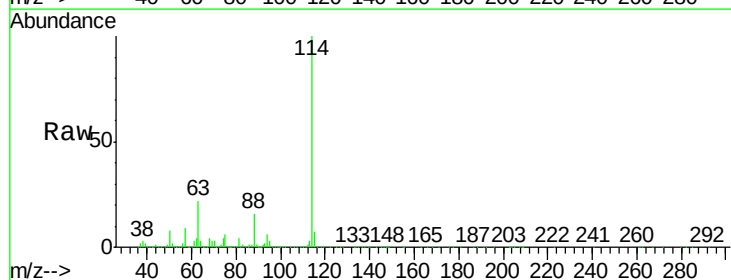
Manual Integrations
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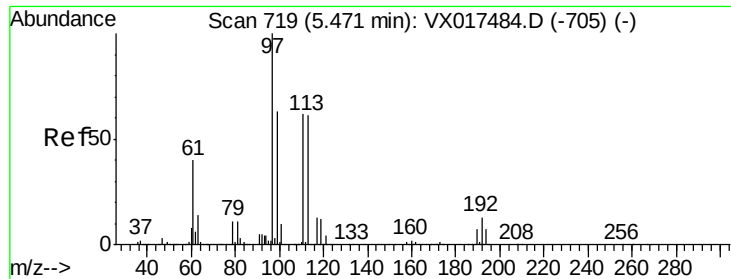
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	955573		
63	22.1	0.0	40.6	
88	15.6	0.0	33.4	





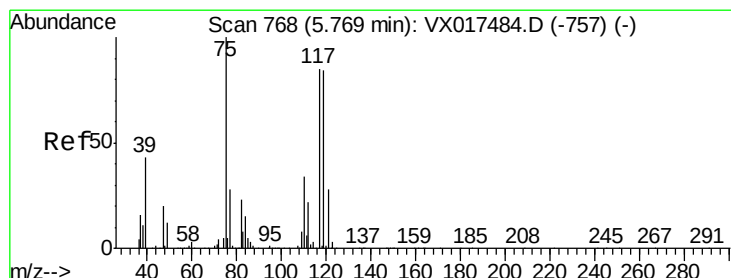
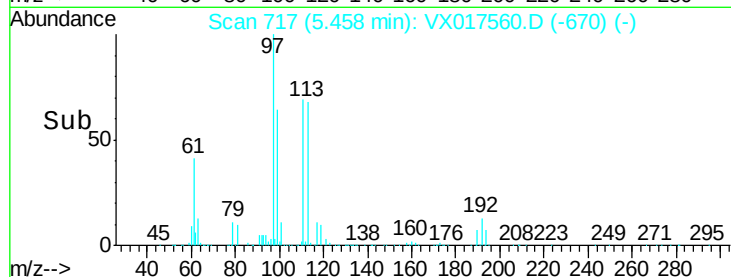
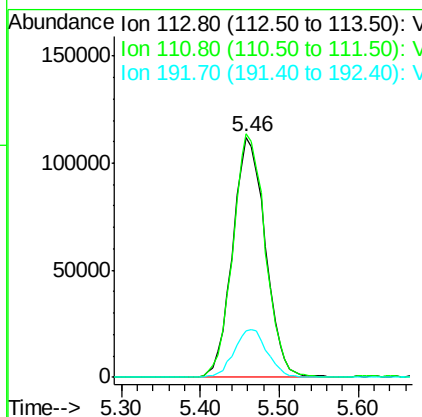
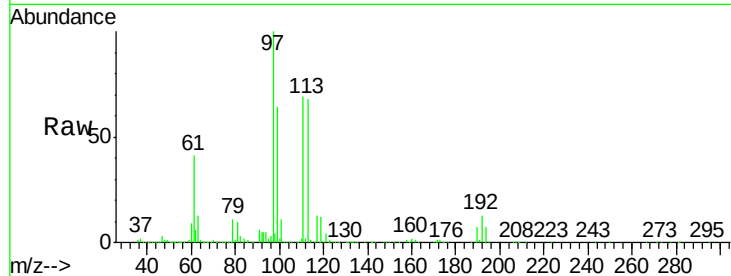
#35
 Dibromofluoromethane
 Concen: 50.627 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	323551		
111	100.4	80.7	121.1	
192	20.0	16.9	25.3	

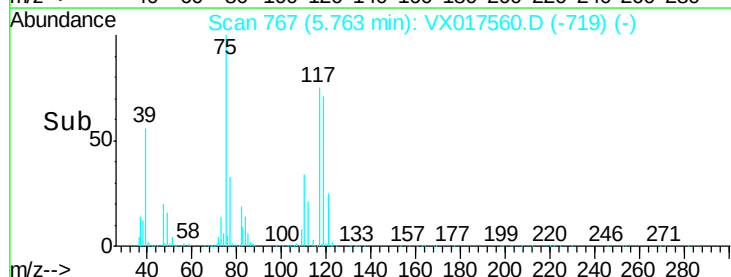
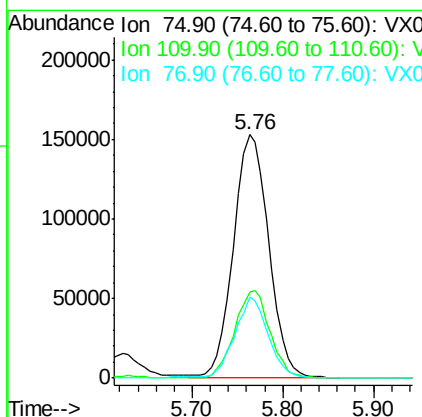
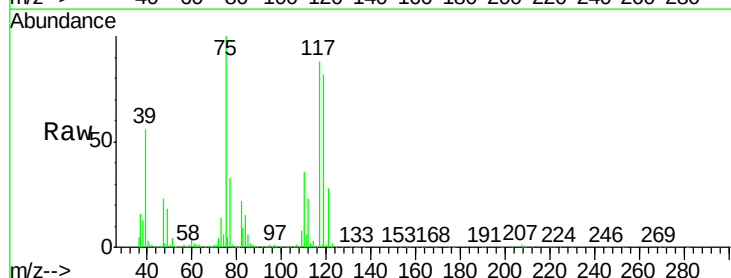
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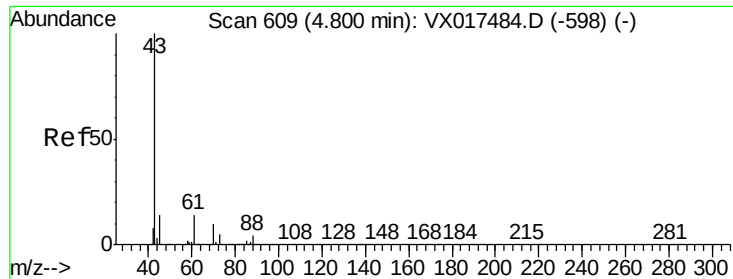
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#36
 1,1-Dichloropropene
 Concen: 45.079 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	413141		
110	36.0	18.1	54.3	
77	30.8	24.6	37.0	





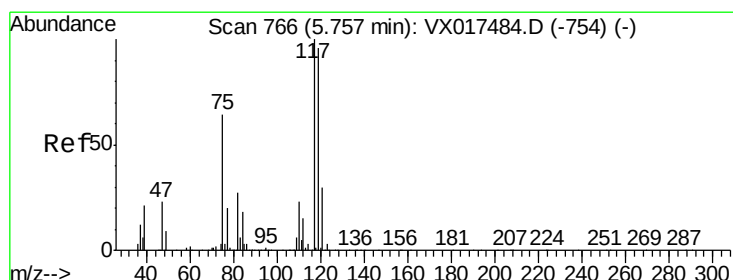
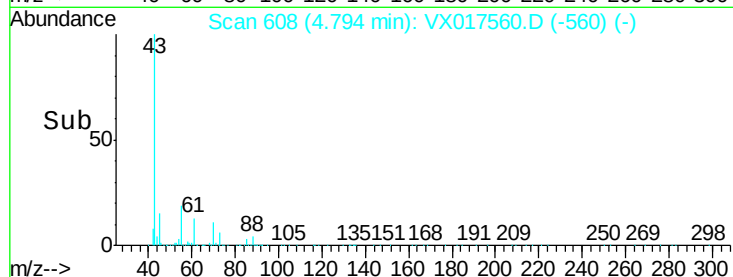
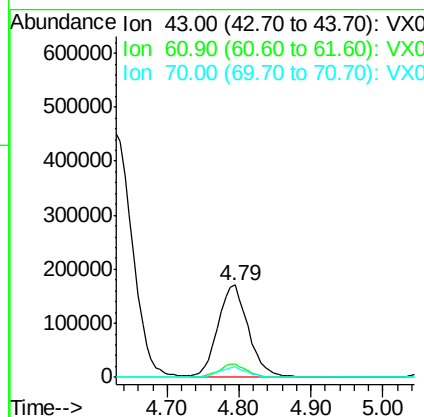
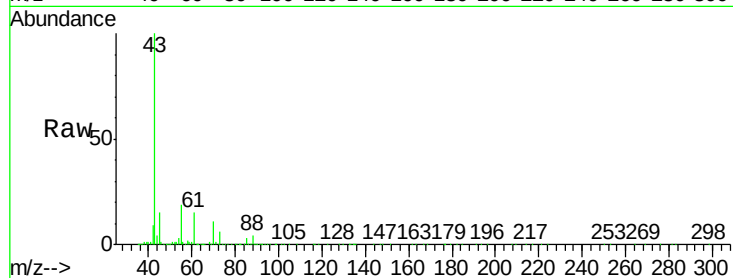
#37
Ethyl Acetate
Concen: 49.709 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.4	8.5	12.7

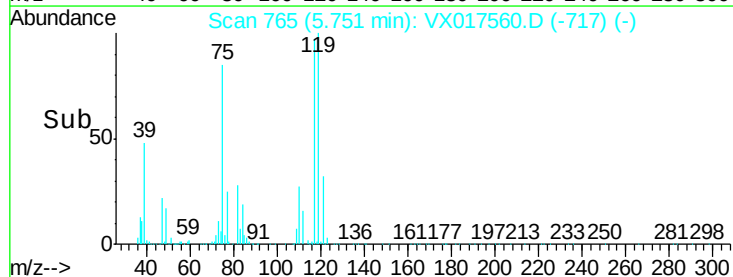
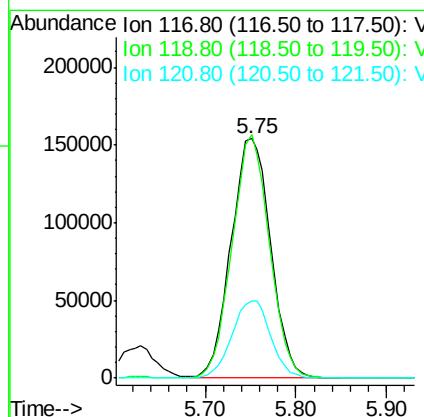
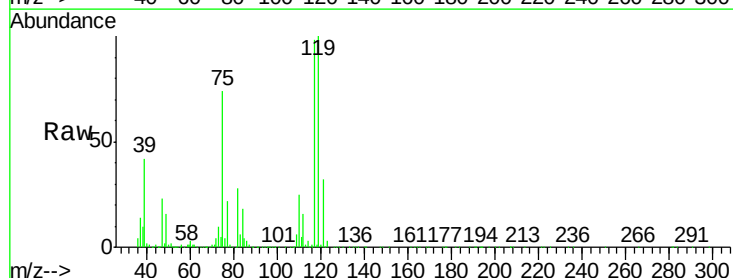
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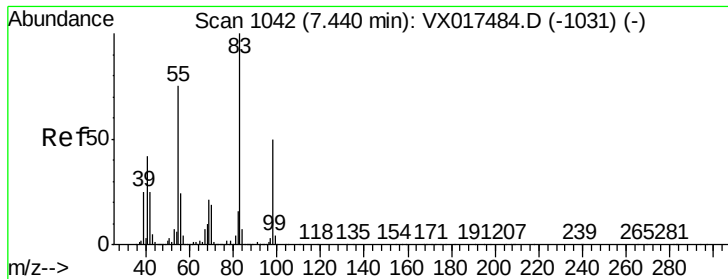
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#38
Carbon Tetrachloride
Concen: 41.855 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	75.4	113.0
121	32.1	24.3	36.5





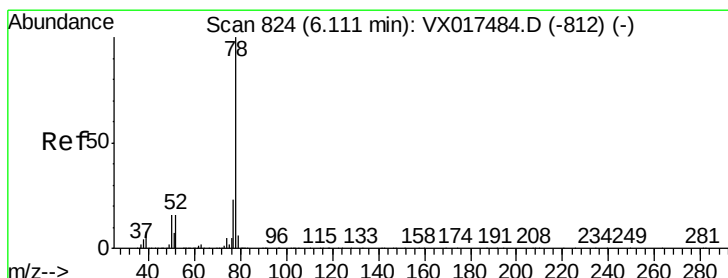
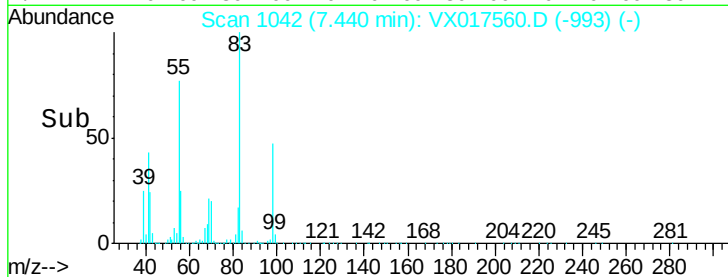
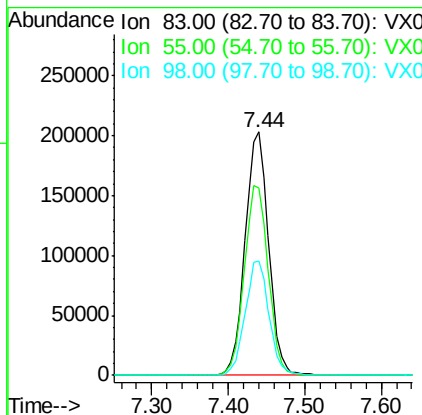
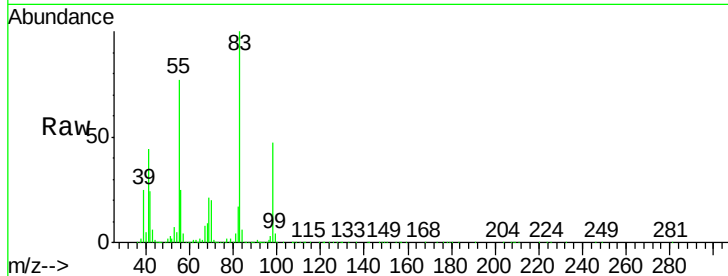
#39
Methylcyclohexane
Concen: 40.609 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	61.8	92.8
98	47.2	36.9	55.3

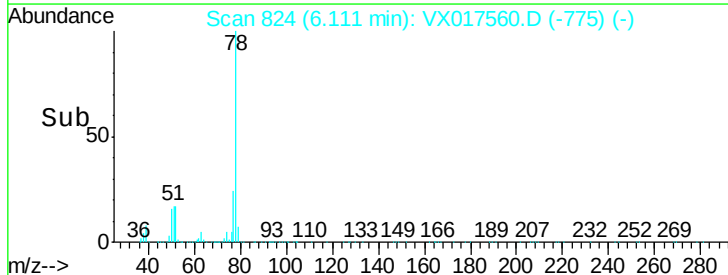
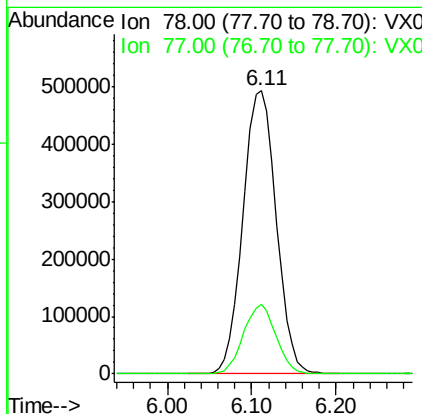
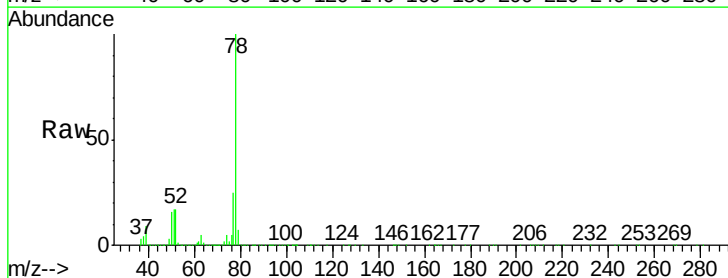
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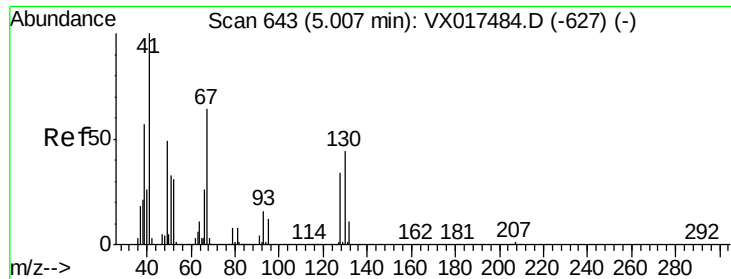
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#40
Benzene
Concen: 50.179 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2





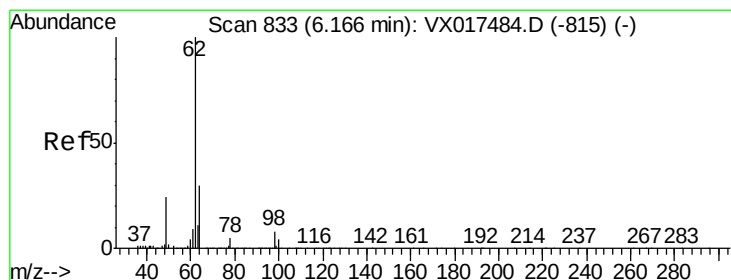
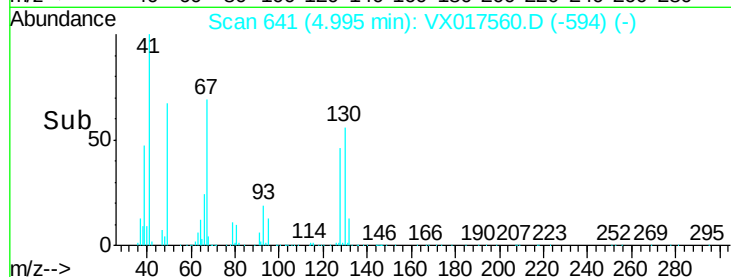
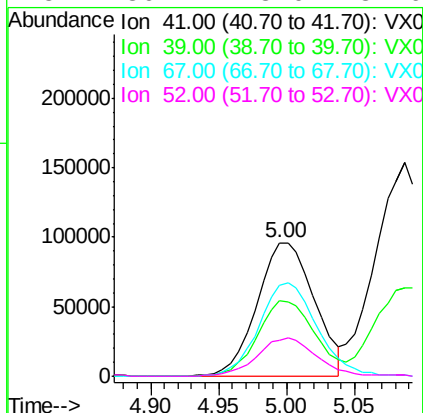
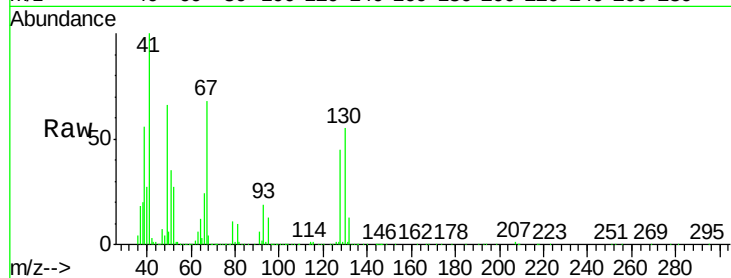
#41
Methacrylonitrile
Concen: 49.134 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.9	43.9	65.9
67	71.3	54.0	81.0
52	30.2	23.0	34.6

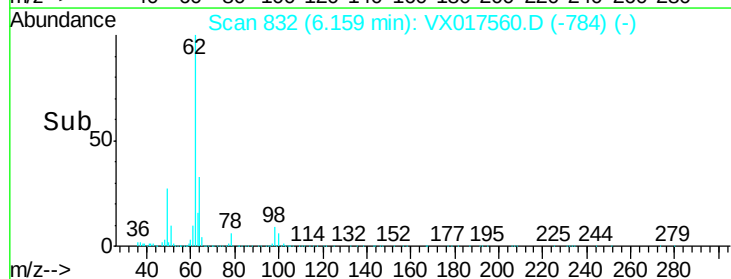
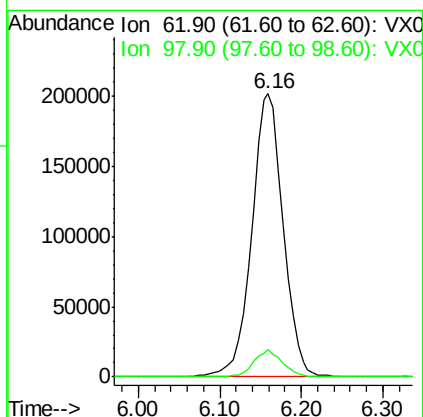
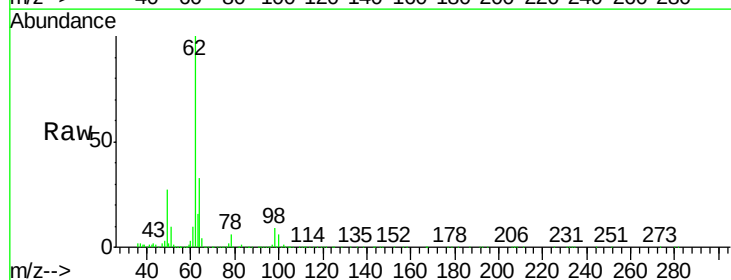
Manual Integrations
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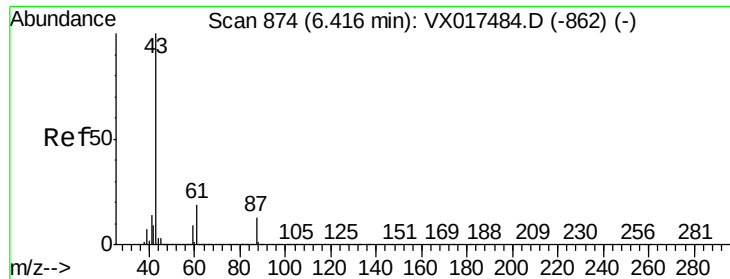
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#42
1,2-Dichloroethane
Concen: 50.206 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 49.256 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

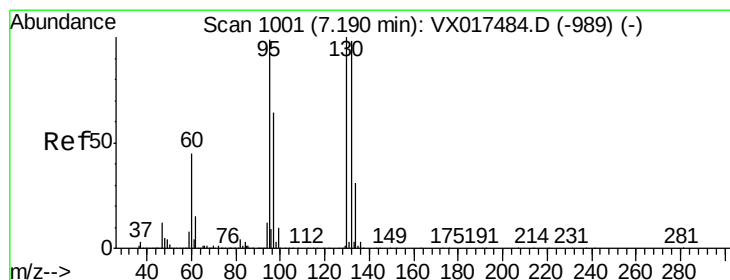
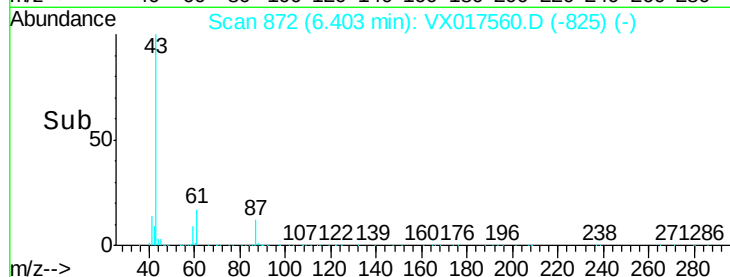
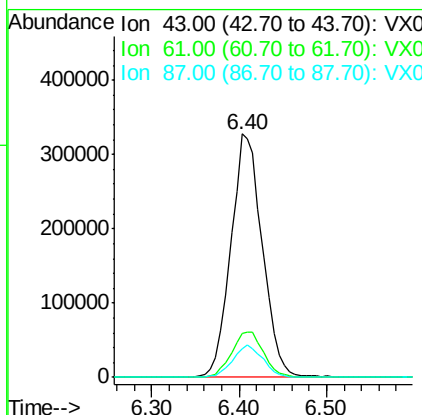
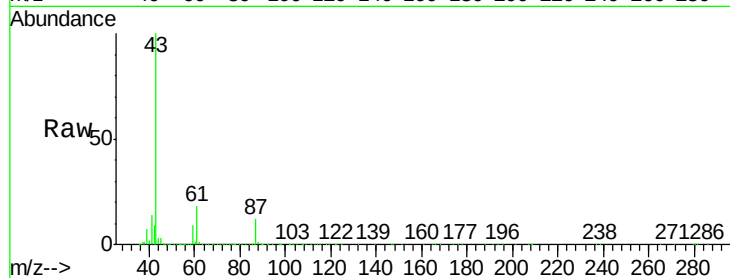
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	814949
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	12.8	10.5	15.7

Manual Integrations
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MMDadoda
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#44

Trichloroethene

Concen: 49.069 ug/l

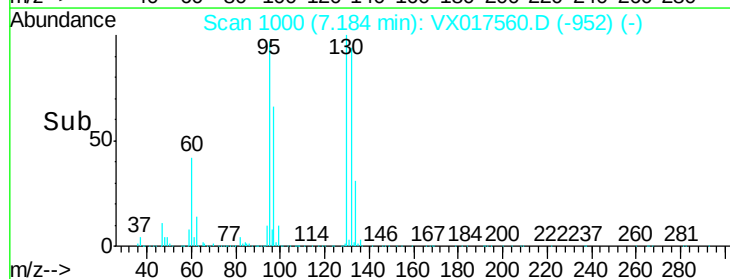
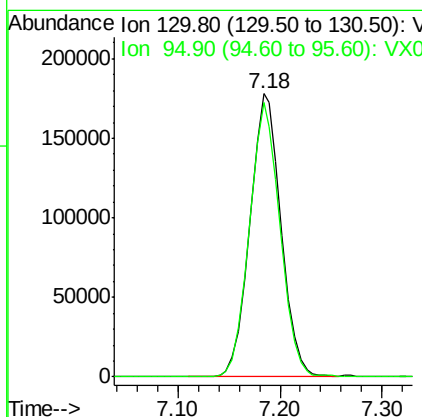
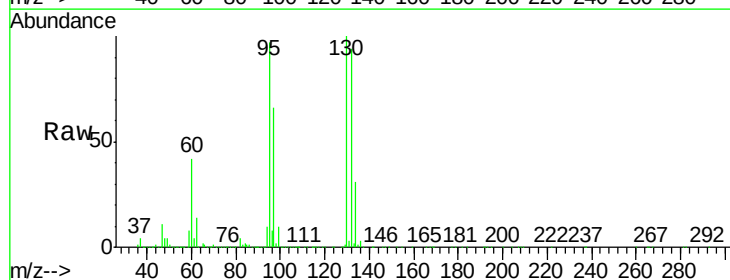
RT: 7.18 min Scan# 1000

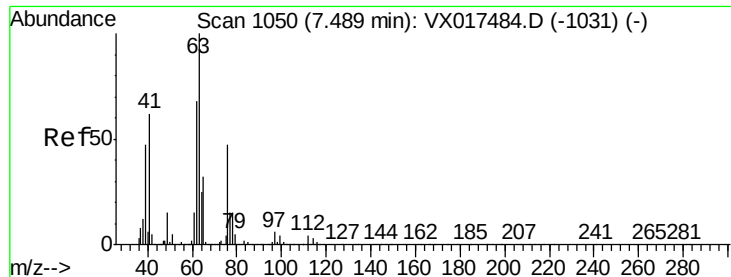
Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion:	130	Resp:	376788
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	189.0





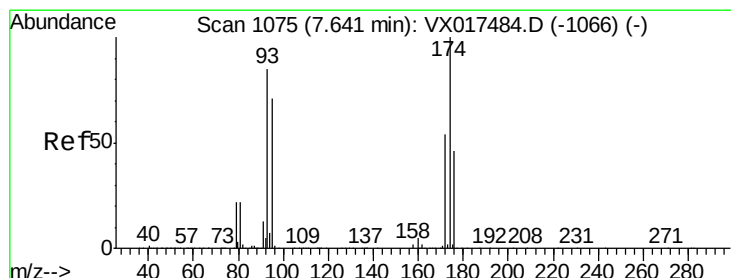
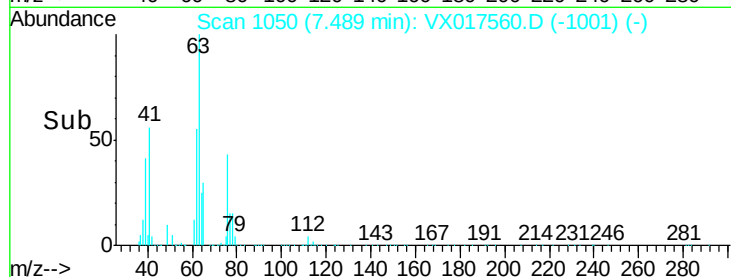
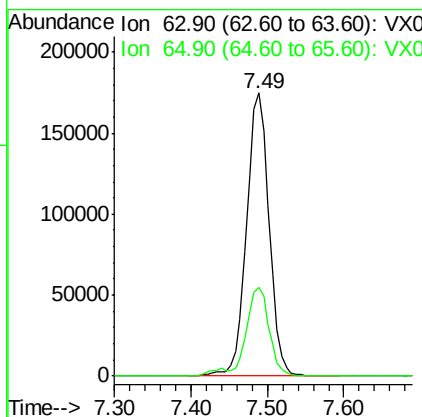
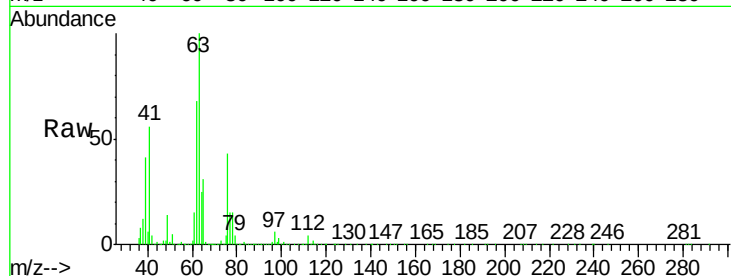
#45
 1,2-Dichloropropane
 Concen: 49.107 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.5	36.7

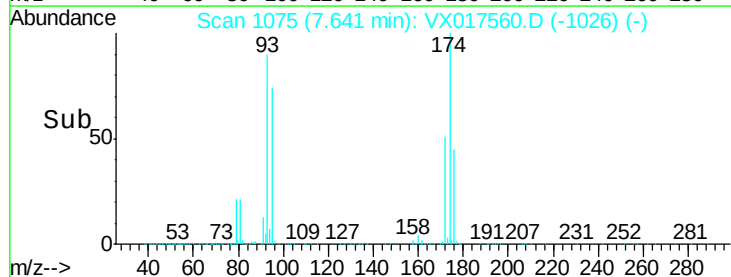
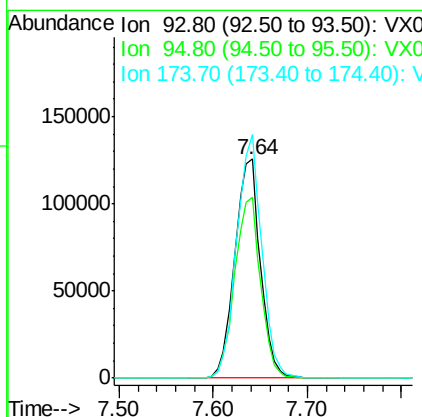
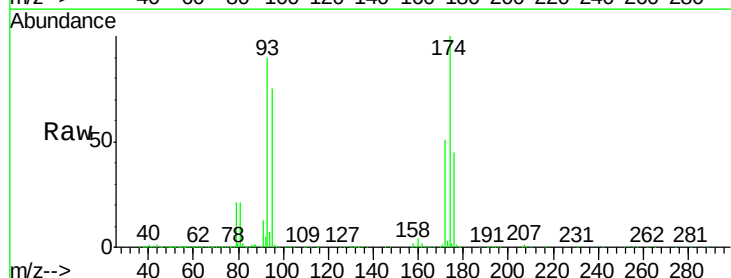
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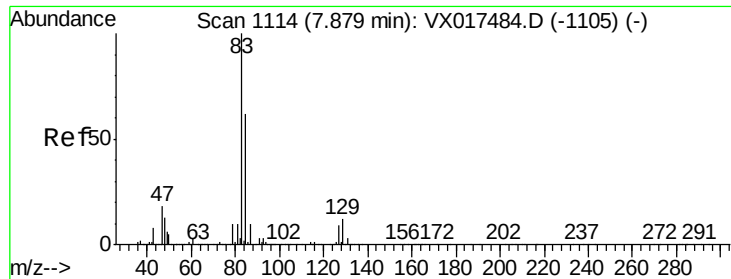
MMDadoda
 7/27/2020 11:03:12 AM



#46
 Dibromomethane
 Concen: 46.384 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	99.8
174	108.8	87.0	130.6





#47

Bromodichloromethane

Concen: 49.713 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

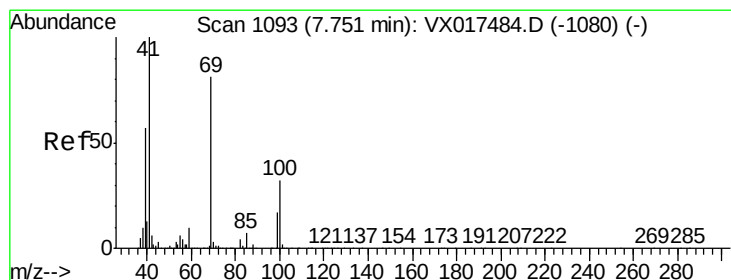
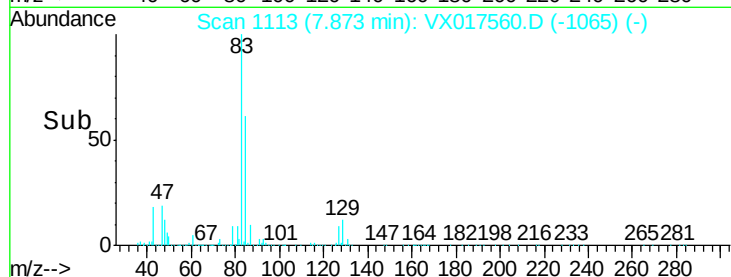
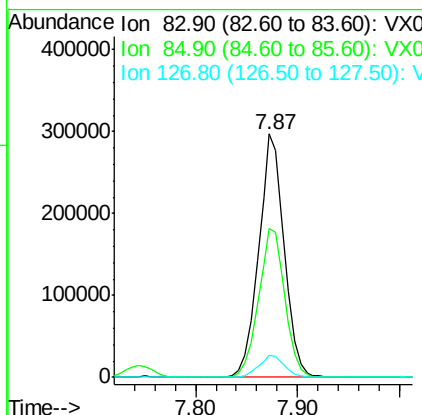
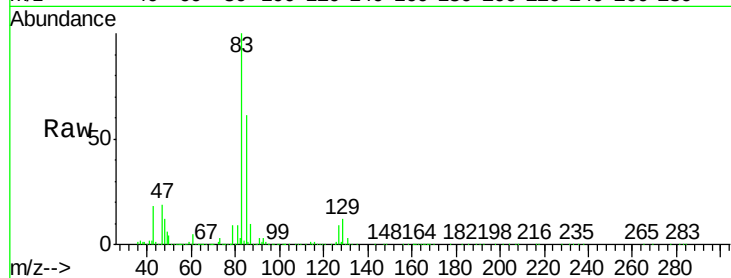
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.8	77.8
127	9.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.678 ug/l

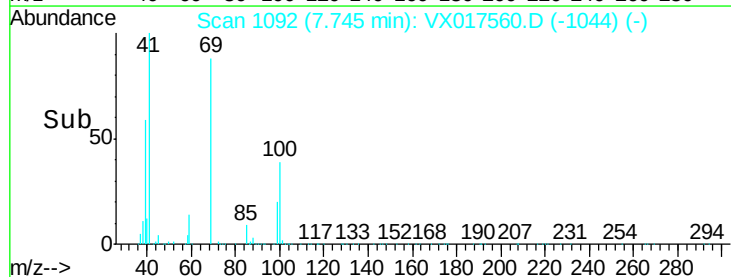
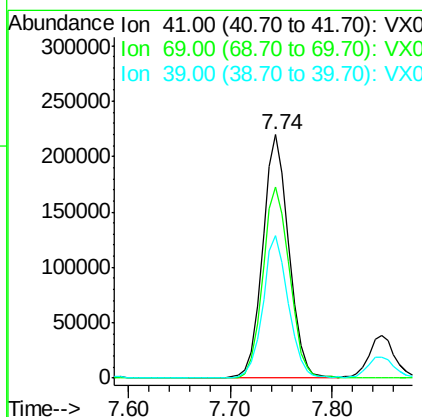
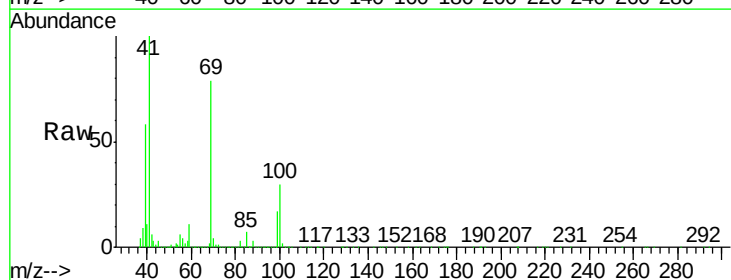
RT: 7.74 min Scan# 1092

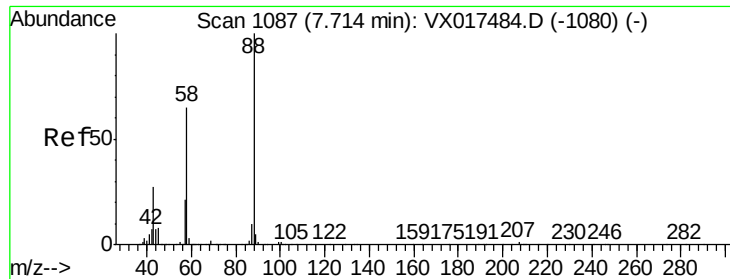
Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.5	63.1	94.7
39	56.1	45.1	67.7





#49

1,4-Dioxane

Concen: 962.046 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

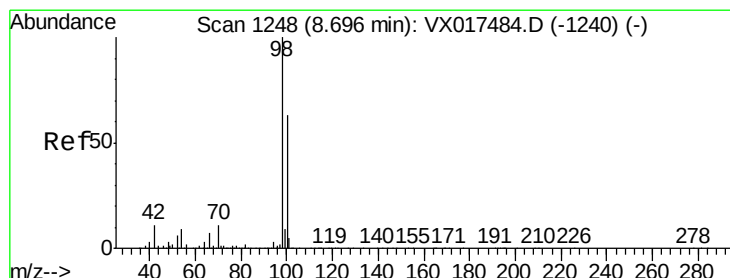
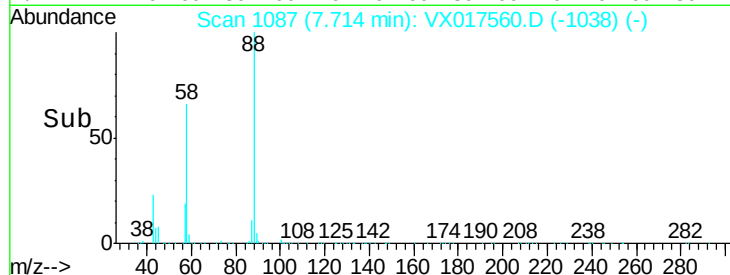
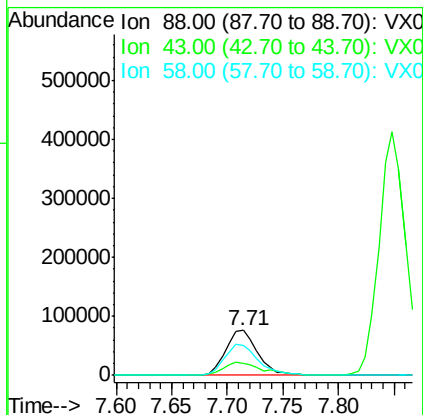
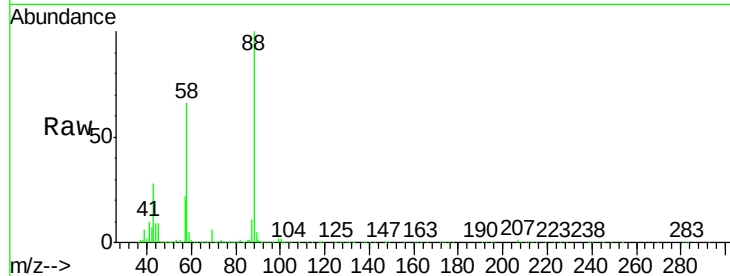
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	151270
Ion Ratio	Lower	Upper	
88	100		
43	35.6	27.8	41.6
58	73.6	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 52.322 ug/l

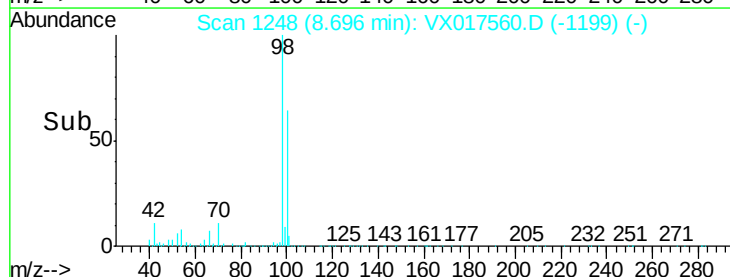
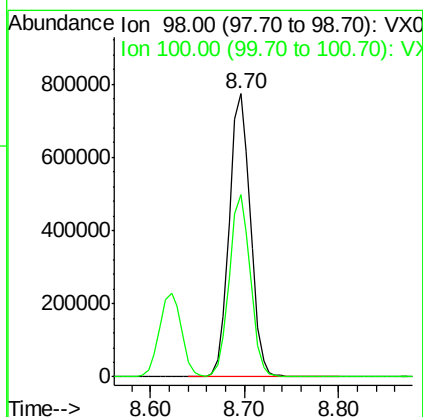
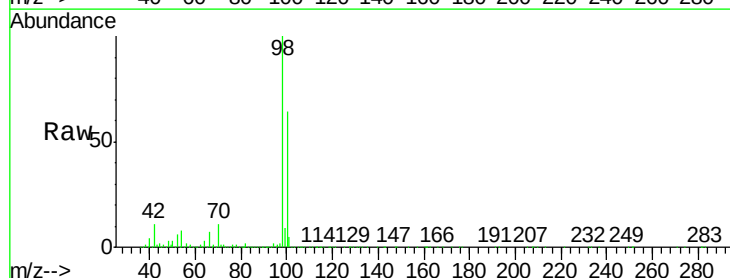
RT: 8.70 min Scan# 1248

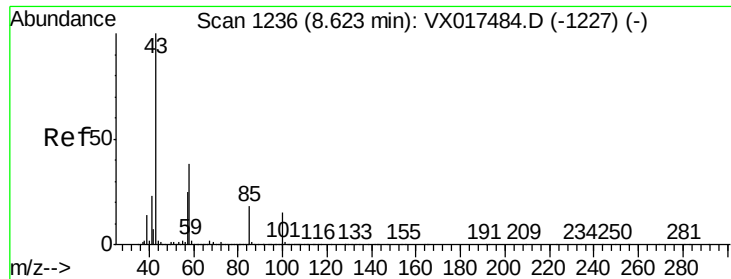
Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion:	98	Resp:	1206279
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.3	78.5





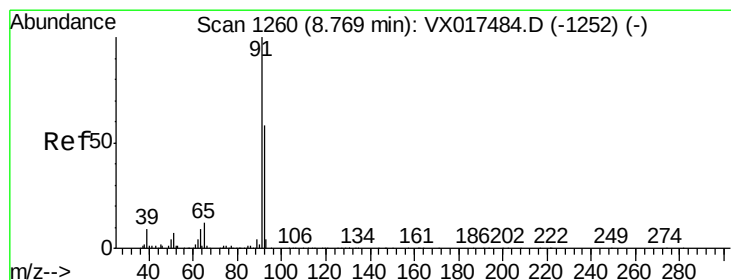
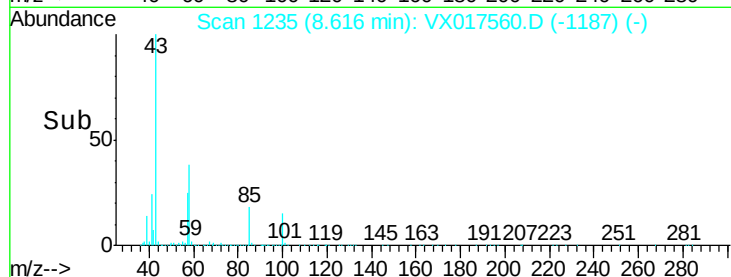
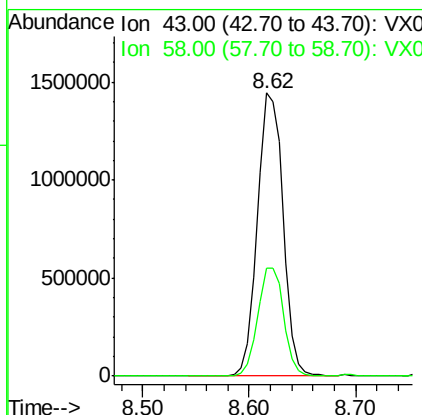
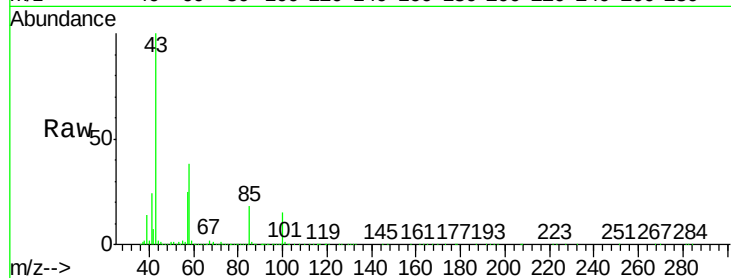
#51
4-Methyl-2-Pentanone
Concen: 248.040 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2448614
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.4

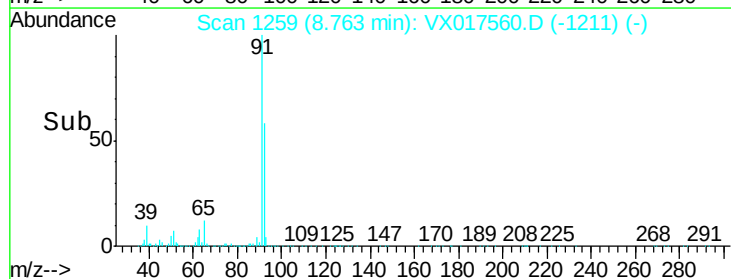
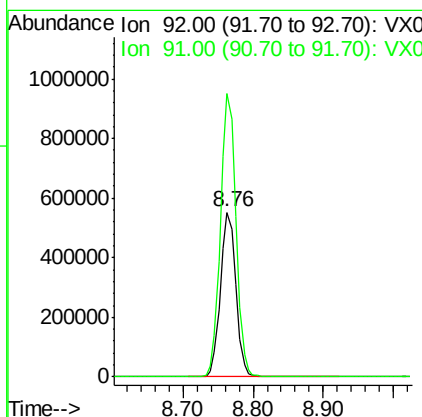
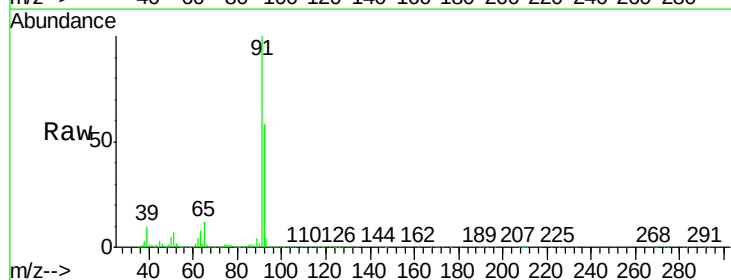
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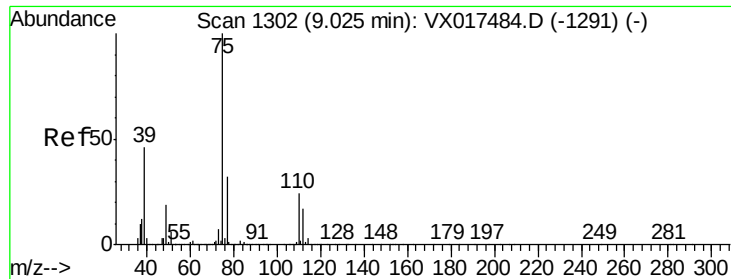
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#52
Toluene
Concen: 50.300 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 92 Resp: 847582
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4





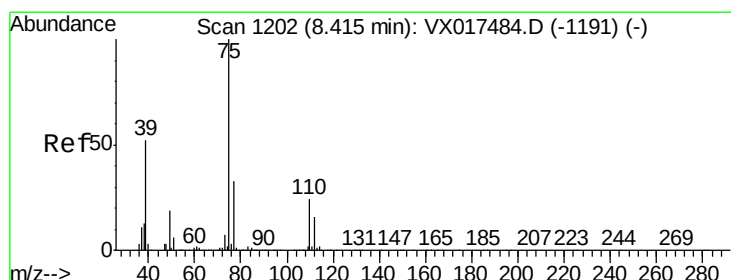
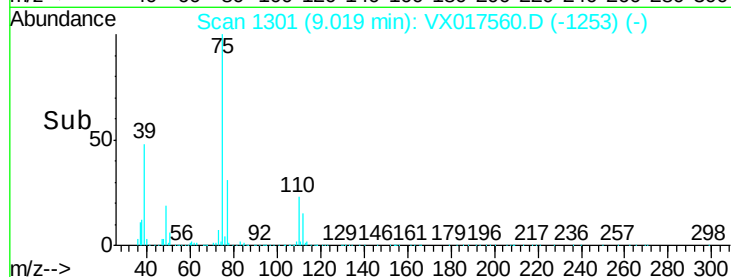
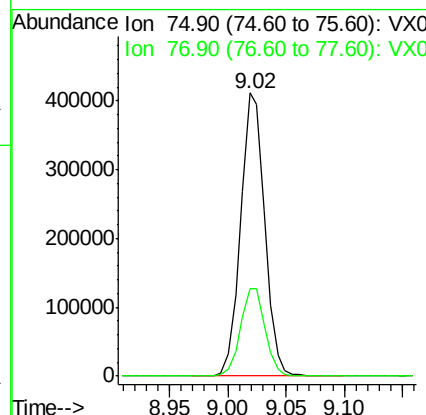
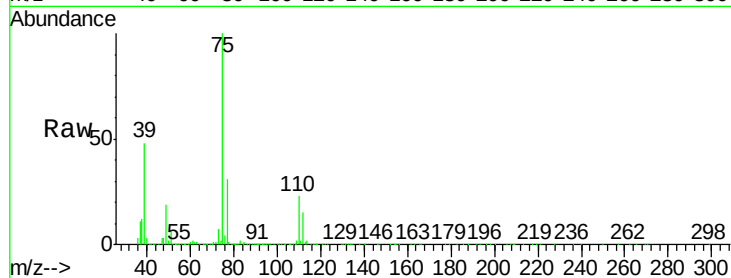
#53
t-1,3-Dichloropropene
Concen: 51.270 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 594448
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3

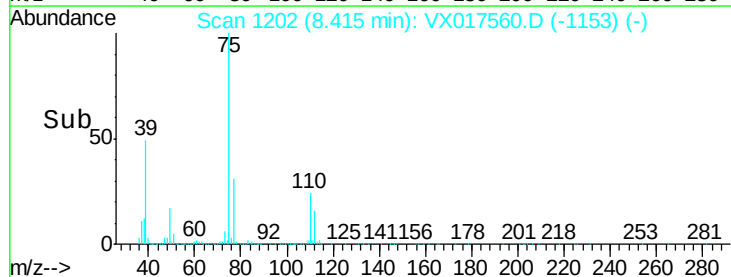
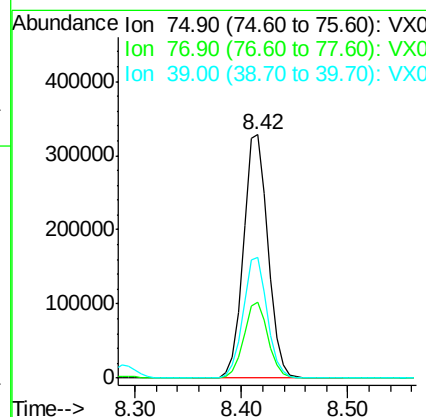
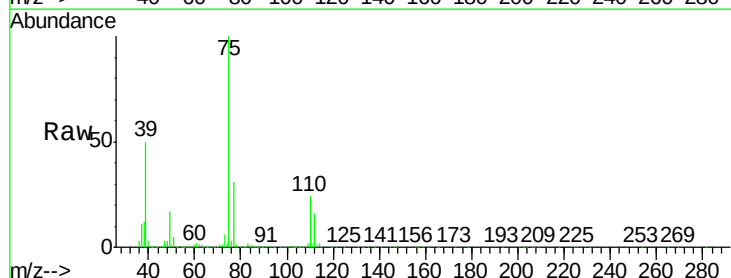
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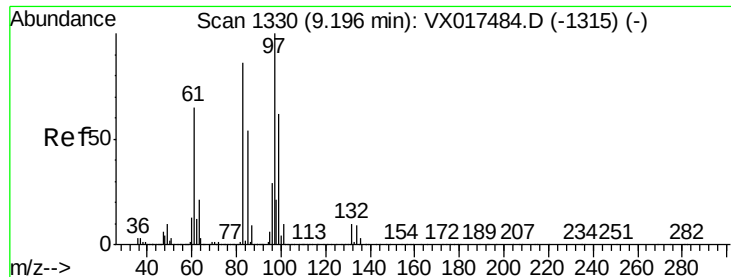
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 44.690 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 75 Resp: 528521
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3
39 49.5 41.8 62.8





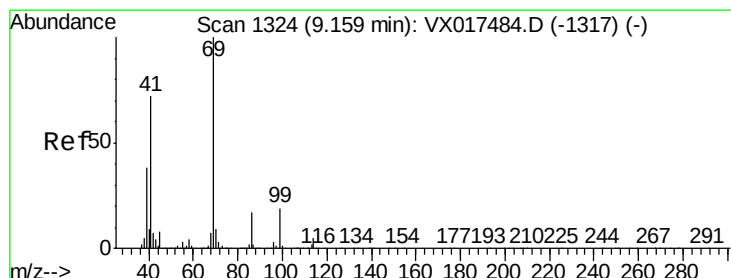
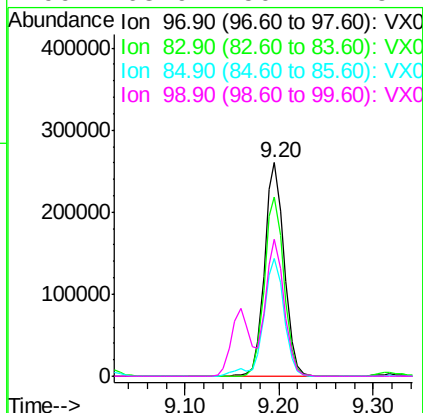
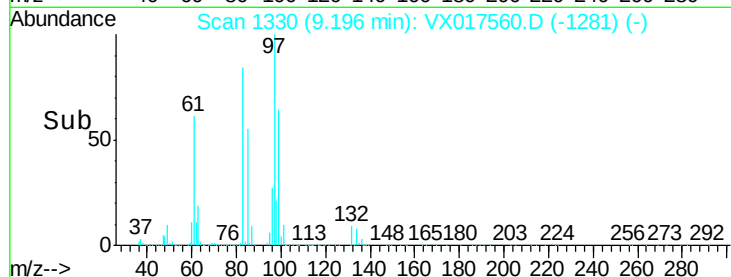
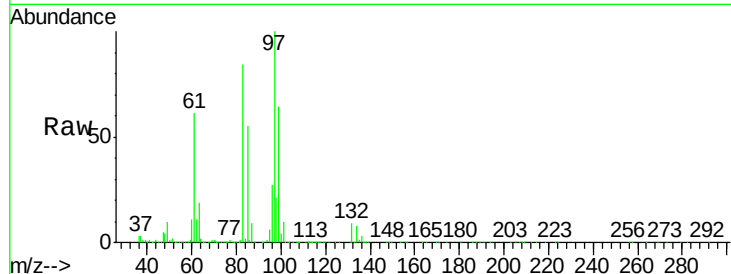
#55
 1,1,2-Trichloroethane
 Concen: 54.460 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.6	101.4
85	55.0	44.6	67.0
99	63.9	50.2	75.4

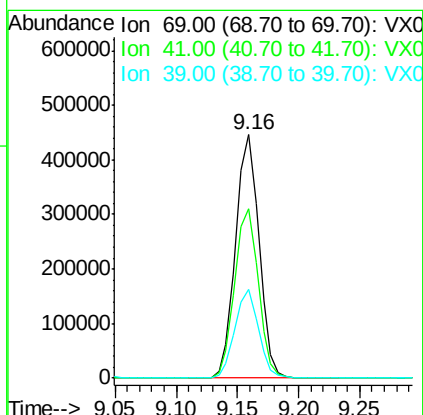
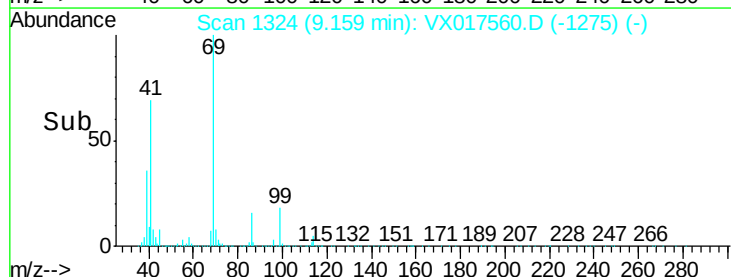
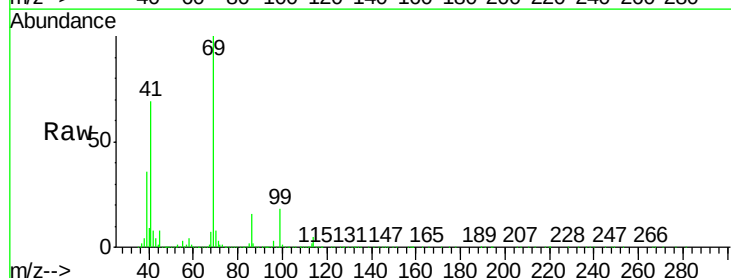
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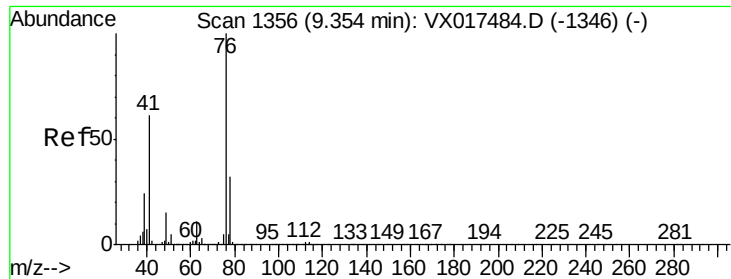
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 55.931 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.0	82.6
39	36.6	30.0	45.0





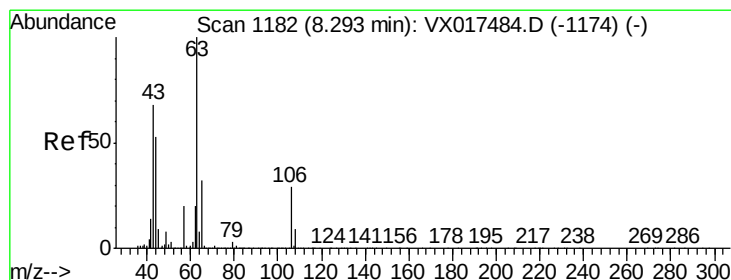
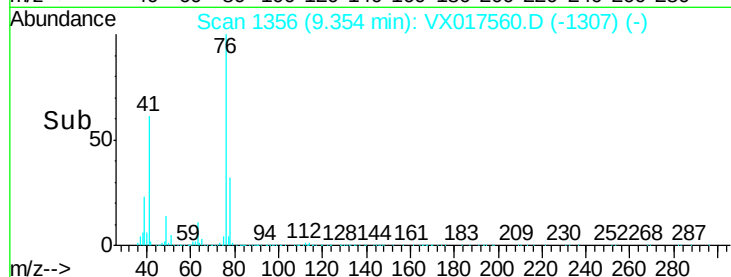
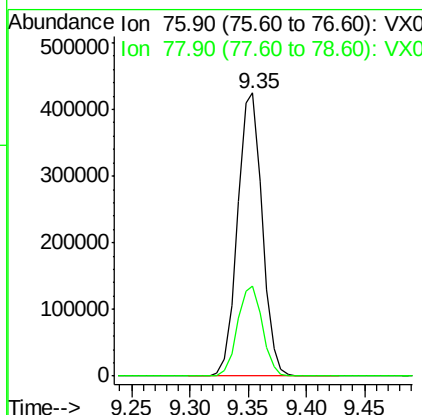
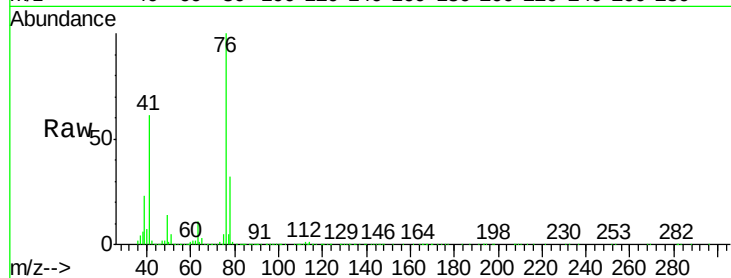
#57
 1,3-Dichloropropane
 Concen: 54.209 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

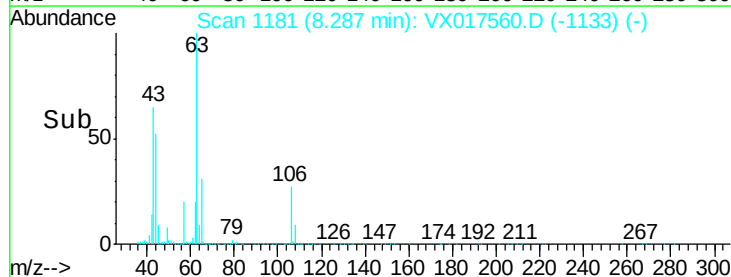
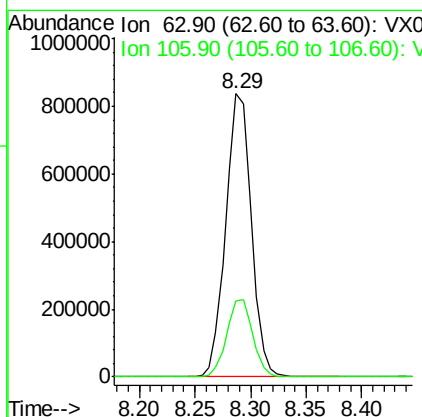
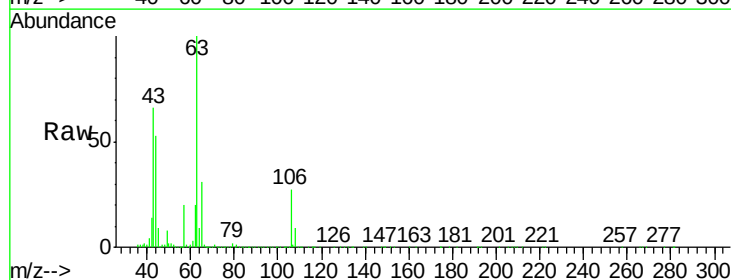
Manual Integrations
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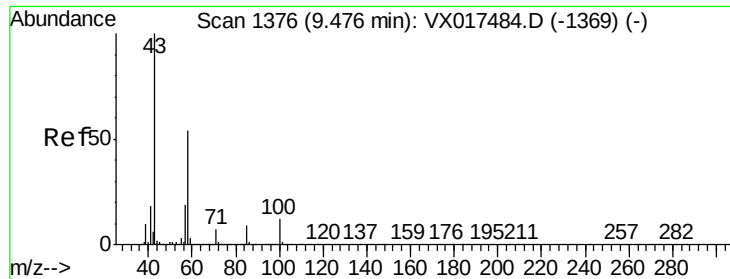
MMDadoda
 7/27/2020 11:03:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.446 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.6	34.0





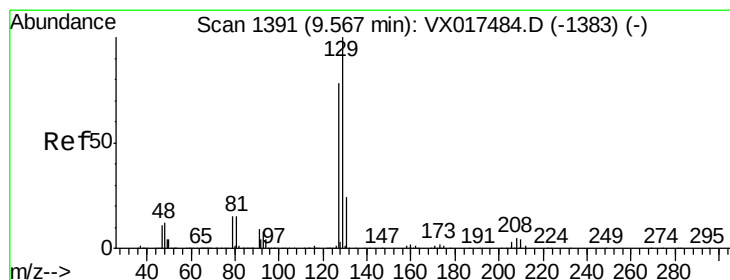
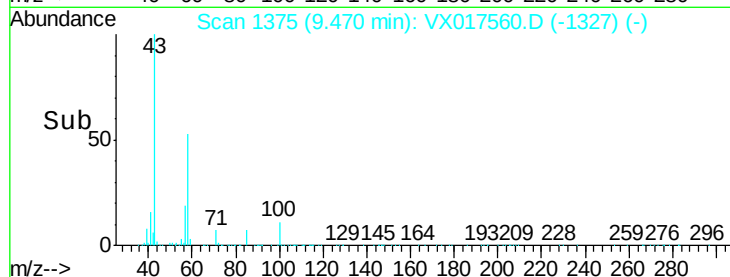
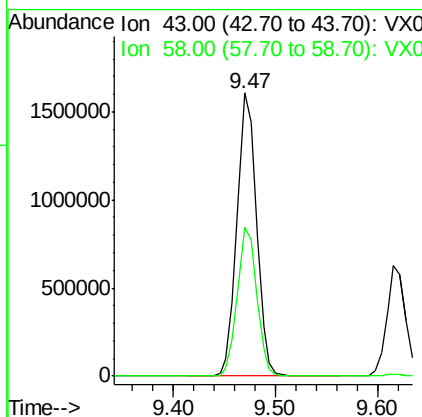
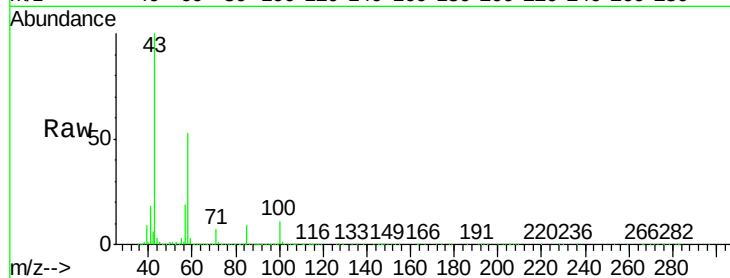
#59
2-Hexanone
Concen: 284.685 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2115892
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8

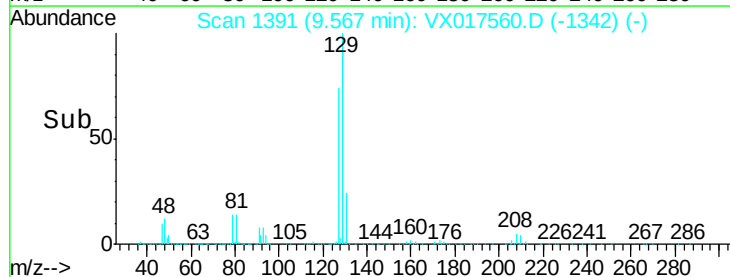
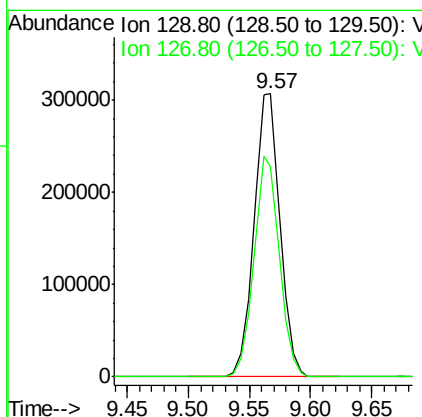
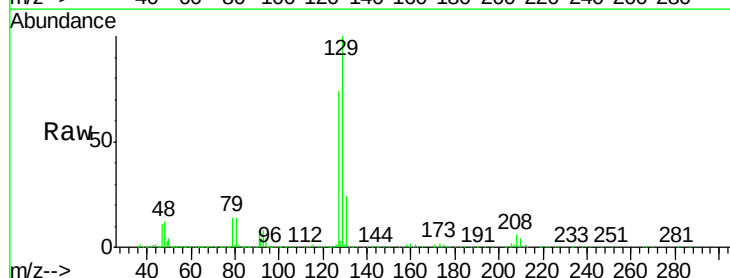
Manual Integrations
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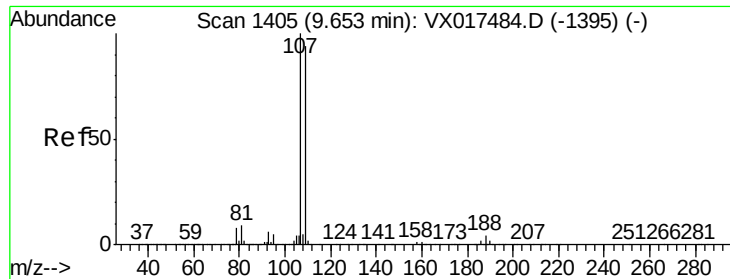
MMDadoda
7/27/2020 11:03:12 AM



#60
Dibromochloromethane
Concen: 51.085 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 129 Resp: 455782
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





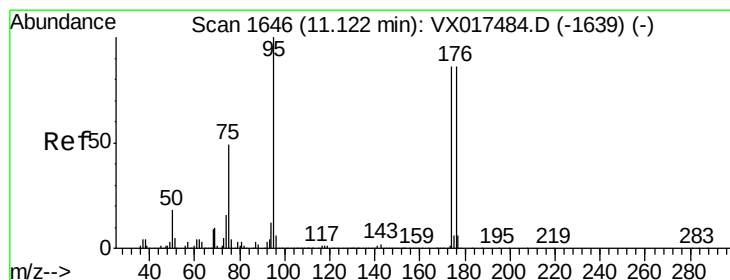
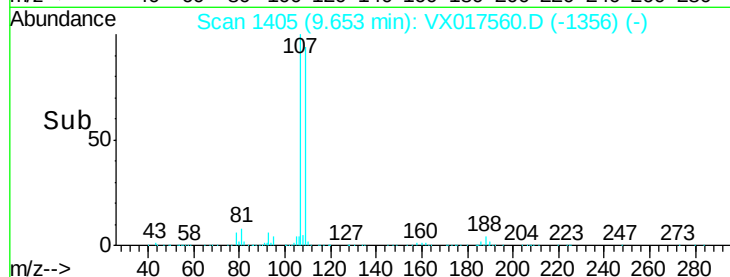
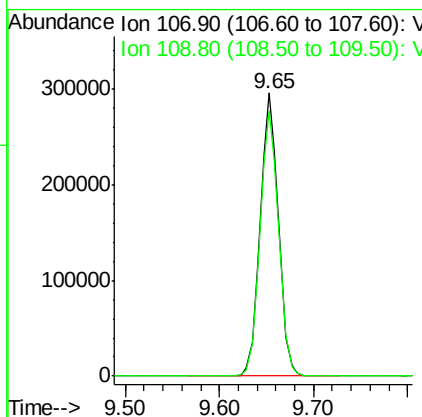
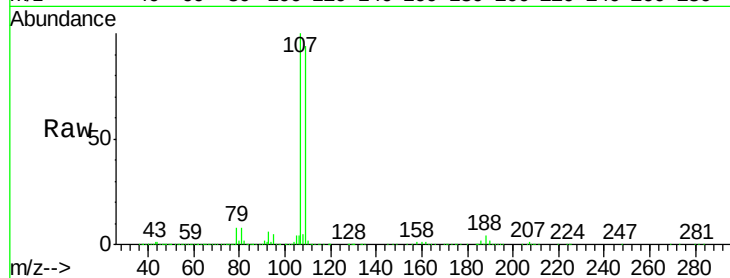
#61
 1,2-Dibromoethane
 Concen: 54.336 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.9	112.3

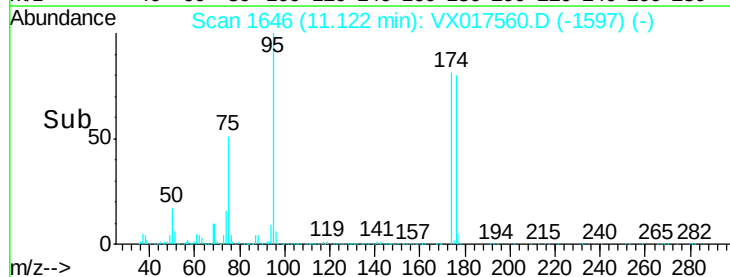
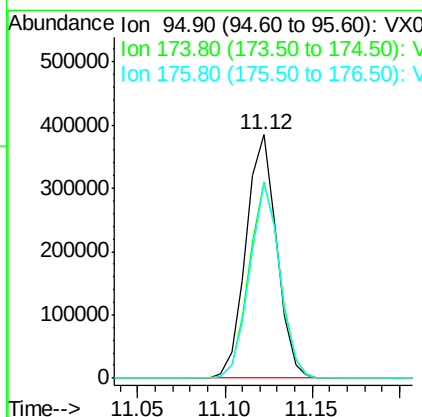
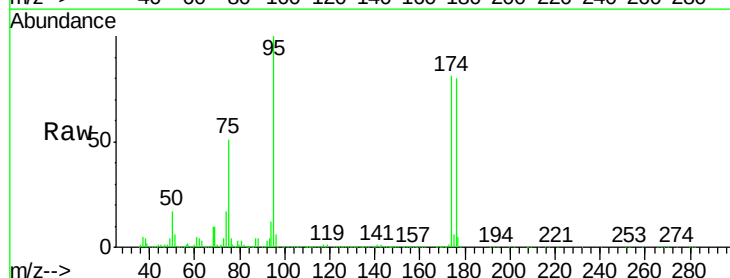
Manual Integrations
 APPROVED

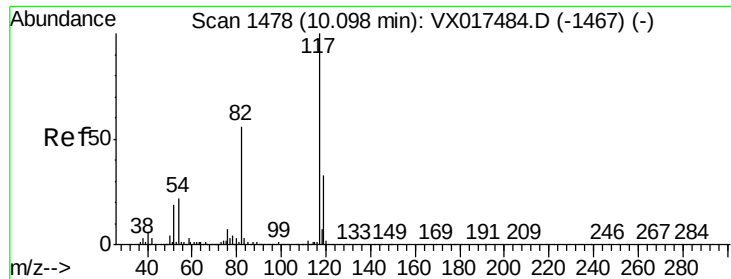
MMDadoda
 7/27/2020 11:03:12 AM



#62
 4-Bromofluorobenzene
 Concen: 50.982 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	169.0
176	78.2	0.0	161.0





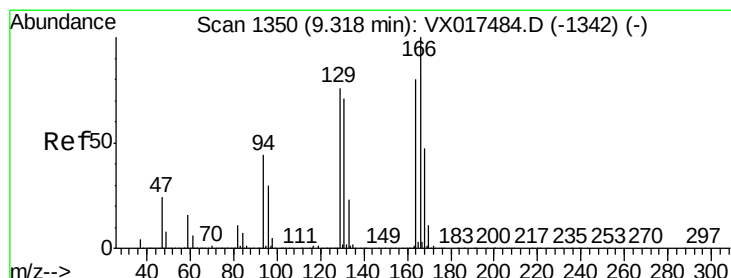
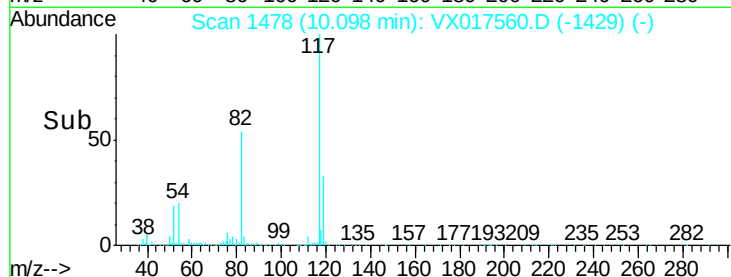
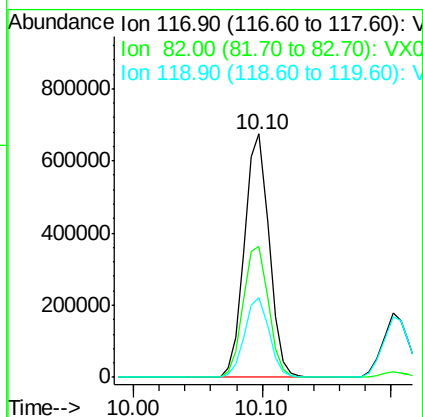
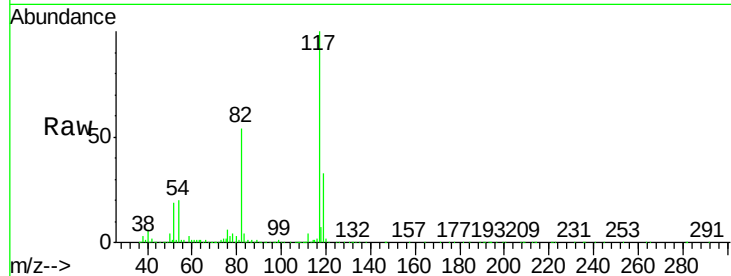
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	891173		
82	53.9	44.0	66.0	
119	32.9	25.4	38.0	

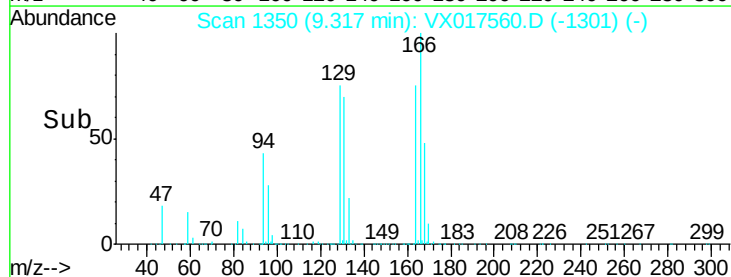
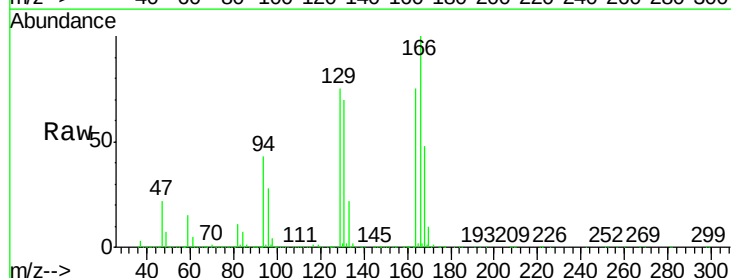
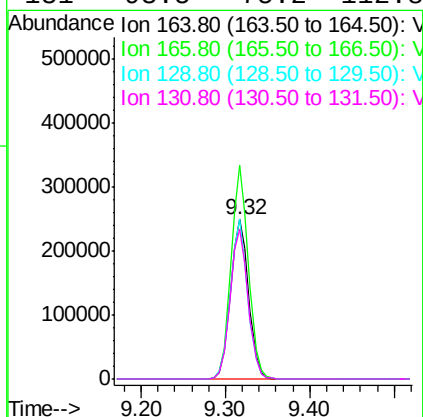
Manual Integrations
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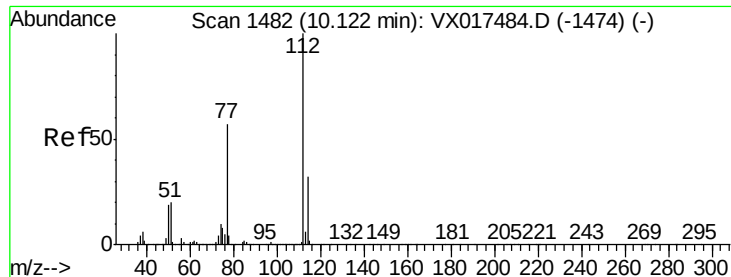
MMDadoda
7/27/2020 11:03:12 AM



#64
Tetrachloroethene
Concen: 45.272 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	362109		
166	133.9	100.6	150.8	
129	100.7	75.0	112.6	
131	93.5	75.2	112.8	





#65

Chlorobenzene

Concen: 47.003 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 906679

Ion Ratio Lower Upper

112 100

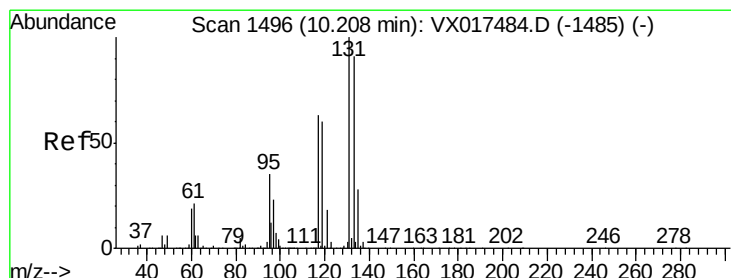
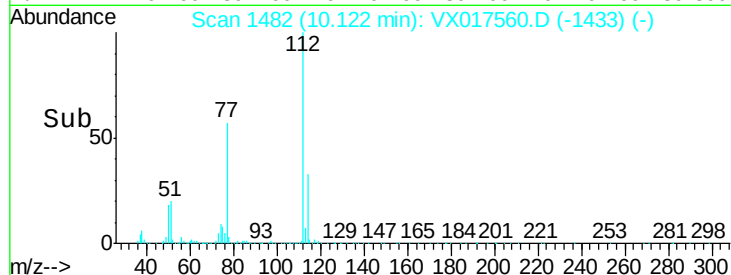
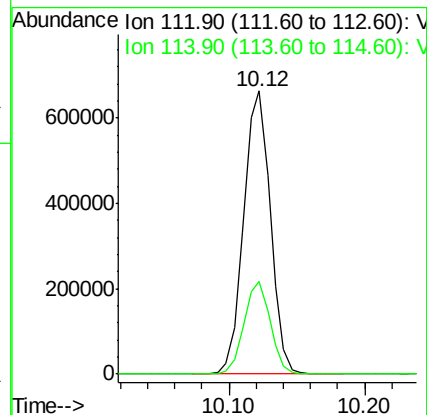
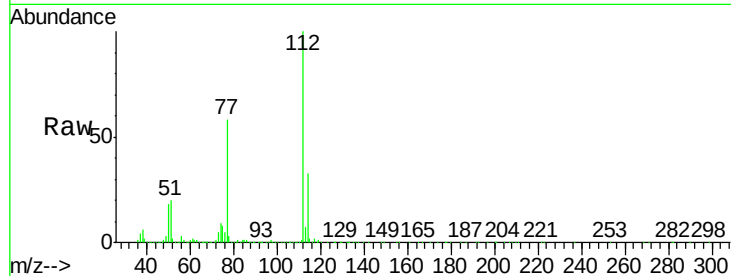
114 32.5 25.7 38.5

Manual Integrations

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MMDadoda

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#66

1,1,1,2-Tetrachloroethane

Concen: 47.316 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

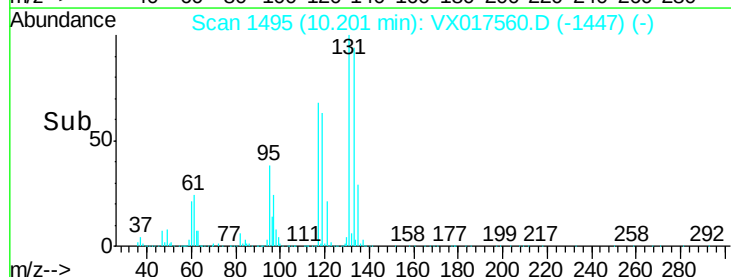
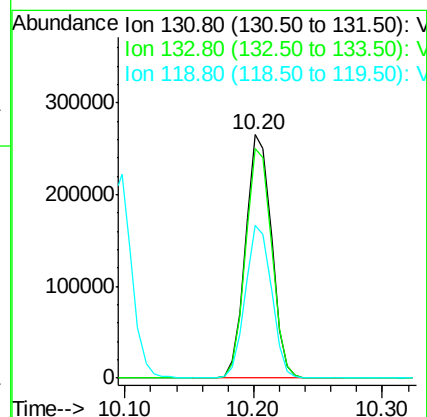
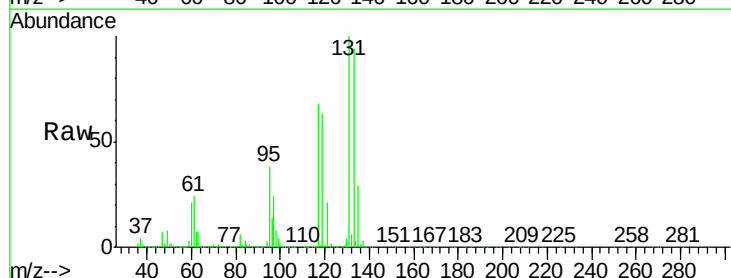
Tgt Ion:131 Resp: 368358

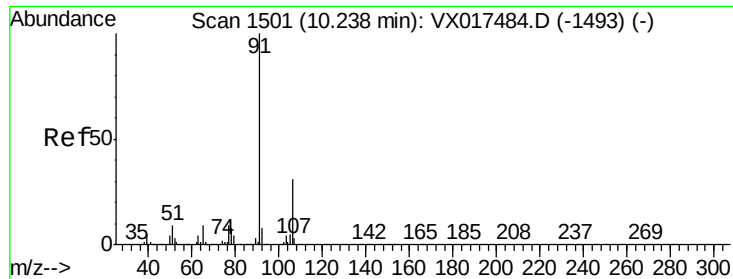
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 63.5 31.1 93.3





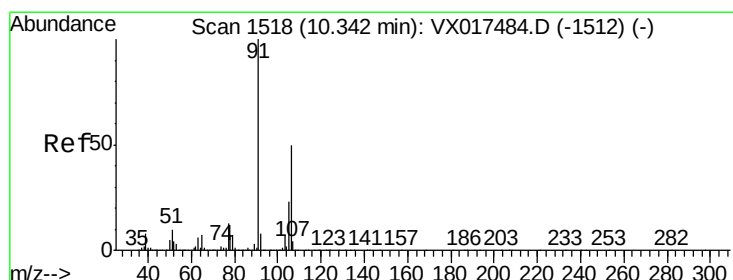
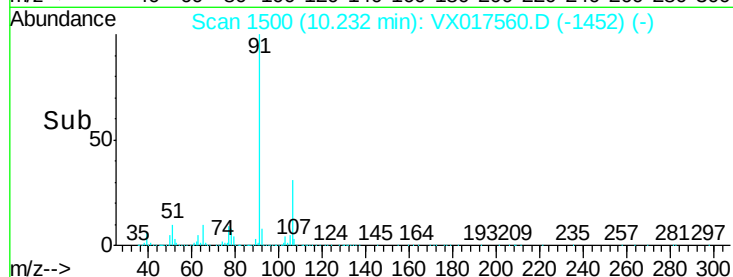
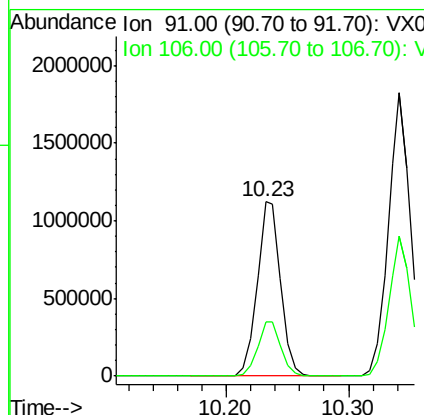
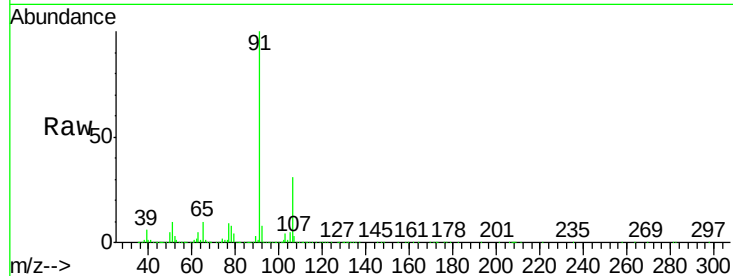
#67
Ethyl Benzene
Concen: 46.461 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1496024
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6

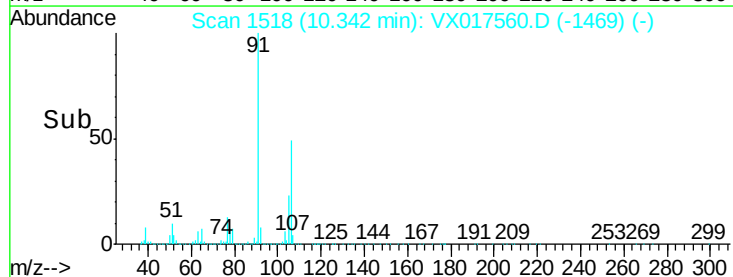
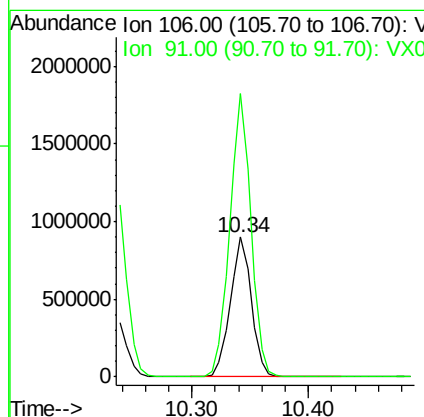
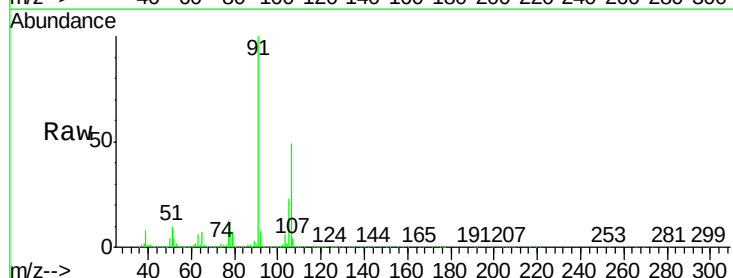
Manual Integrations
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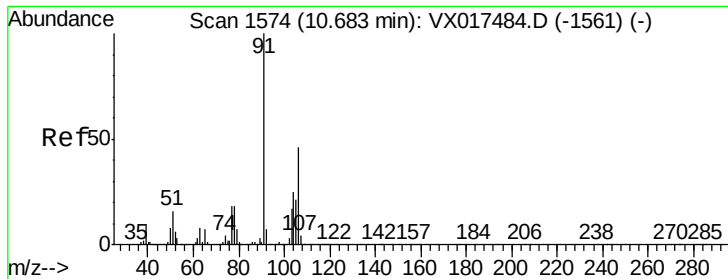
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7/27/2020 11:03:12 AM



#68
m/p-Xylenes
Concen: 90.826 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion: 106 Resp: 1132972
Ion Ratio Lower Upper
106 100
91 202.4 160.9 241.3





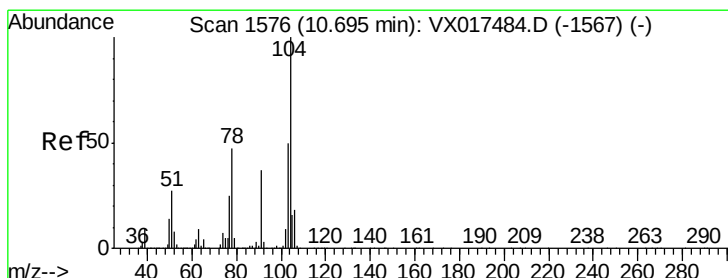
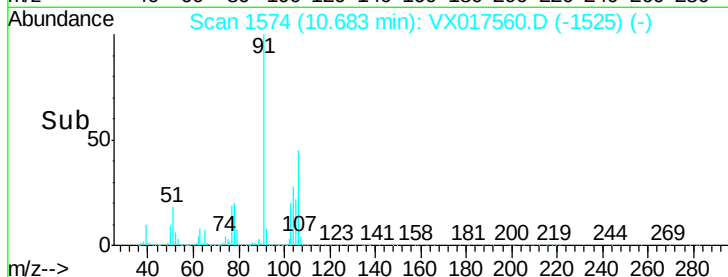
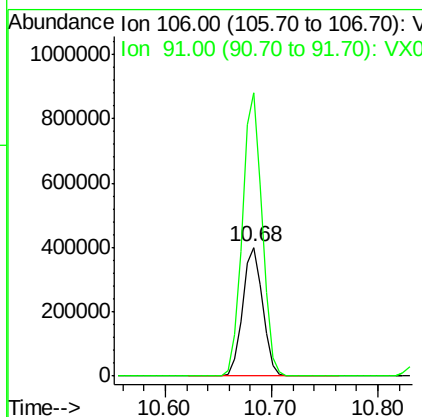
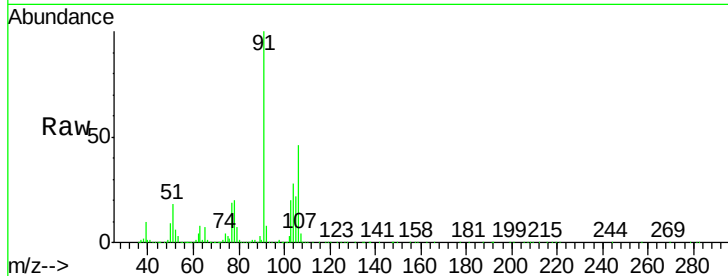
#69
o-Xylene
Concen: 44.042 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	216.2	108.2	324.6

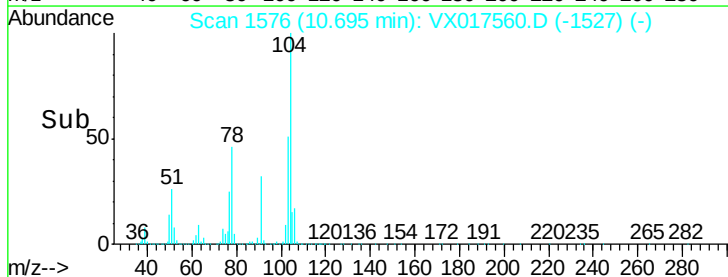
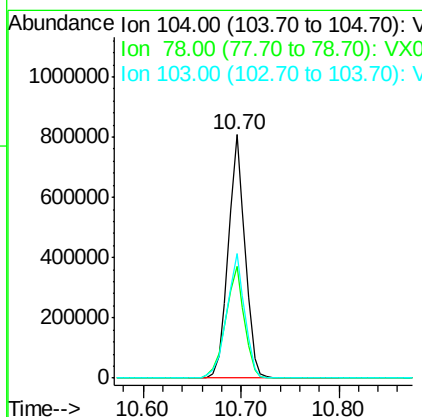
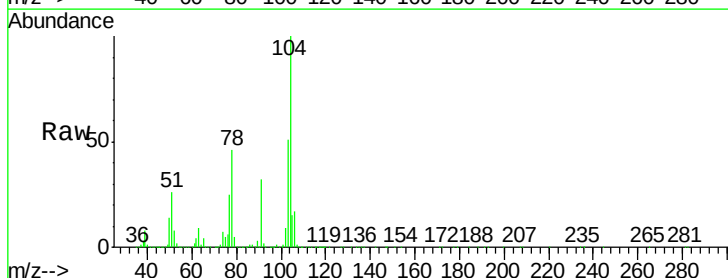
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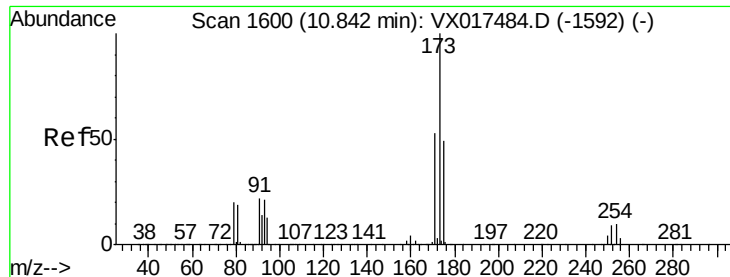
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#70
Styrene
Concen: 47.106 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.0	42.5	63.7
103	55.2	44.3	66.5





#71

Bromoform

Concen: 50.265 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 339028

Ion Ratio Lower Upper

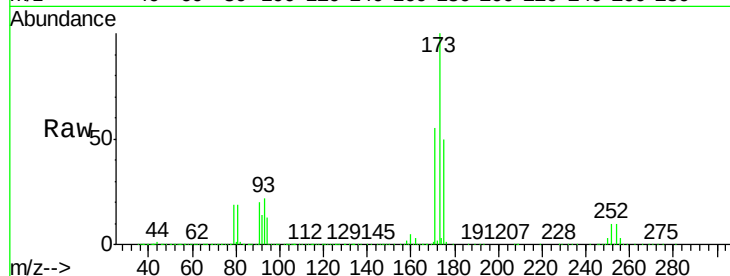
173 100

175 48.9 23.8 71.5

254 0.2 0.1 0.1#

Manual Integrations
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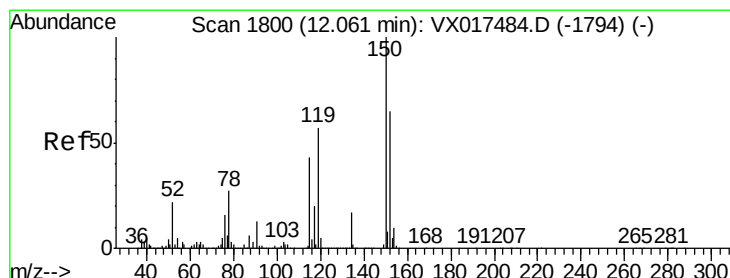
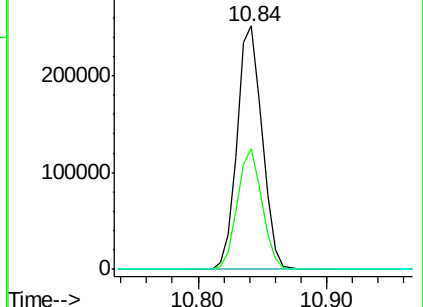
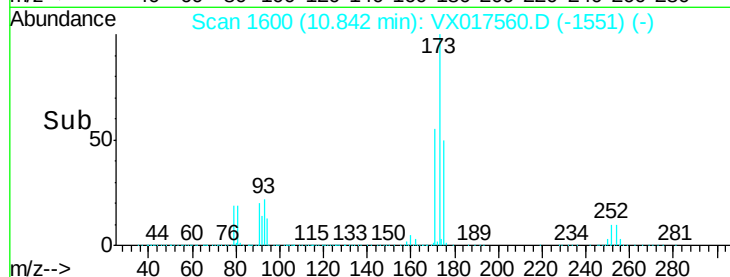
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

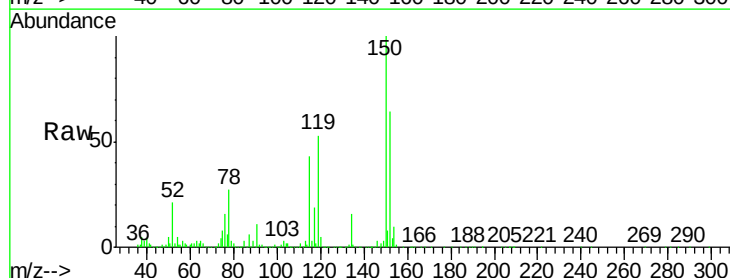
Tgt Ion:152 Resp: 444209

Ion Ratio Lower Upper

152 100

115 80.1 65.5 196.6

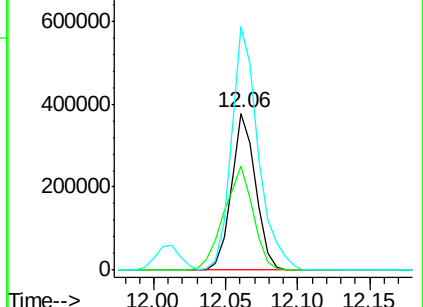
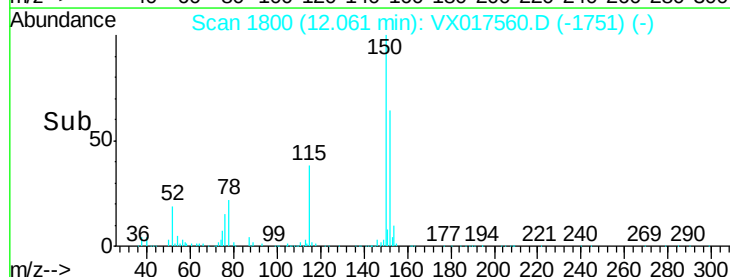
150 172.4 0.0 412.6

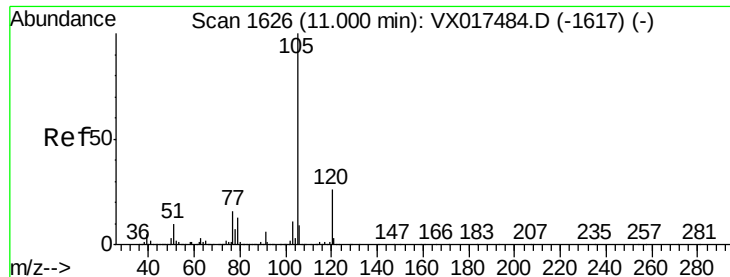


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.088 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1434945

Ion Ratio Lower Upper

105 100

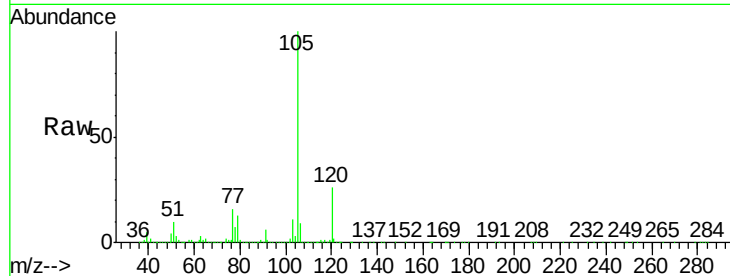
120 26.8 13.3 39.8

Manual Integrations

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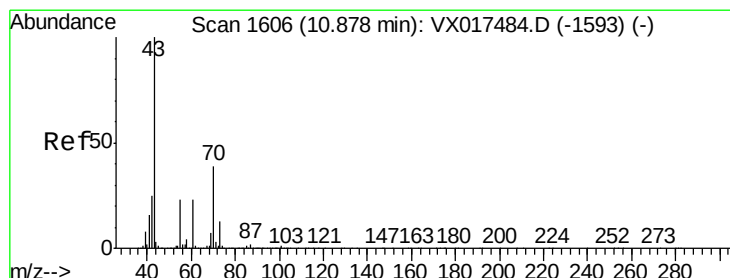
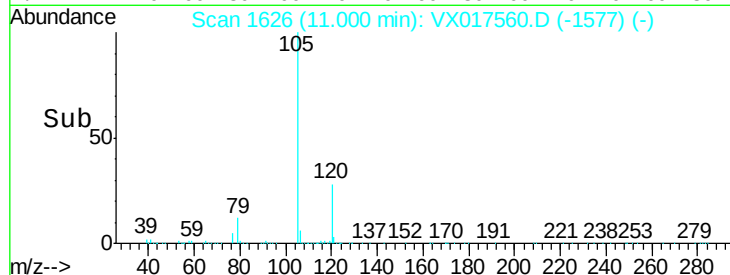
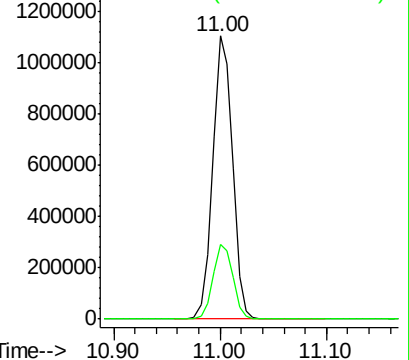
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.483 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion: 43 Resp: 751212

Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 23.5 18.4 27.6

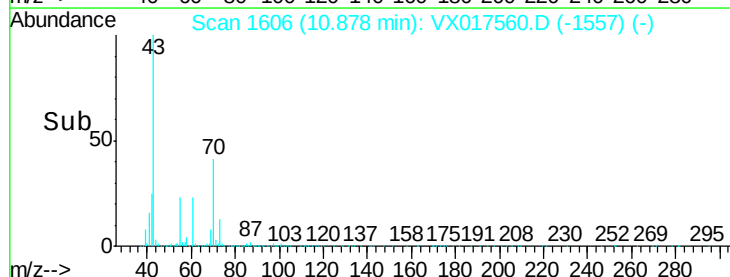
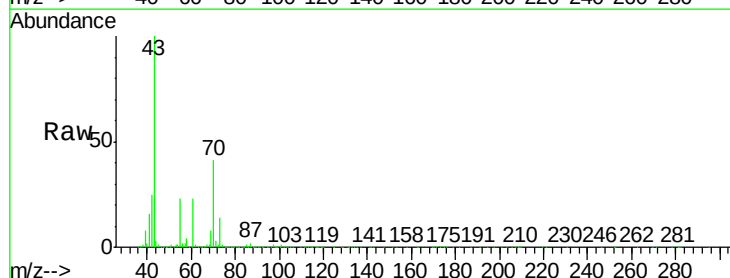
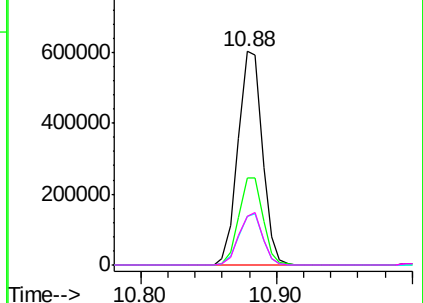
61 23.9 18.6 28.0

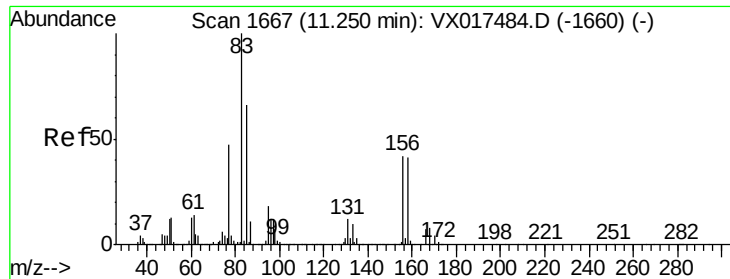
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.414 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

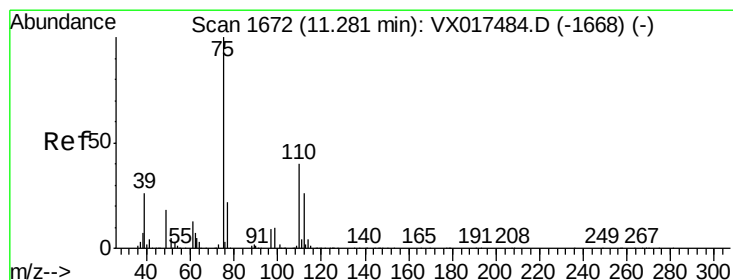
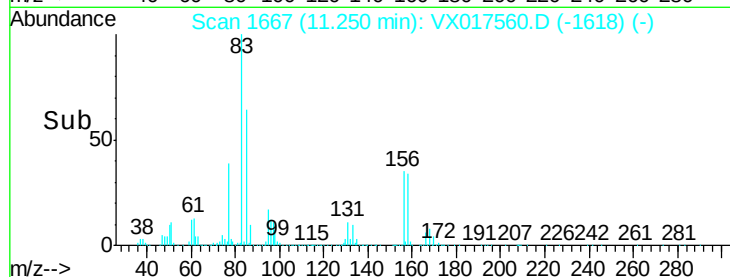
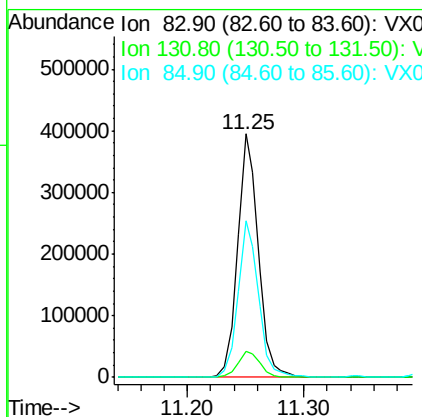
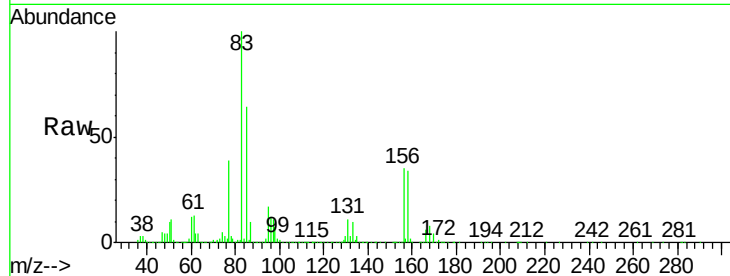
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.5
85	63.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.293 ug/l m

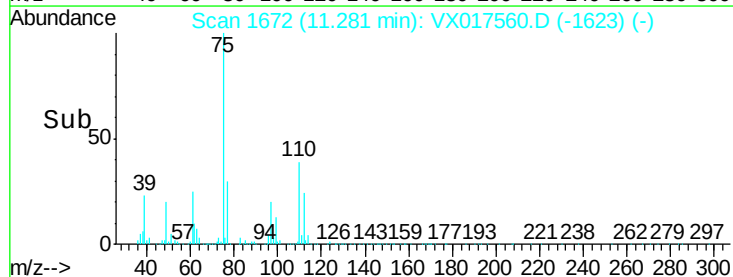
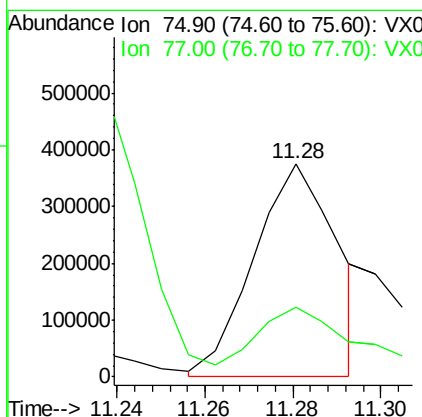
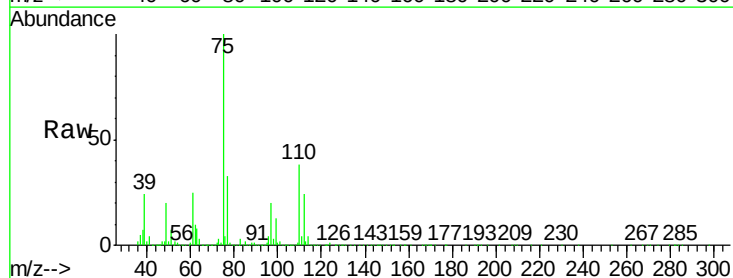
RT: 11.28 min Scan# 1672

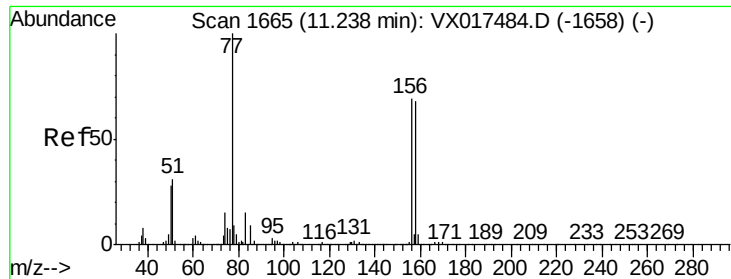
Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	40.3	21.8	65.3





#77

Bromobenzene

Concen: 48.153 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

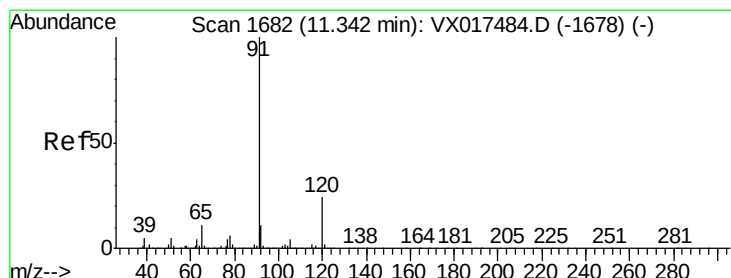
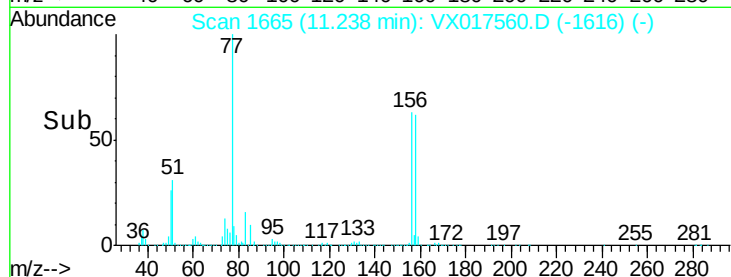
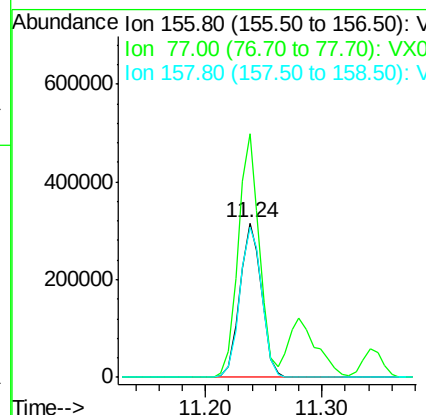
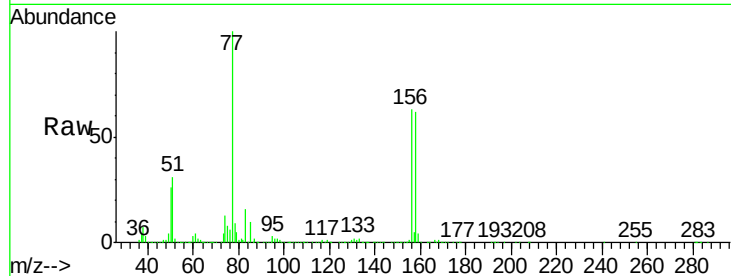
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	153.5	75.0	225.0
158	98.7	49.1	147.3

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#78

n-propylbenzene

Concen: 50.968 ug/l

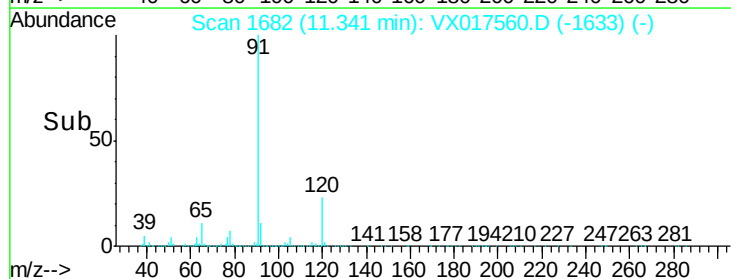
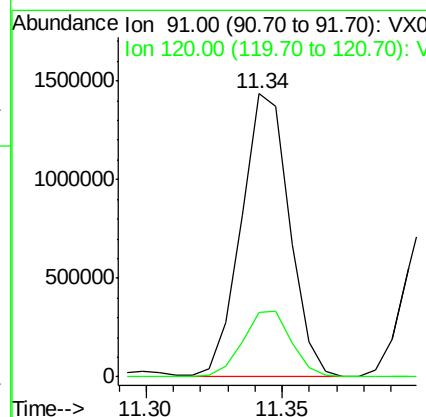
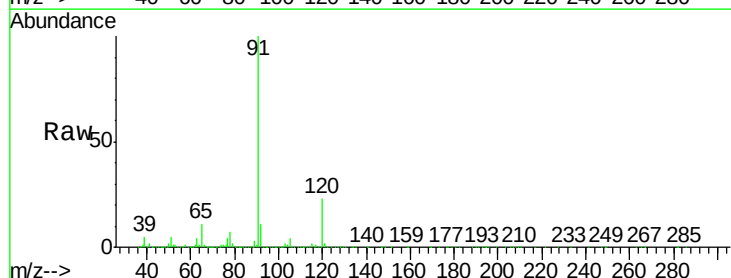
RT: 11.34 min Scan# 1682

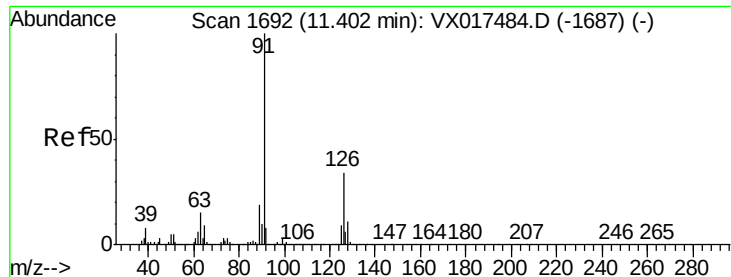
Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.2	36.4





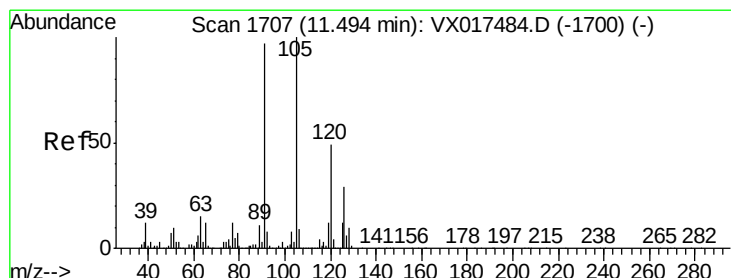
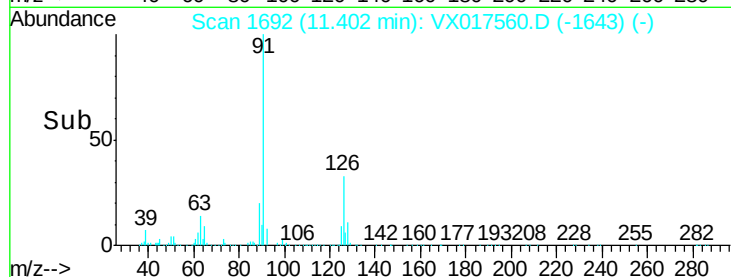
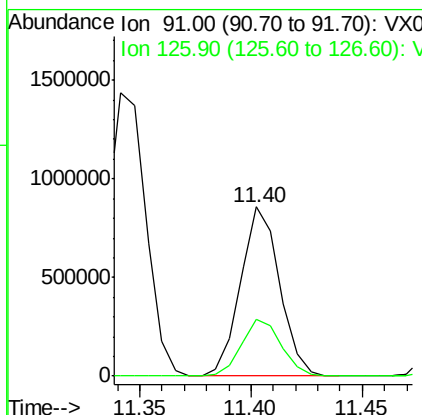
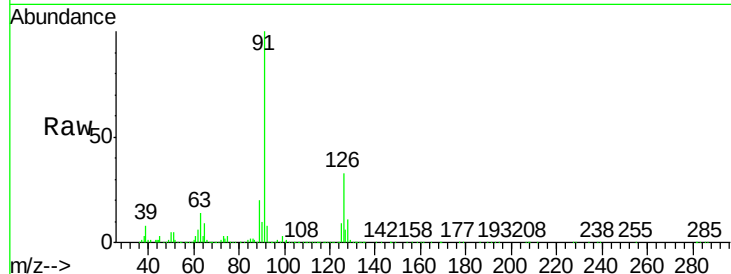
#79
 2-Chlorotoluene
 Concen: 49.159 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 1046609
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.5 52.5

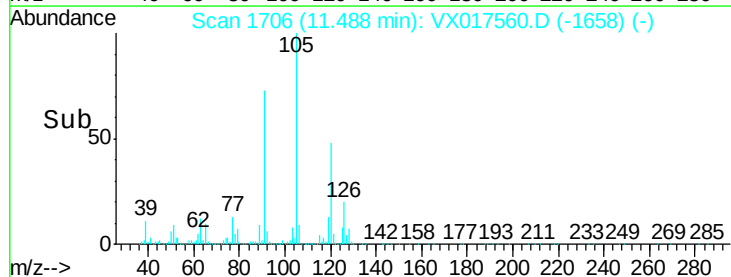
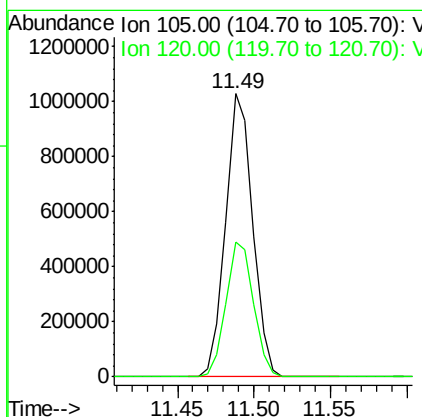
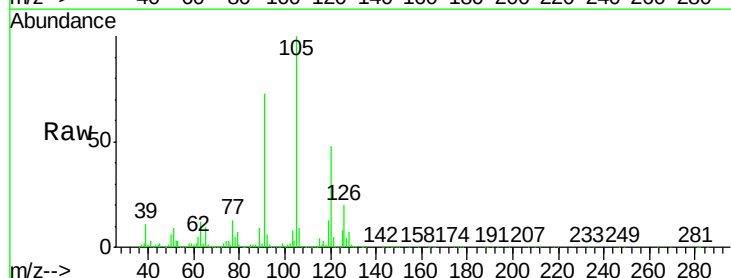
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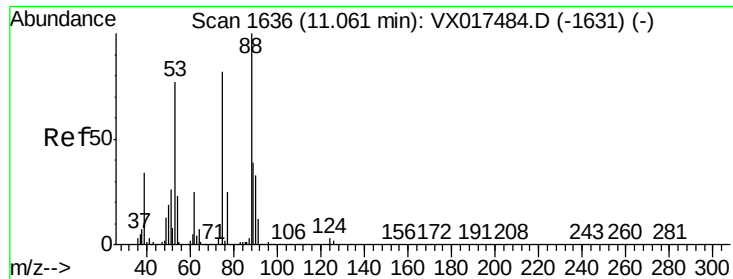
MMDadoda
 7/27/2020 11:03:12 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.414 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion: 105 Resp: 1259673
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.940 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Instrument :

MSVOA_X

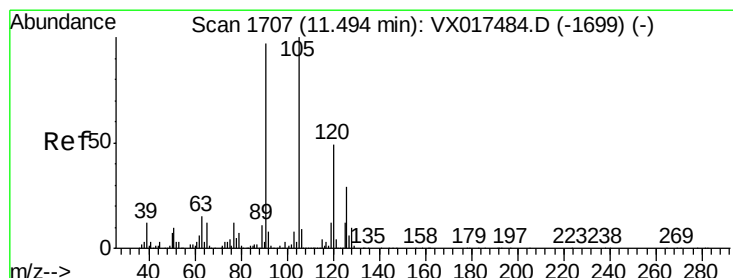
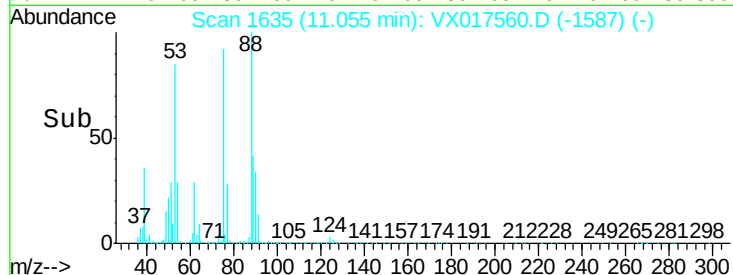
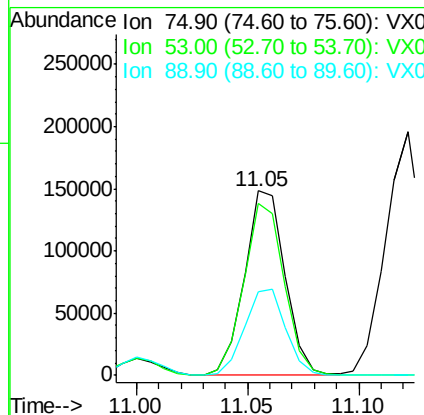
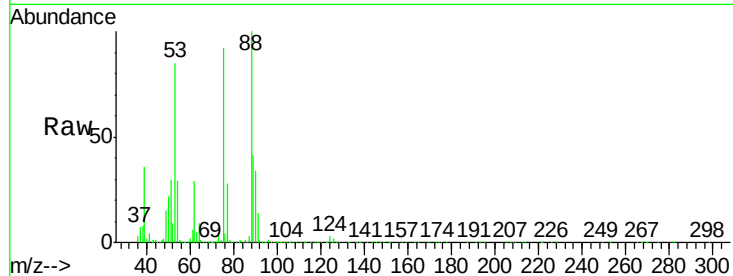
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.8	75.9	113.9
89	47.2	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.963 ug/l

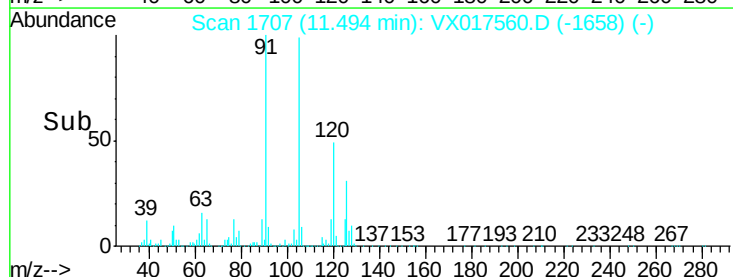
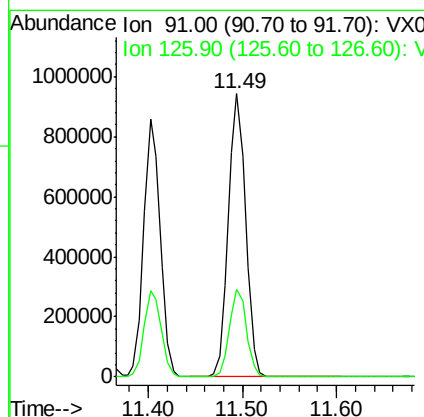
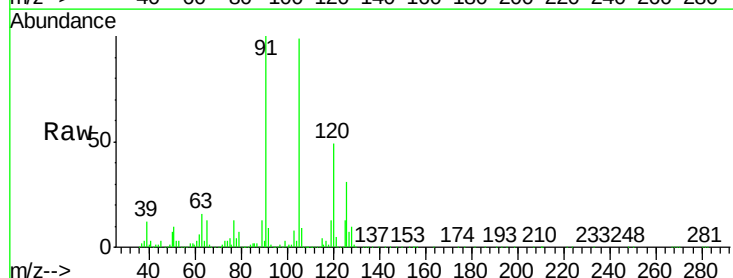
RT: 11.49 min Scan# 1707

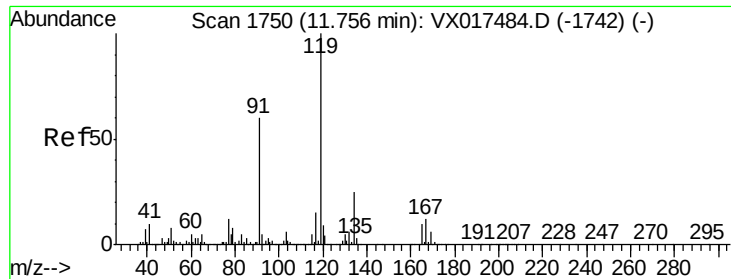
Delta R.T. -0.00 min

Lab File: VX017560.D

Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





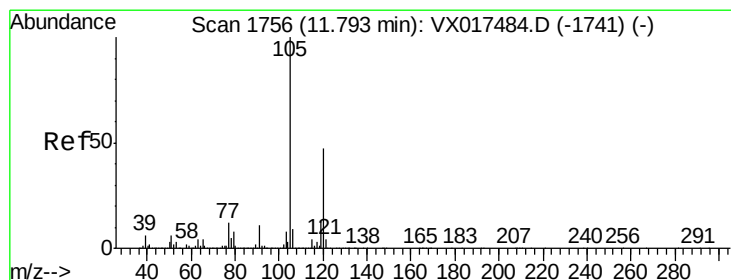
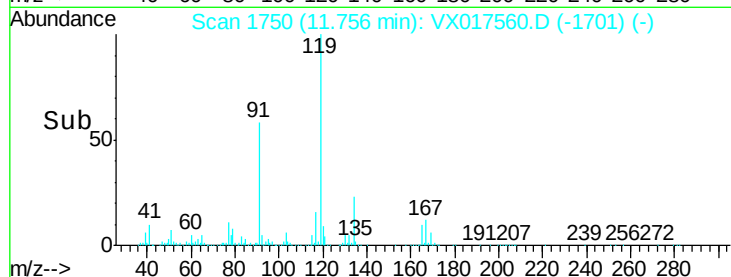
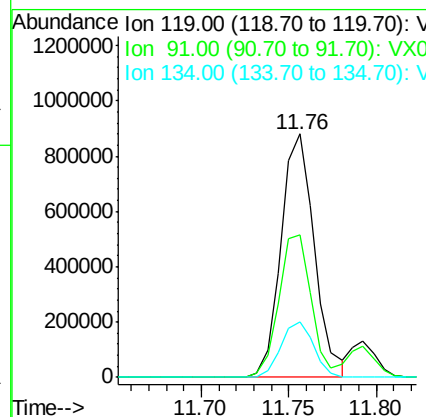
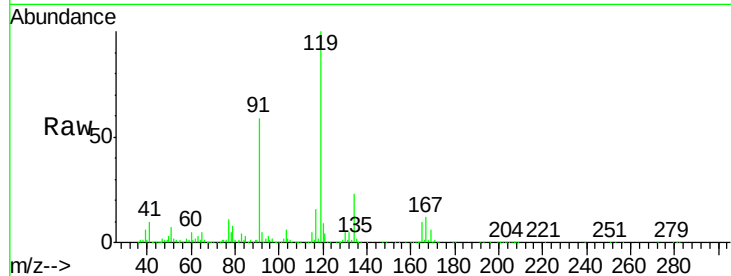
#83
 tert-Butylbenzene
 Concen: 46.871 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.9	29.3	88.0
134	22.4	11.2	33.6

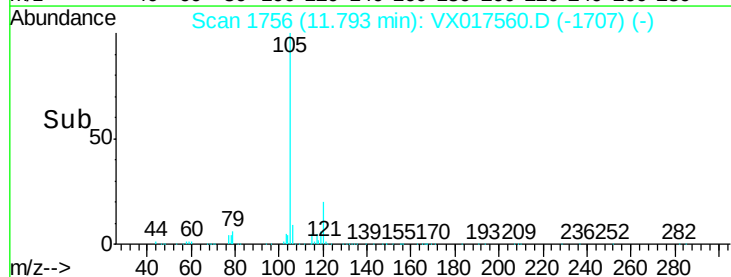
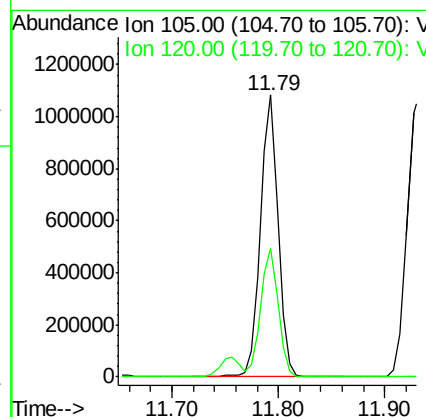
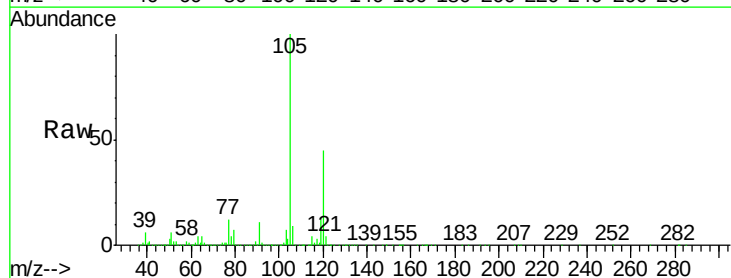
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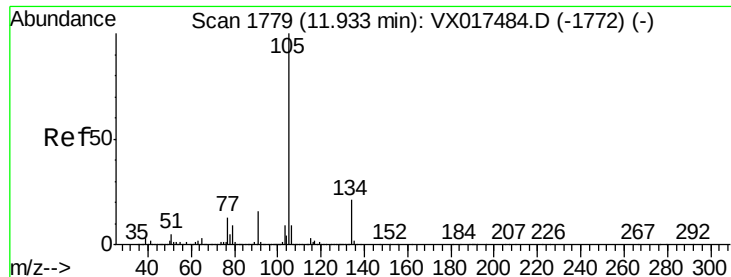
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.843 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.0





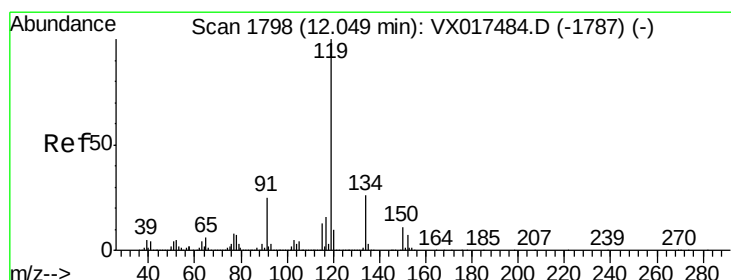
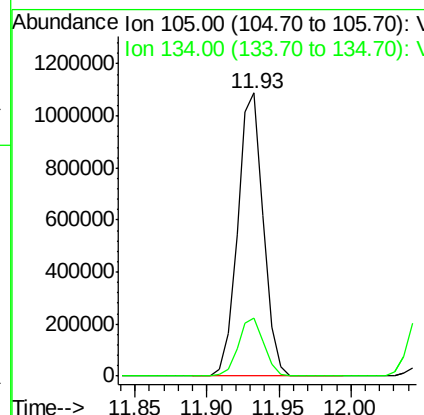
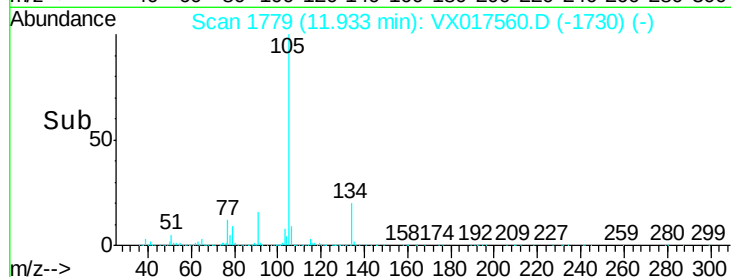
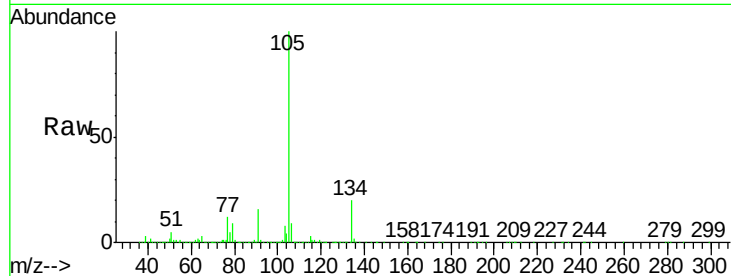
#85
 sec-Butylbenzene
 Concen: 46.539 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1349724
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2

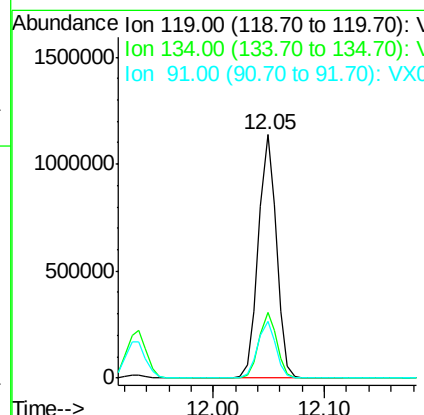
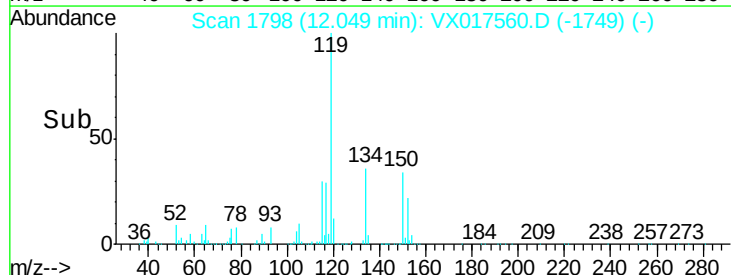
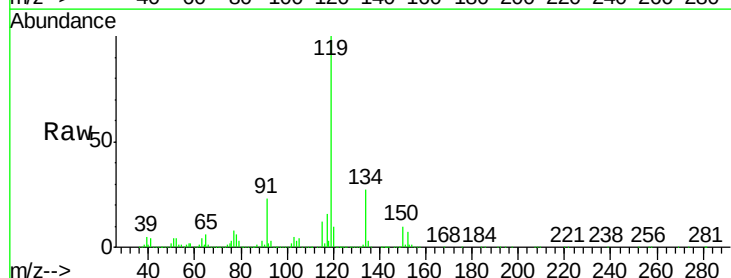
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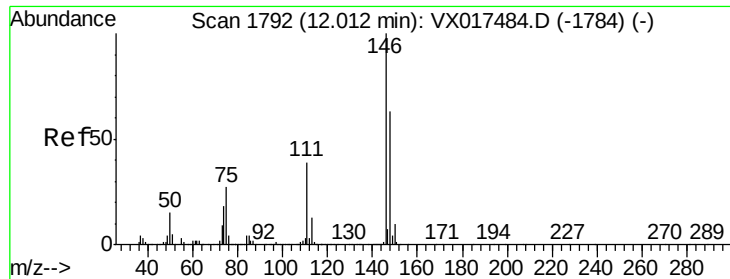
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#86
 p-Isopropyltoluene
 Concen: 46.693 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion:119 Resp: 1289599
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 23.3 12.1 36.3





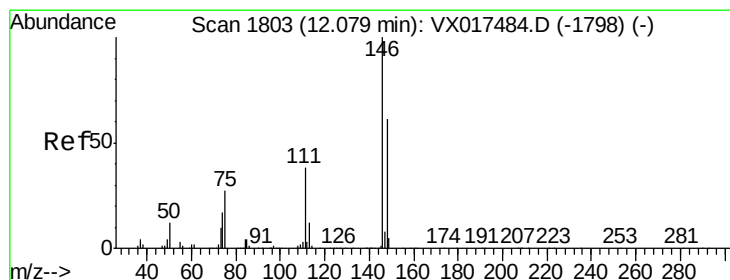
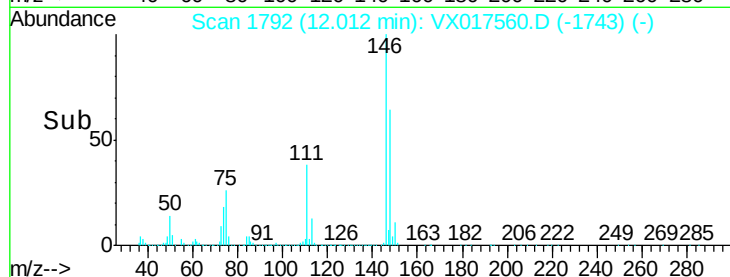
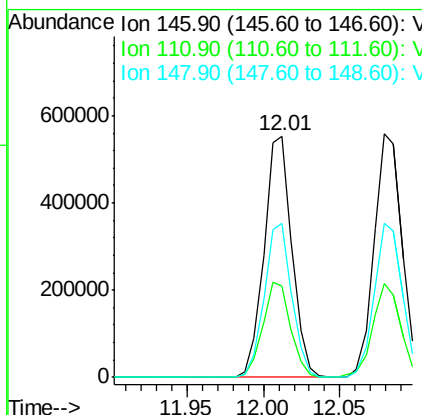
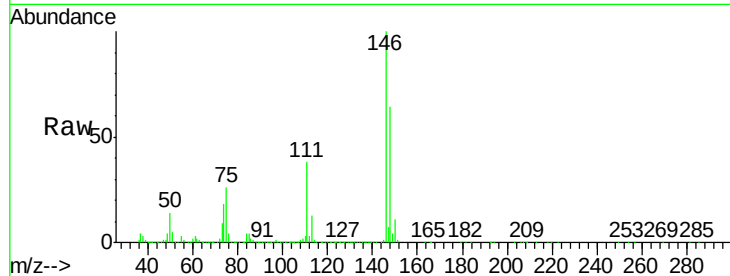
#87
 1,3-Dichlorobenzene
 Concen: 47.951 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	63.3	31.6	95.0

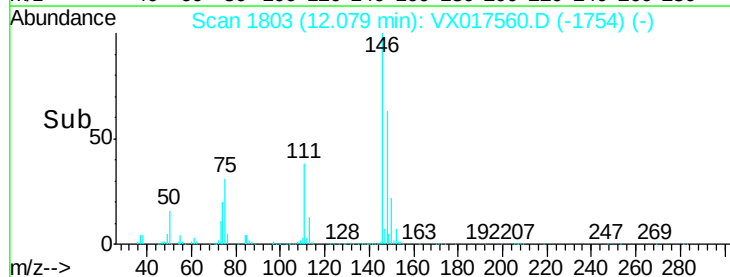
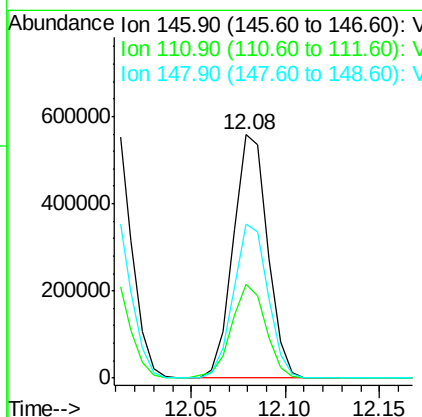
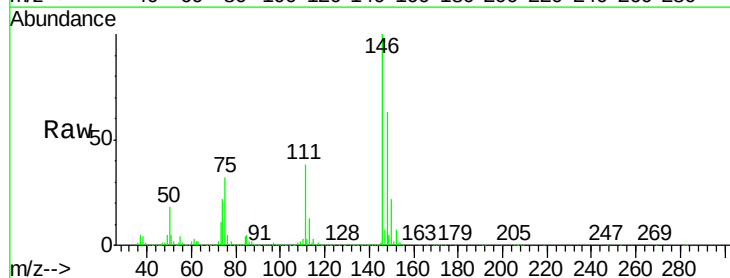
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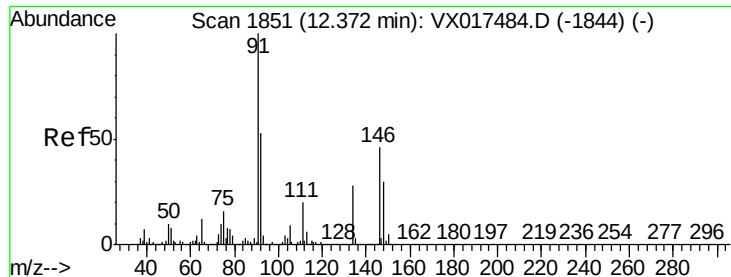
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#88
 1,4-Dichlorobenzene
 Concen: 46.568 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017560.D
 Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.6	32.2	96.6





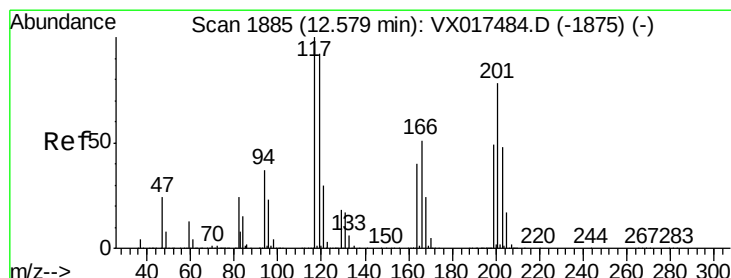
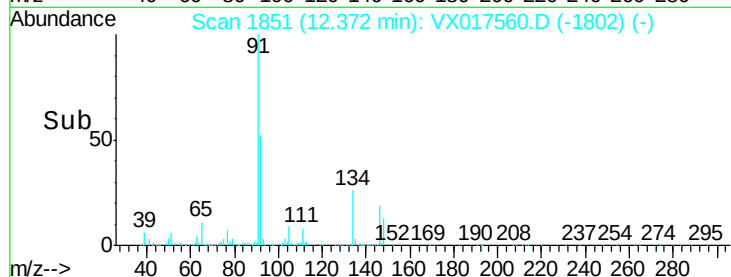
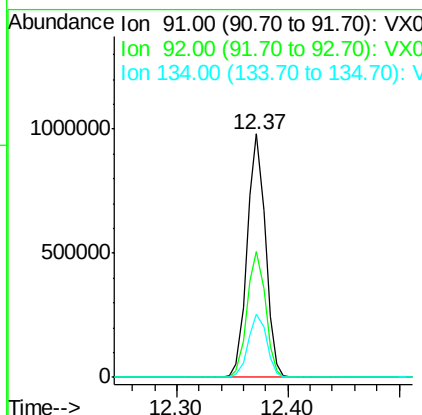
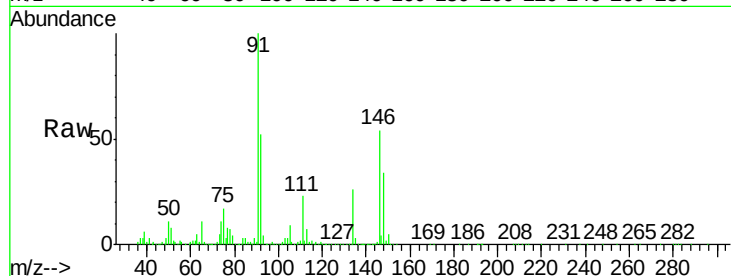
#89
n-Butylbenzene
Concen: 45.042 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.1
134	26.2	13.6	40.7

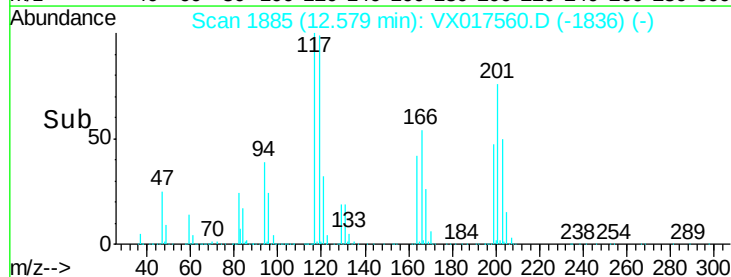
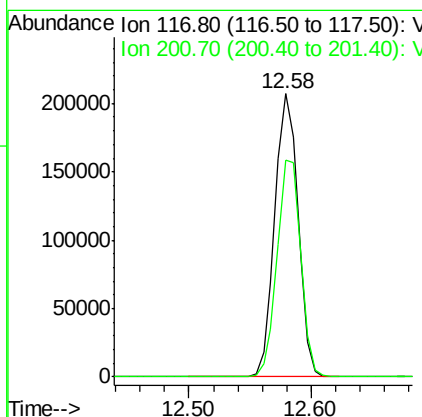
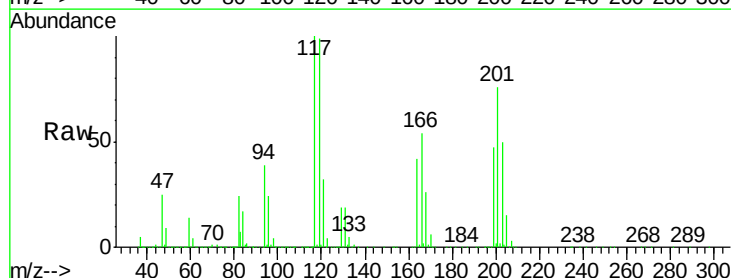
Manual Integrations
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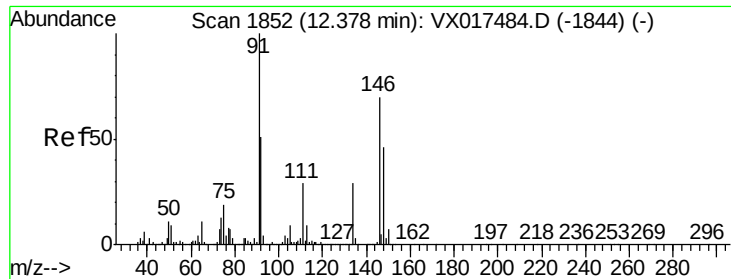
MMDadoda
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#90
Hexachloroethane
Concen: 50.361 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	42.2	126.6





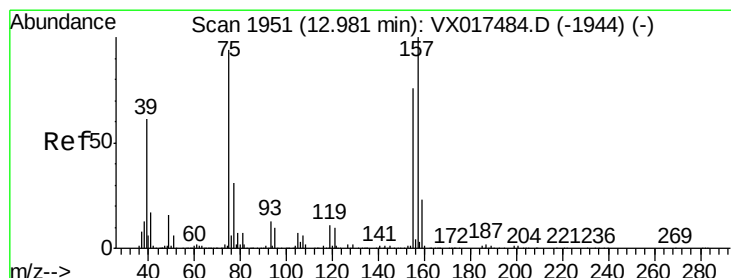
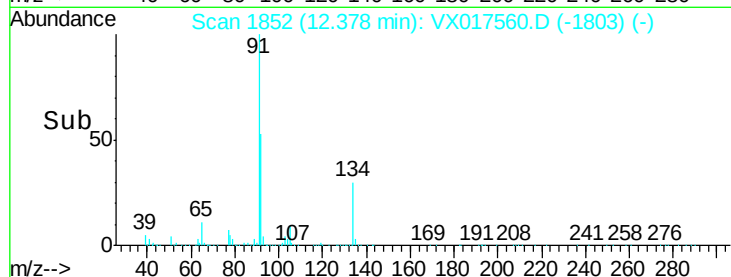
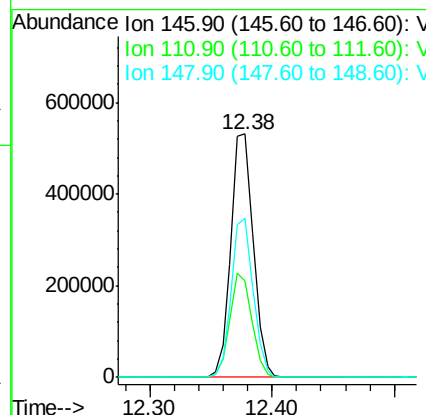
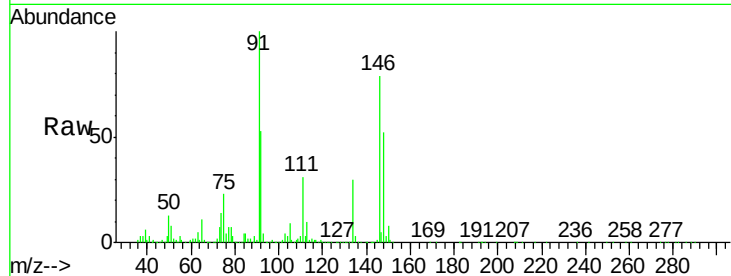
#91
1,2-Dichlorobenzene
Concen: 46.891 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	675155		
111	41.7	20.9	62.8	
148	63.7	32.8	98.4	

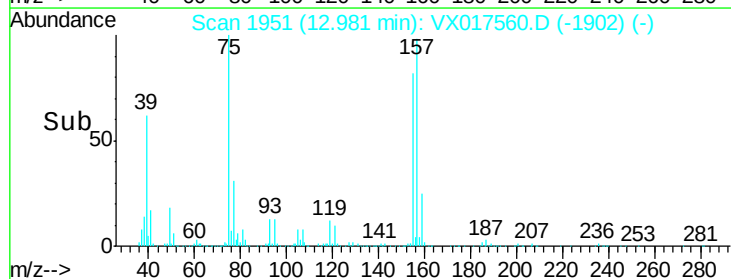
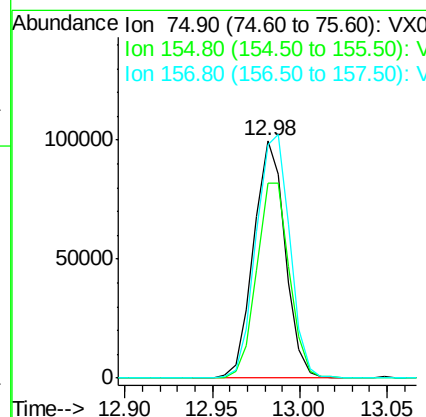
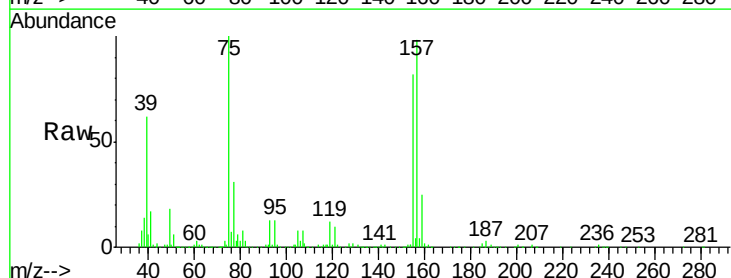
Manual Integrations
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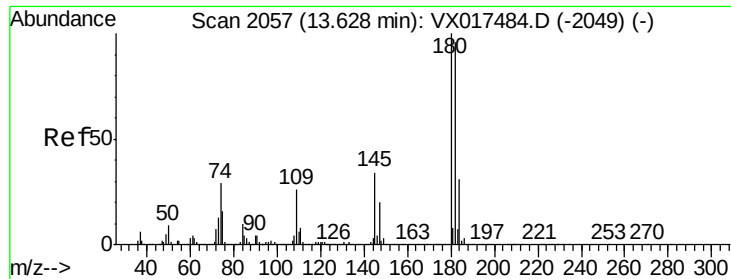
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 47.067 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126180		
155	85.5	42.3	126.8	
157	109.7	54.3	162.9	





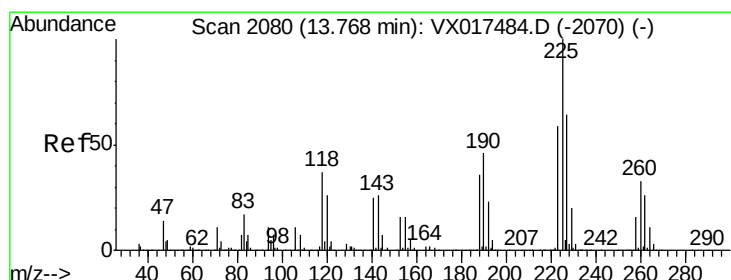
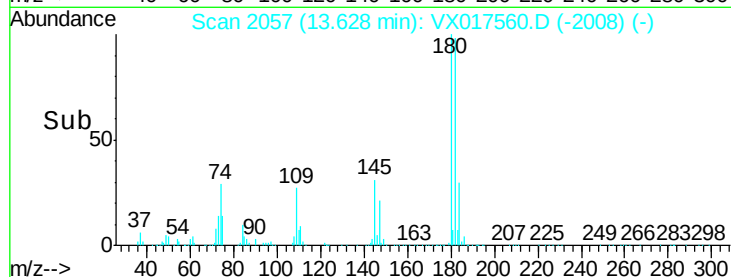
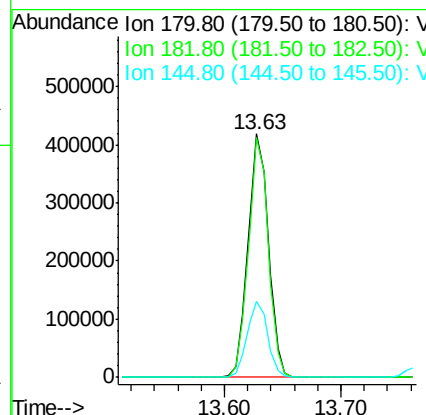
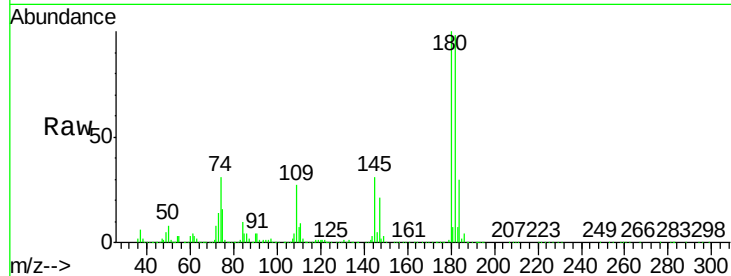
#93
1,2,4-Trichlorobenzene
Concen: 52.437 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	515286		
182	95.7	47.5	142.6	
145	31.5	15.4	46.4	

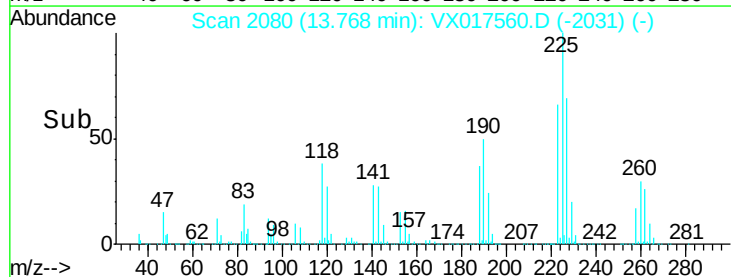
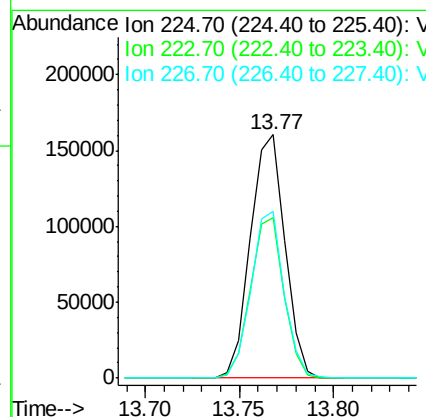
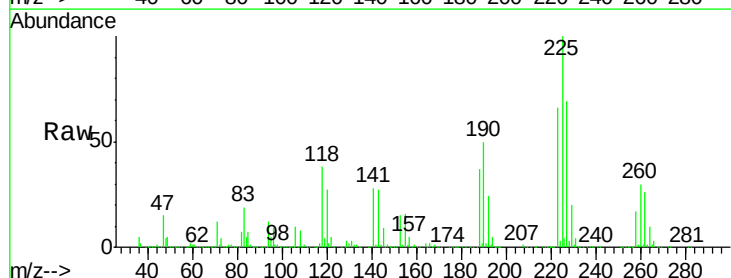
Manual Integrations
APPROVED

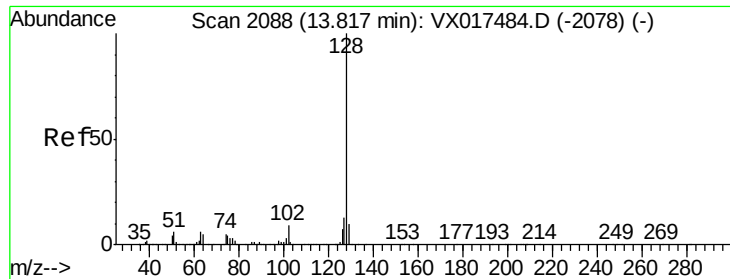
MMDadoda
7/27/2020 11:03:12 AM



#94
Hexachlorobutadiene
Concen: 45.109 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204050		
223	63.9	30.3	90.9	
227	65.3	31.1	93.2	





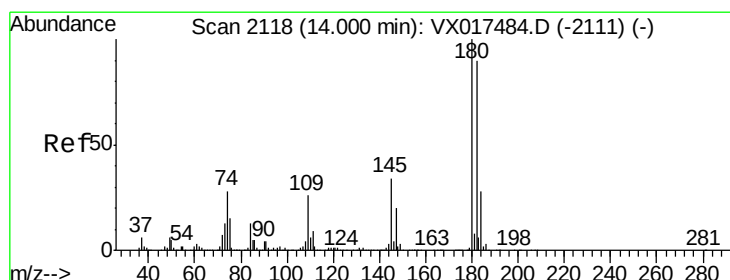
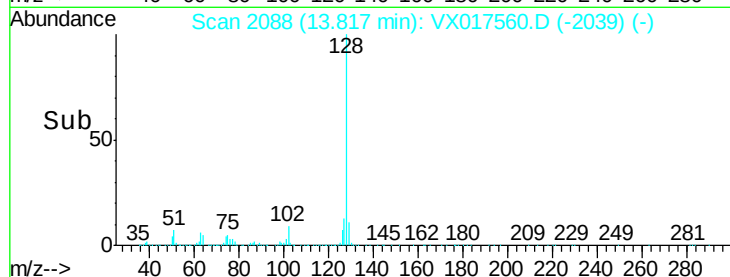
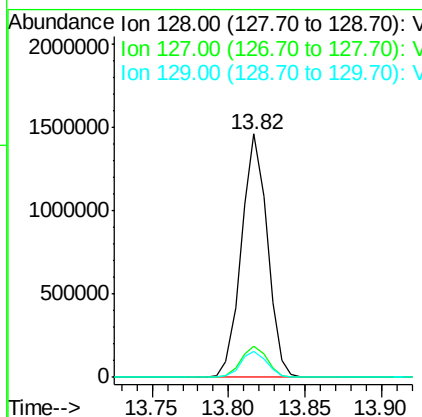
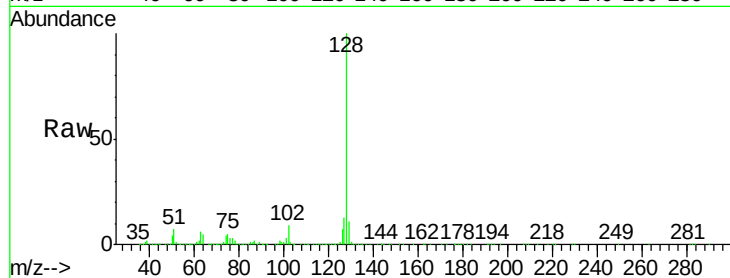
#95
Naphthalene
Concen: 58.365 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:03:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.229 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017560.D
Acq: 25 Jul 2020 00:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.4	142.3
145	32.0	16.3	48.9

