

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017588.D
 Acq On : 25 Jul 2020 12:12
 Operator : JC/SP
 Sample : VX0724WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:02:20 AM

Quant Time: Jul 27 03:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	517638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	813308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	784698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393661	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	378466	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.84%		
35) Dibromofluoromethane	5.47	113	296997	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.20%		
50) Toluene-d8	8.70	98	967713	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.64%		
62) 4-Bromofluorobenzene	11.12	95	366220	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.26%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	102167	20.677	ug/l	98
3) Chloromethane	1.31	50	123711	19.559	ug/l	99
4) Vinyl Chloride	1.39	62	122516	18.809	ug/l	97
5) Bromomethane	1.63	94	90073	24.153	ug/l	99
6) Chloroethane	1.72	64	76857	20.954	ug/l	97
7) Trichlorofluoromethane	1.92	101	190958	18.638	ug/l	94
8) Diethyl Ether	2.17	74	69826	20.210	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101352	18.026	ug/l	98
10) Methyl Iodide	2.49	142	111572	15.511	ug/l	97
11) Tert butyl alcohol	3.01	59	157739	112.559	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106369	19.895	ug/l	96
13) Acrolein	2.27	56	75566	73.603	ug/l	97
14) Allyl chloride	2.71	41	185429	18.993	ug/l	100
15) Acrylonitrile	3.12	53	317976	105.052	ug/l	99
16) Acetone	2.42	43	316589	108.177	ug/l	99
17) Carbon Disulfide	2.55	76	291515	17.938	ug/l	98
18) Methyl Acetate	2.75	43	147244	21.363	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	376182	20.328	ug/l	99
20) Methylene Chloride	2.84	84	124003	21.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	111910	19.538	ug/l	95
22) Diisopropyl ether	3.82	45	368594	20.648	ug/l #	85
23) Vinyl Acetate	3.79	43	1646633	103.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211019	20.521	ug/l	98
25) 2-Butanone	4.64	43	469845	113.011	ug/l	100
26) 2,2-Dichloropropane	4.55	77	100332	10.900	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	126640	20.356	ug/l	93
28) Bromochloromethane	4.98	49	91382	19.610	ug/l	97
29) Tetrahydrofuran	5.09	42	305390	118.585	ug/l	99
30) Chloroform	5.18	83	215504	20.510	ug/l	92
31) Cyclohexane	5.55	56	164496	20.060	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	201249	20.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	148084	18.984	ug/l	99
37) Ethyl Acetate	4.80	43	176149	20.639	ug/l	98
38) Carbon Tetrachloride	5.76	117	177930	18.784	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161600	17.747	ug/l	98
40) Benzene	6.12	78	423571	18.940	ug/l	99
41) Methacrylonitrile	5.00	41	98666	20.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	184958	20.216	ug/l	98
43) Isopropyl Acetate	6.42	43	272327	19.339	ug/l	99
44) Trichloroethene	7.19	130	129614	19.832	ug/l	98
45) 1,2-Dichloropropane	7.49	63	124831	20.136	ug/l	97
46) Dibromomethane	7.64	93	89342	20.392	ug/l	100
47) Bromodichloromethane	7.87	83	179780	20.393	ug/l	97
48) Methyl methacrylate	7.74	41	145250	20.809	ug/l	96
49) 1,4-Dioxane	7.71	88	65453	489.081	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	862678	102.674	ug/l	99
52) Toluene	8.77	92	264126	18.416	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173640	17.596	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182981	18.179	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	117798	19.717	ug/l	99
56) Ethyl methacrylate	9.16	69	173251	19.248	ug/l	98
57) 1,3-Dichloropropane	9.35	76	190625	19.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412200	86.922	ug/l	100
59) 2-Hexanone	9.48	43	664705	105.077	ug/l	99
60) Dibromochloromethane	9.57	129	143795	18.936	ug/l	99
61) 1,2-Dibromoethane	9.65	107	127255	20.006	ug/l	99
64) Tetrachloroethene	9.32	164	131022	18.603	ug/l	96
65) Chlorobenzene	10.12	112	313843	18.478	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	18.868	ug/l	99
67) Ethyl Benzene	10.24	91	530612	18.715	ug/l	99
68) m/p-Xylenes	10.34	106	405278	36.898	ug/l	98
69) o-Xylene	10.68	106	190996	18.080	ug/l	98
70) Styrene	10.70	104	331336	18.435	ug/l	99
71) Bromoform	10.84	173	106479	17.929	ug/l #	98
73) Isopropylbenzene	11.00	105	473710	17.541	ug/l	98
74) N-amyl acetate	10.88	43	229367	19.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154638	18.345	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153360m	18.939	ug/l	
77) Bromobenzene	11.24	156	134436	17.782	ug/l	98
78) n-propylbenzene	11.34	91	519802	17.066	ug/l	99
79) 2-Chlorotoluene	11.40	91	324793	17.214	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	402550	17.458	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47429	14.758	ug/l	93
82) 4-Chlorotoluene	11.49	91	388936	17.475	ug/l	99
83) tert-Butylbenzene	11.76	119	430318	19.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	442782	19.307	ug/l	100
85) sec-Butylbenzene	11.93	105	461290	17.948	ug/l	99
86) p-Isopropyltoluene	12.05	119	445654	18.208	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	250286	19.278	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	247448	18.400	ug/l	97
89) n-Butylbenzene	12.37	91	386460	17.720	ug/l	99
90) Hexachloroethane	12.58	117	95144	19.717	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	241073	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44778	20.392	ug/l	100

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ClientSampleId :
VX0724WBS03

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	170924	19.627	ug/l	99
94) Hexachlorobutadiene	13.76	225	72036	17.970	ug/l	98
95) Naphthalene	13.82	128	537437	20.673	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	167929	19.530	ug/l	100

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

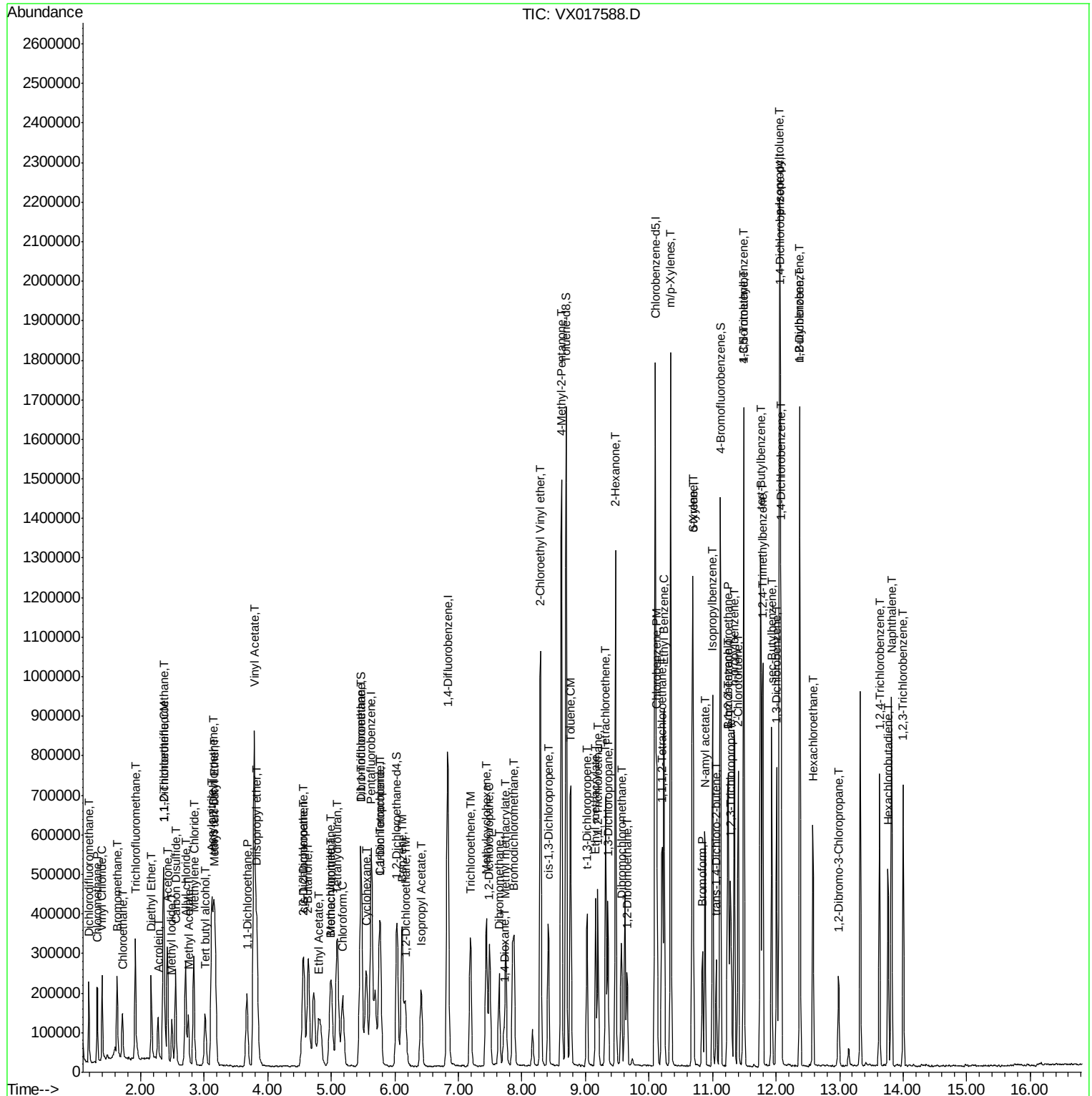
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Data File : VX017588.D
Acq On : 25 Jul 2020 12:12
Operator : JC/SP
Sample : VX0724WBS03
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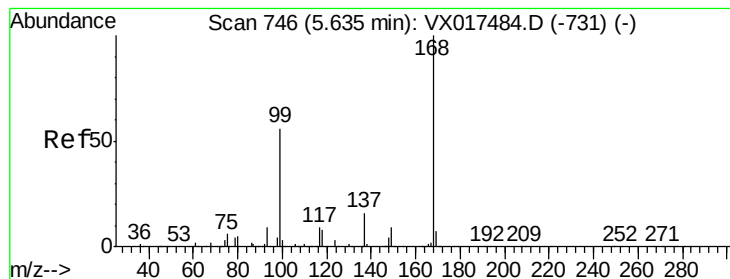
Instrument :
MSVOA_X
ClientSampleID :
VX0724WBS03

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion:168 Resp: 517638

Ion Ratio Lower Upper

168 100

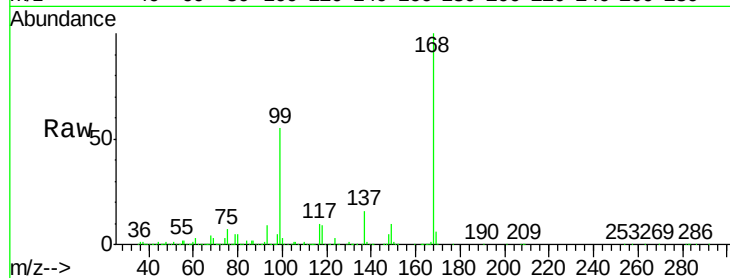
99 55.3 43.4 65.2

Manual Integrations

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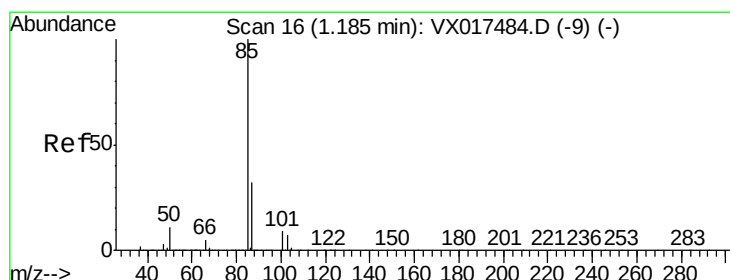
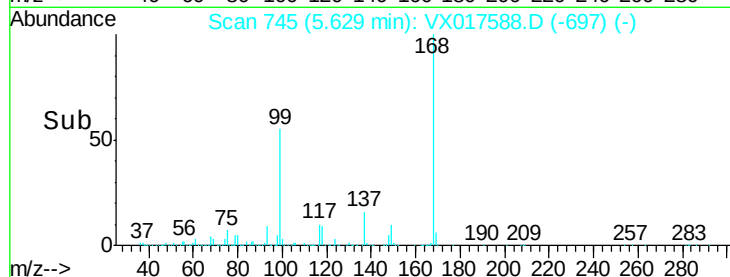
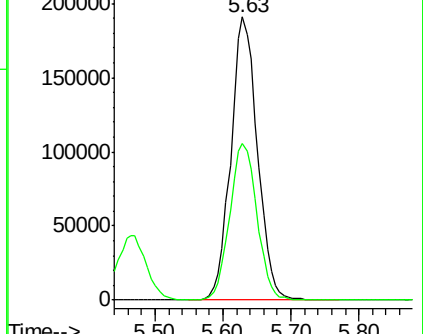
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.677 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017588.D

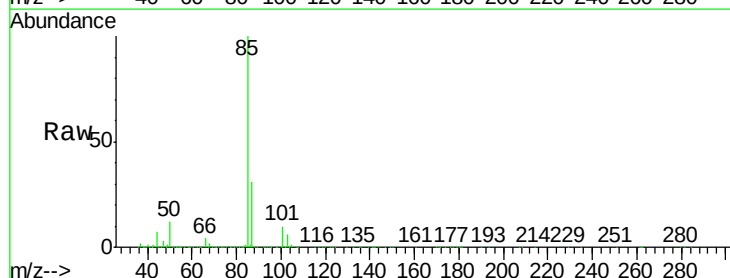
Acq: 25 Jul 2020 12:12

Tgt Ion: 85 Resp: 102167

Ion Ratio Lower Upper

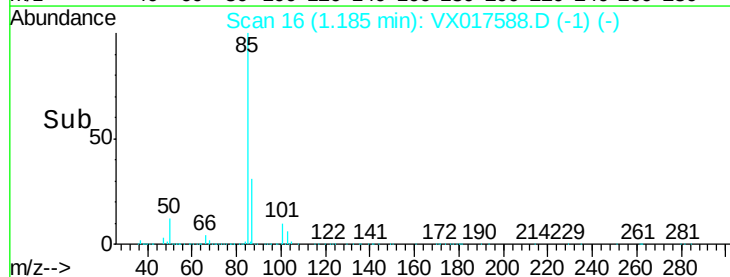
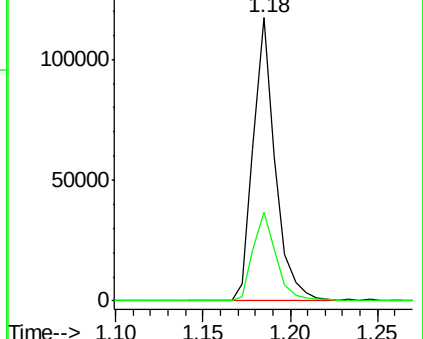
85 100

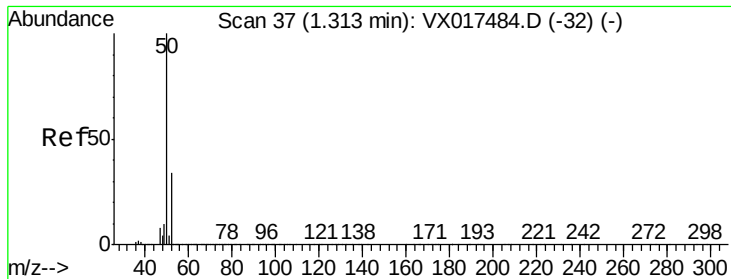
87 31.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





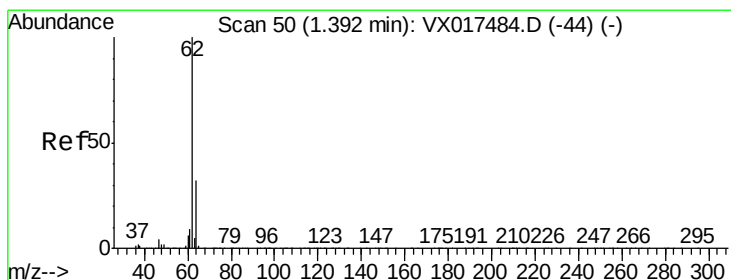
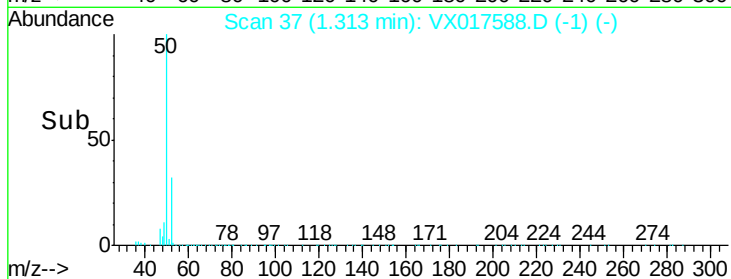
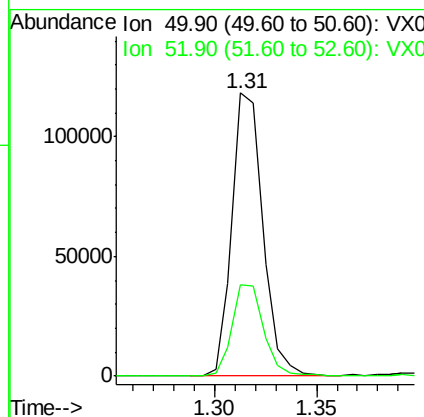
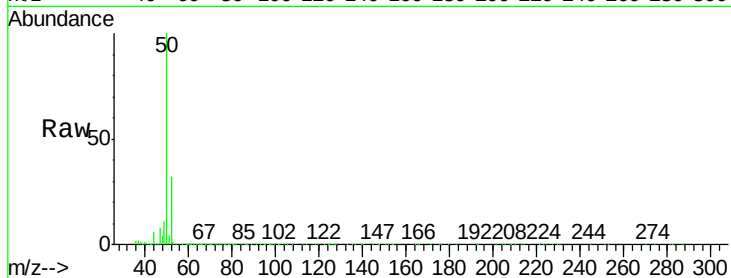
#3
Chloromethane
Concen: 19.559 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.9	38.9

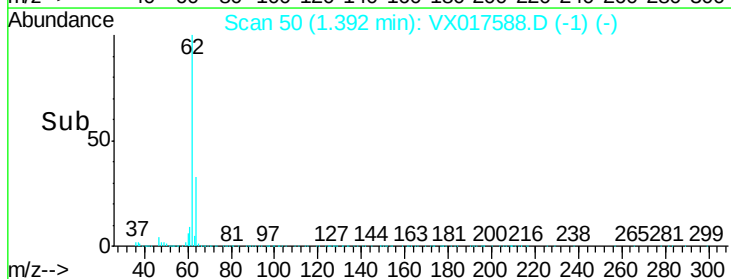
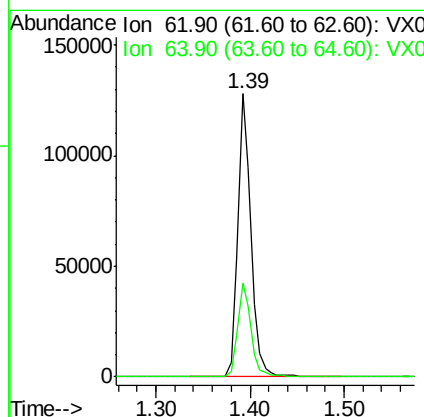
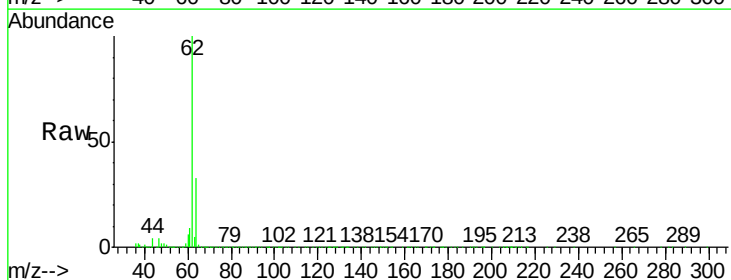
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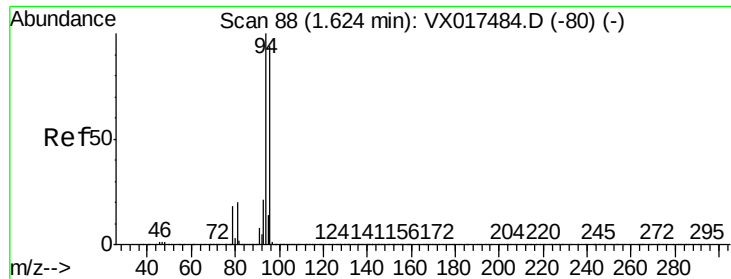
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#4
Vinyl Chloride
Concen: 18.809 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.2	37.8





#5

Bromomethane

Concen: 24.153 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

VX0724WBS03

Tgt Ion: 94 Resp: 90073

Ion Ratio Lower Upper

94 100

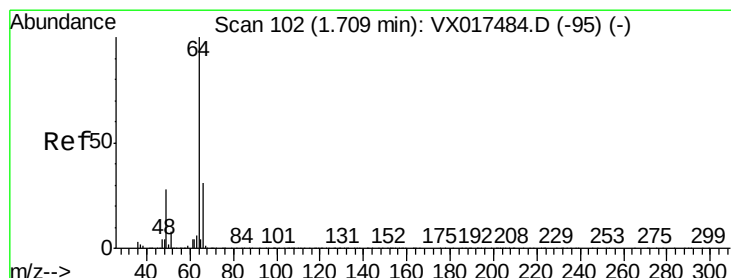
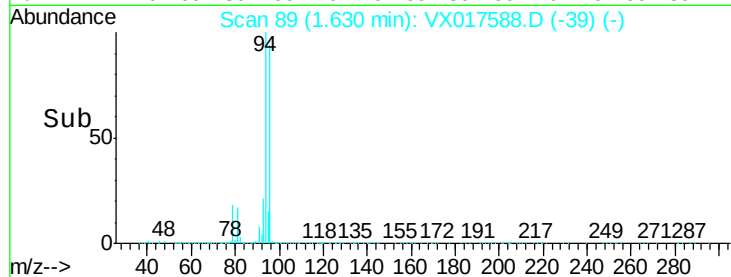
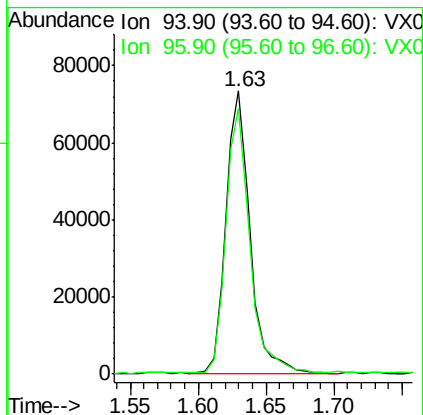
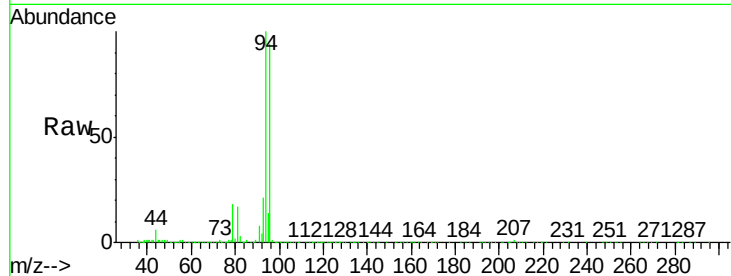
96 93.8 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 20.954 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017588.D

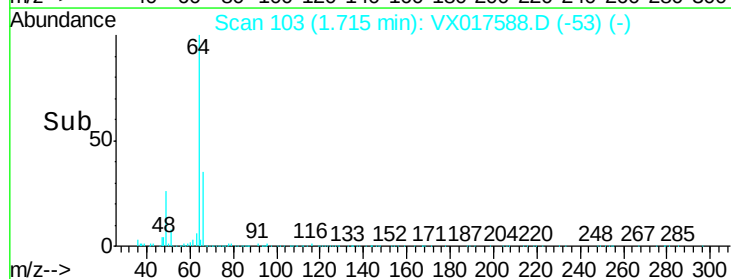
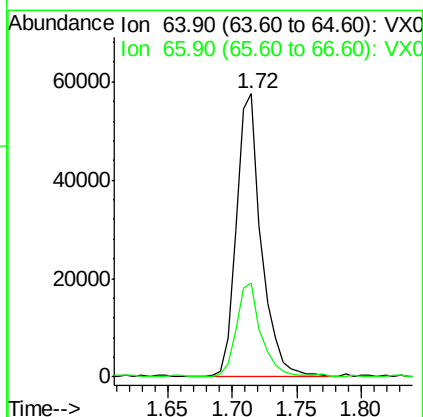
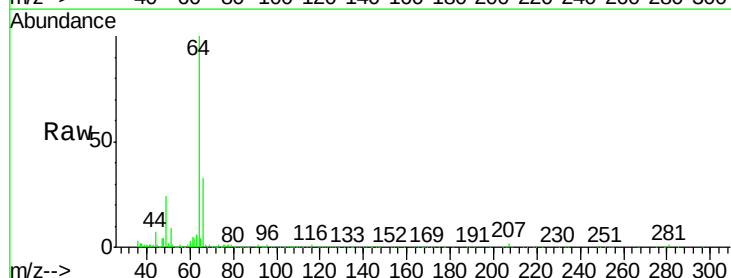
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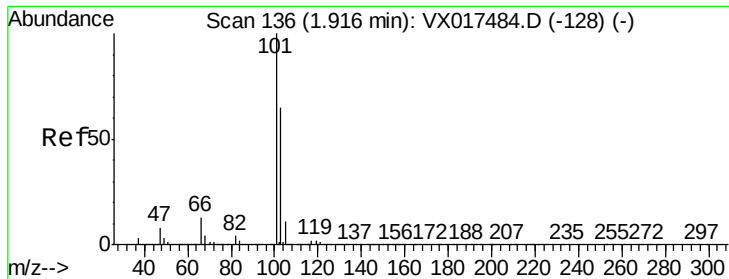
Tgt Ion: 64 Resp: 76857

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3





#7

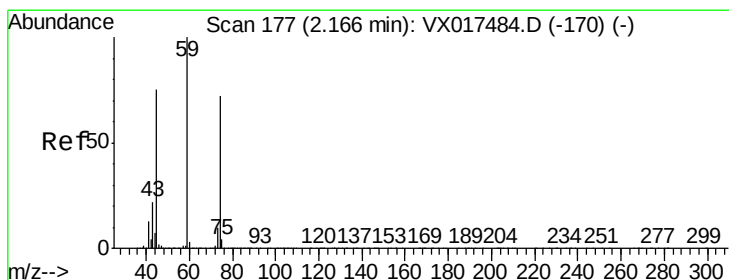
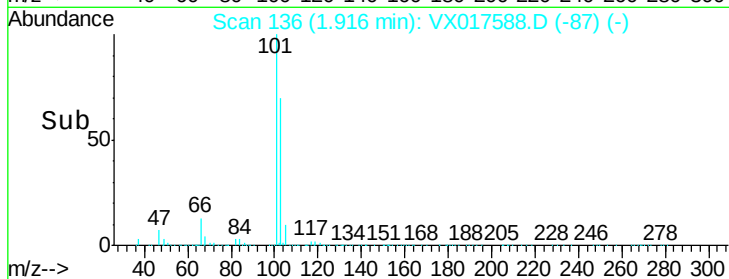
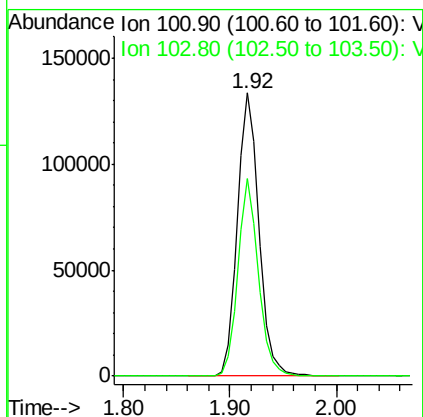
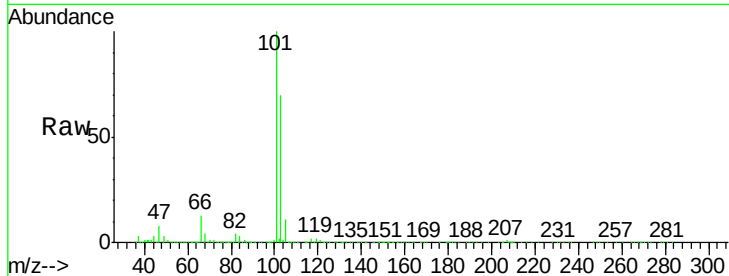
Trichlorofluoromethane
Concen: 18.638 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
101	100		
103	69.6	51.8	77.8

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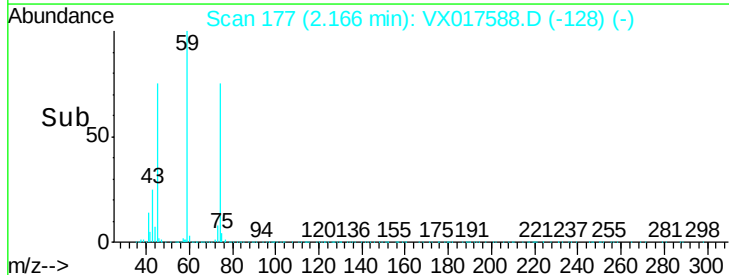
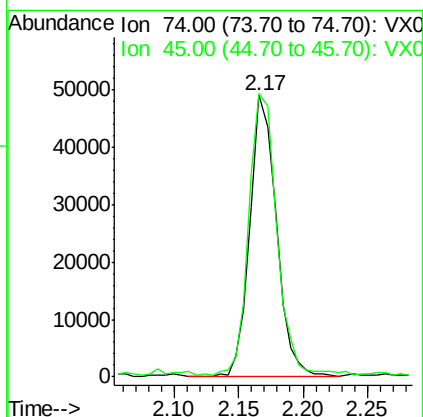
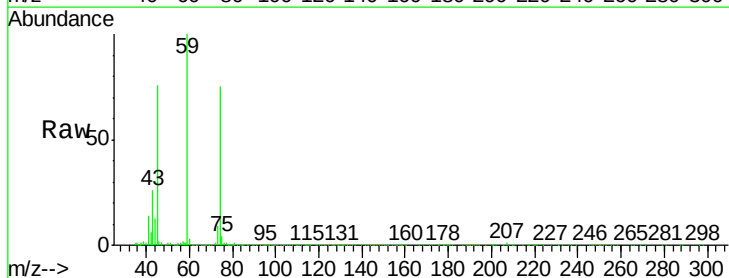
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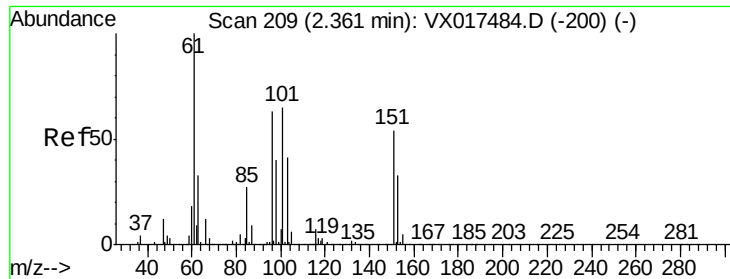


#8

Diethyl Ether
Concen: 20.210 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.026 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

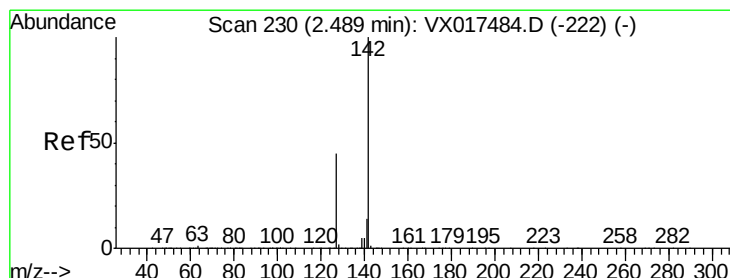
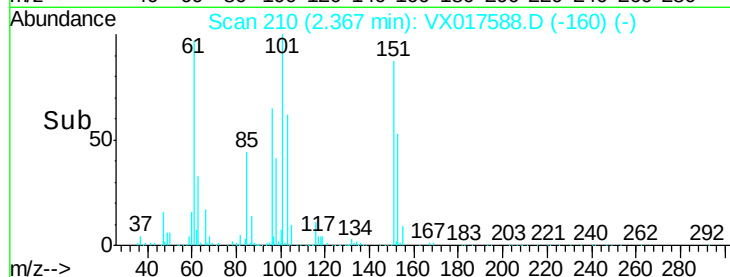
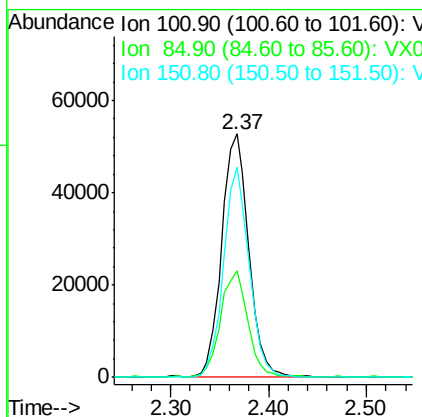
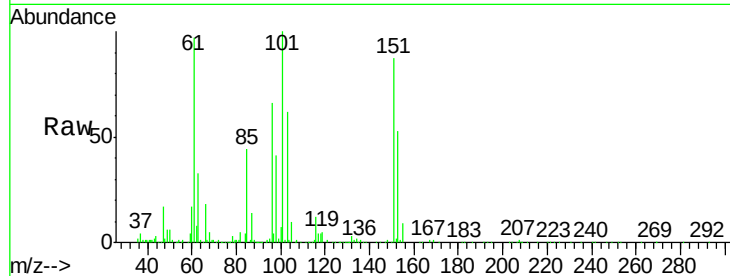
ClientSampleId :

VX0724WBS03

Tgt Ion:	101	Resp:	101352
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.8	52.2
151	82.0	68.0	102.0

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#10

Methyl Iodide

Concen: 15.511 ug/l

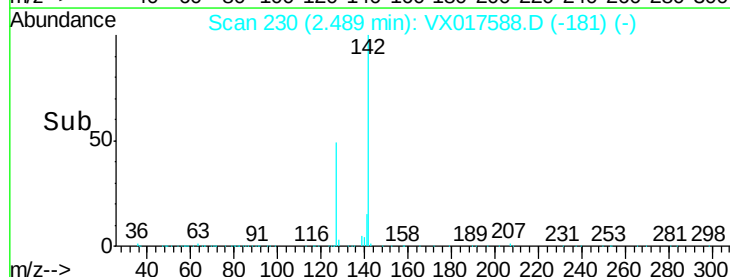
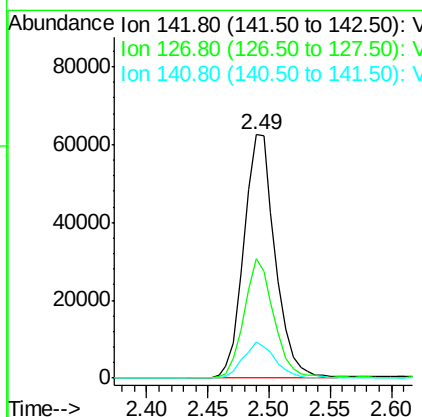
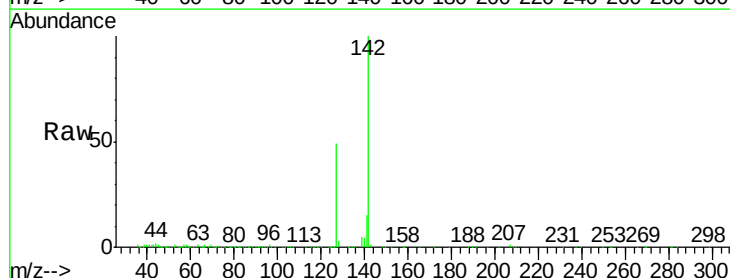
RT: 2.49 min Scan# 230

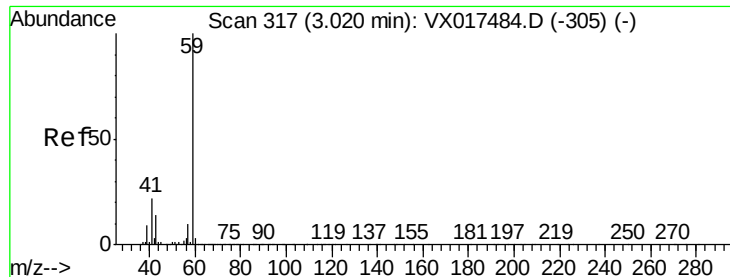
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	142	Resp:	111572
Ion Ratio	Lower	Upper	
142	100		
127	46.9	35.9	53.9
141	14.9	11.4	17.0





#11

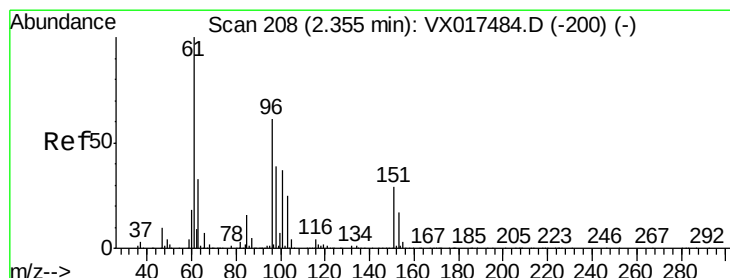
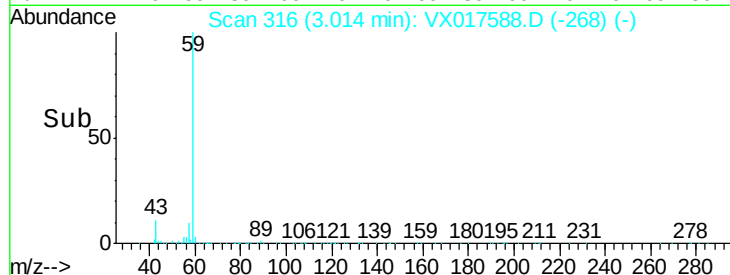
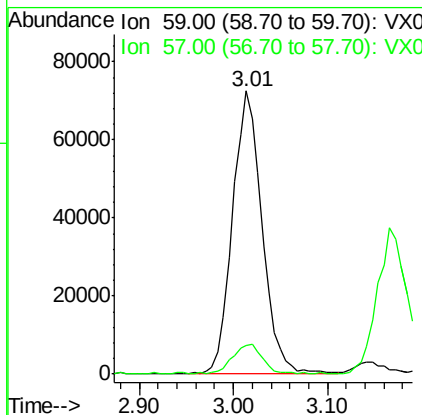
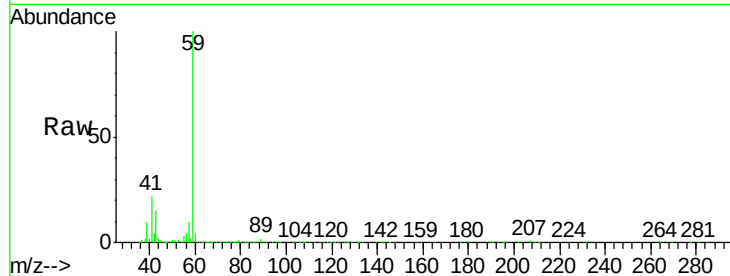
Tert butyl alcohol
Concen: 112.559 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion: 59 Resp: 157739
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

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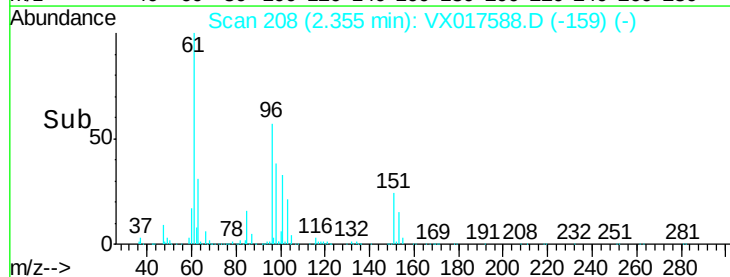
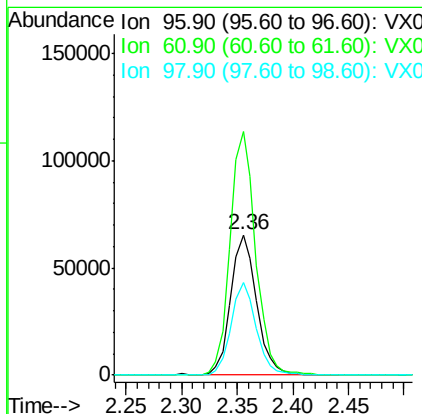
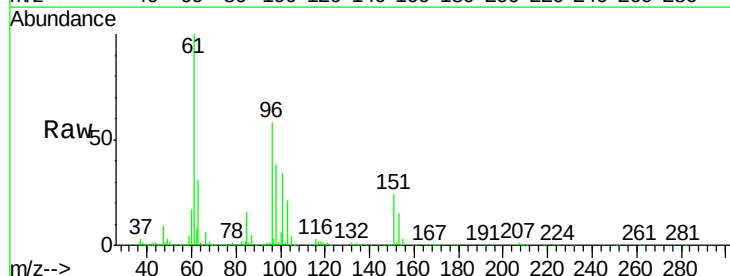
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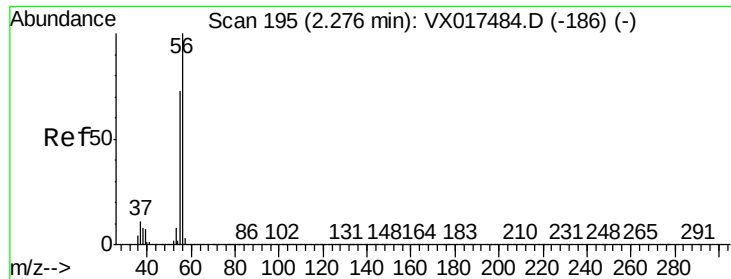


#12

1,1-Dichloroethene
Concen: 19.895 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 96 Resp: 106369
Ion Ratio Lower Upper
96 100
61 173.3 134.0 201.0
98 65.9 51.0 76.4





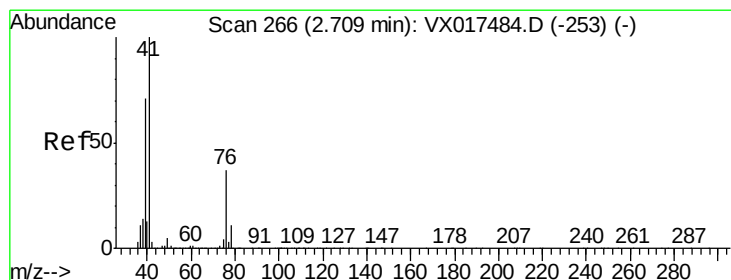
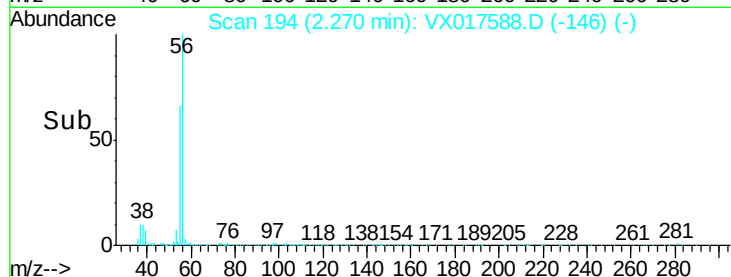
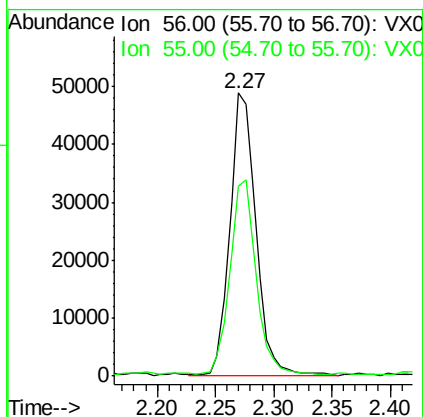
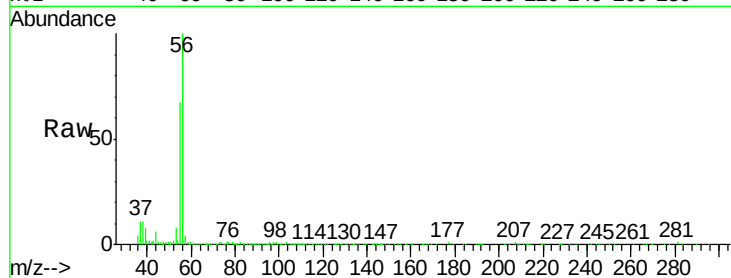
#13
Acrolein
Concen: 73.603 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.3	57.4	86.2

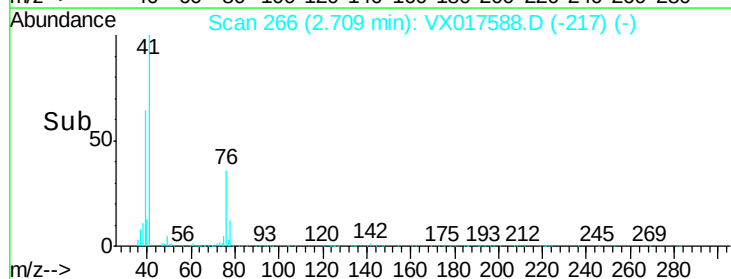
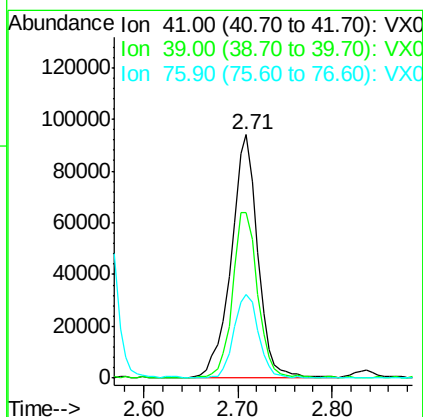
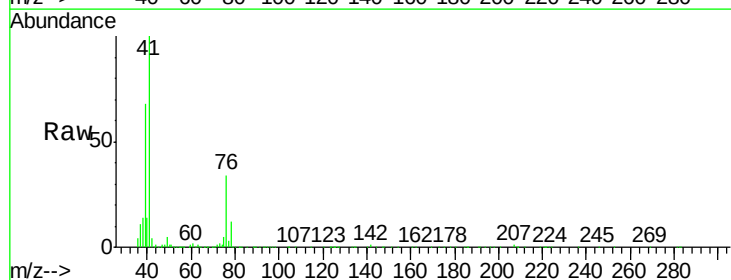
Manual Integrations
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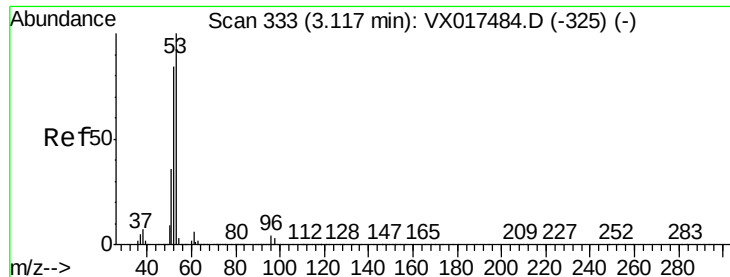
MMDadoda
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#14
Allyl chloride
Concen: 18.993 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	51.9	77.9
76	31.9	25.5	38.3





#15

Acrylonitrile

Concen: 105.052 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

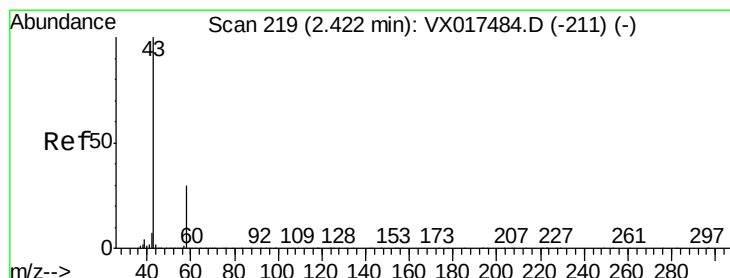
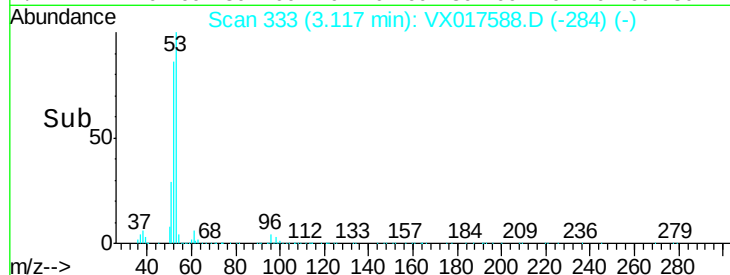
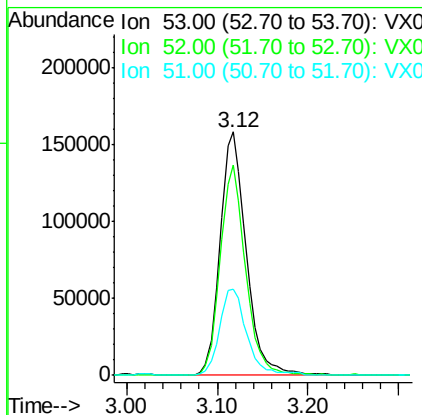
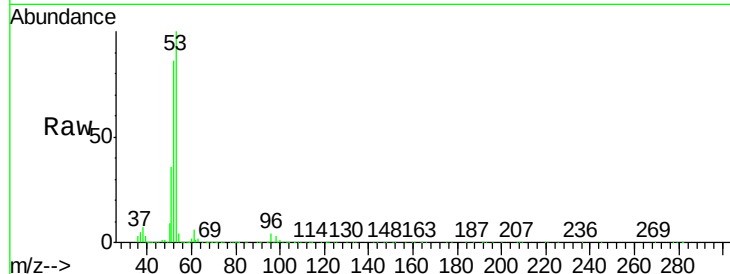
ClientSampleId :

VX0724WBS03

Tgt Ion:	53	Resp:	317976
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	99.8
51	36.8	29.4	44.2

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#16

Acetone

Concen: 108.177 ug/l

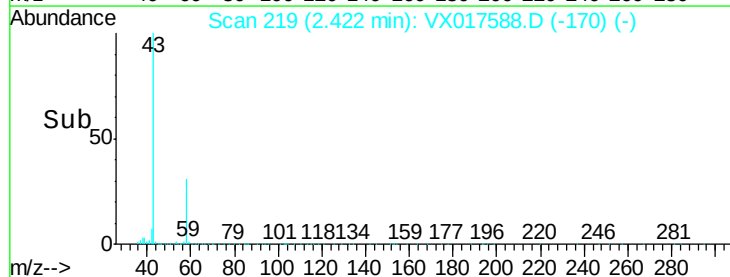
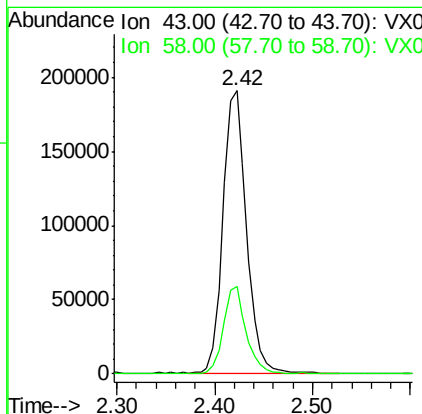
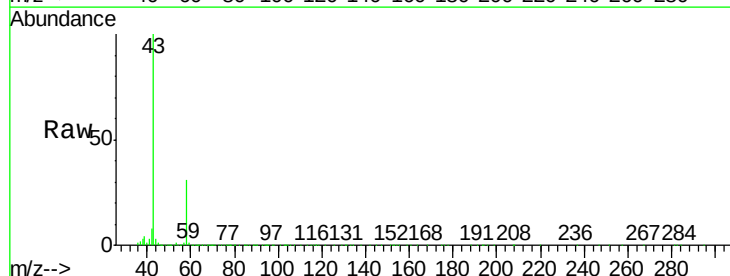
RT: 2.42 min Scan# 219

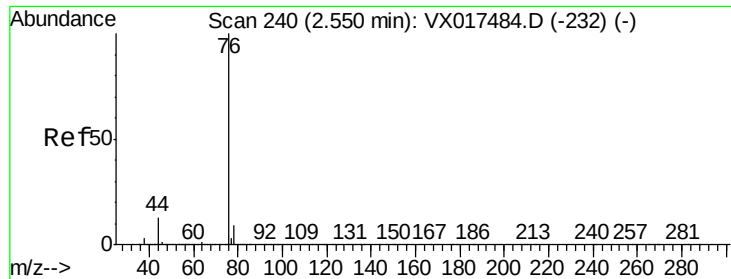
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	43	Resp:	316589
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.2	36.4





#17

Carbon Disulfide

Concen: 17.938 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 76 Resp: 291515

Ion Ratio Lower Upper

76 100

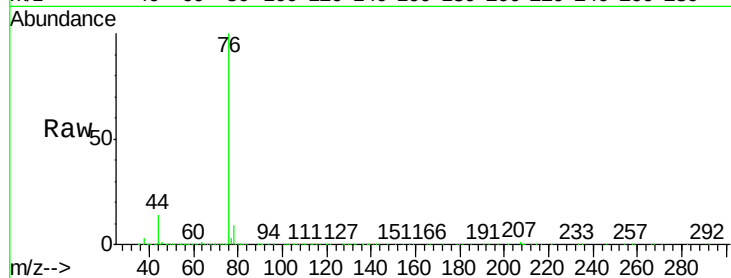
78 8.8 7.5 11.3

Manual Integrations

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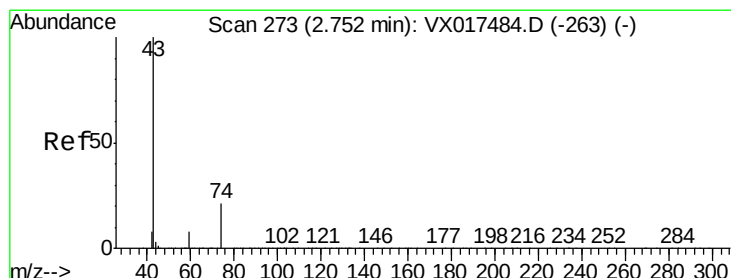
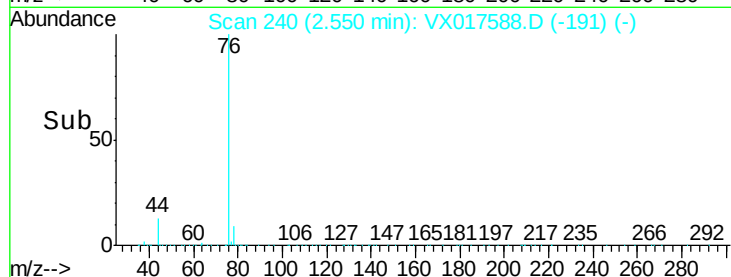
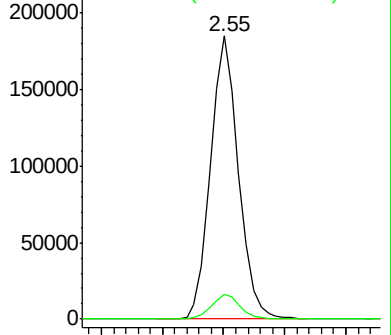
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.363 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017588.D

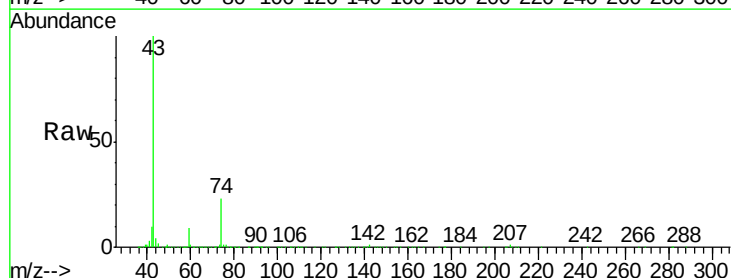
Acq: 25 Jul 2020 12:12

Tgt Ion: 43 Resp: 147244

Ion Ratio Lower Upper

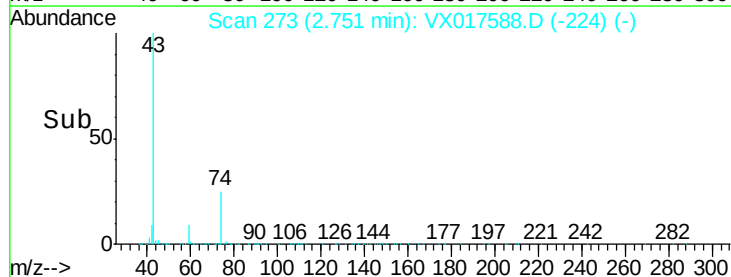
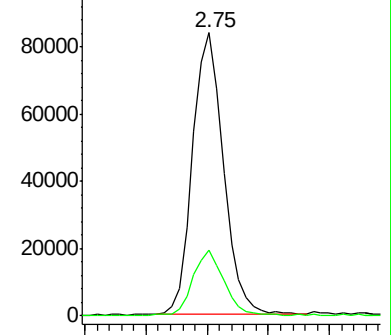
43 100

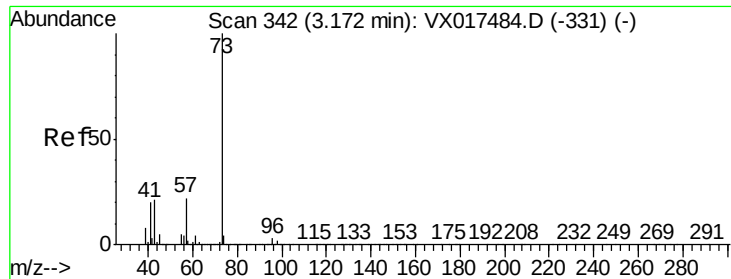
74 23.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

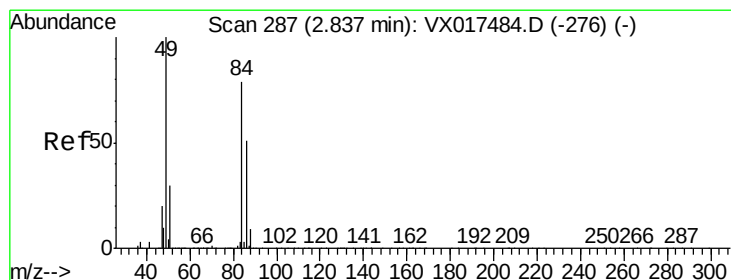
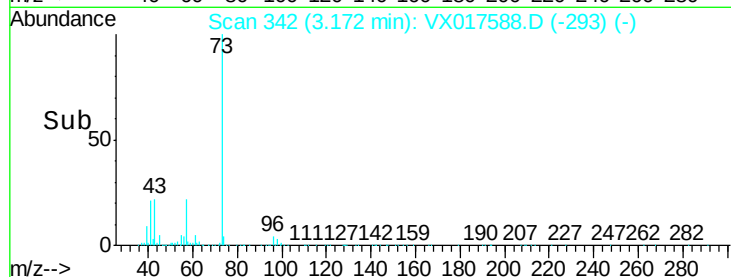
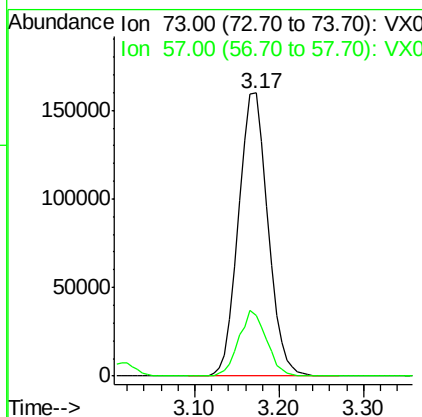
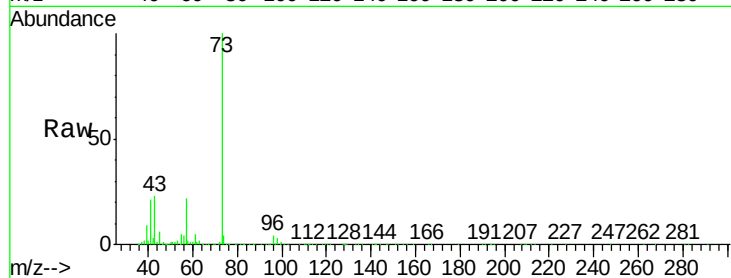
Methyl tert-butyl Ether
 Concen: 20.328 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.4

Manual Integrations
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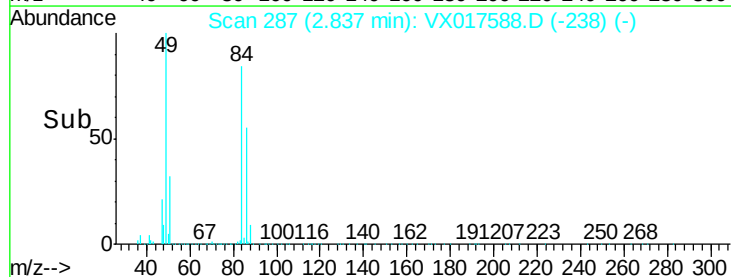
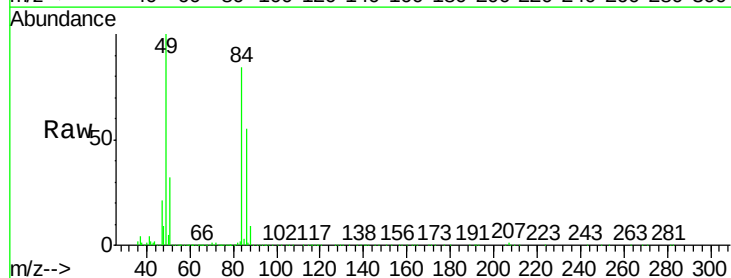
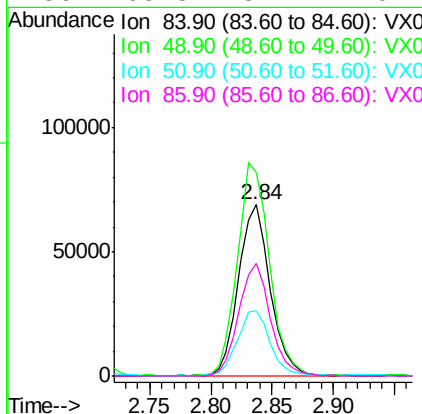
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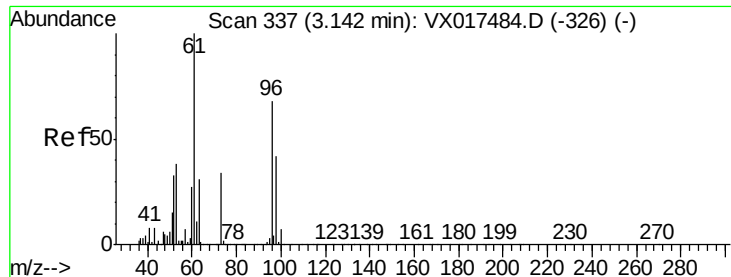


#20

Methylene Chloride
 Concen: 21.773 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	100.3	150.5
51	38.1	30.5	45.7
86	65.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.538 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 96 Resp: 111910

Ion Ratio Lower Upper

96 100

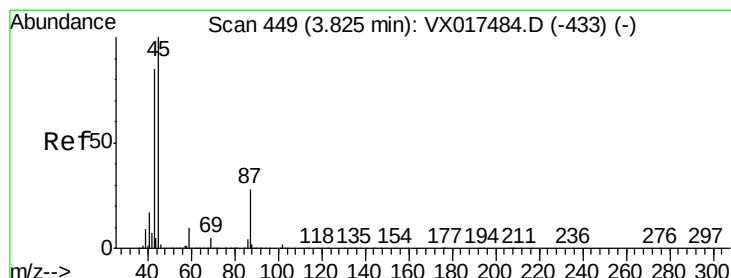
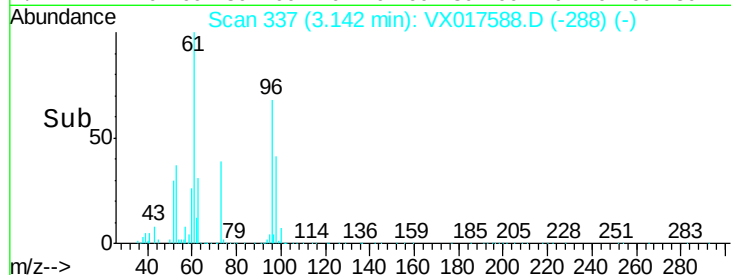
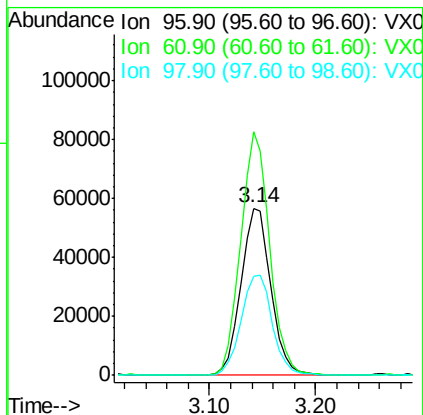
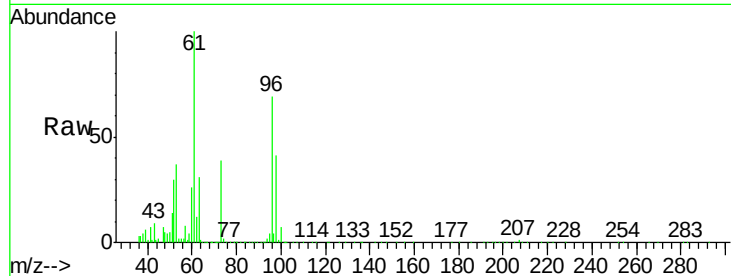
61 145.9 113.0 169.4

98 59.3 51.8 77.8

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#22

Diisopropyl ether

Concen: 20.648 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion: 45 Resp: 368594

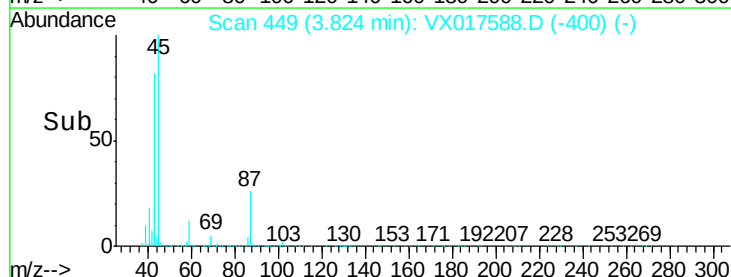
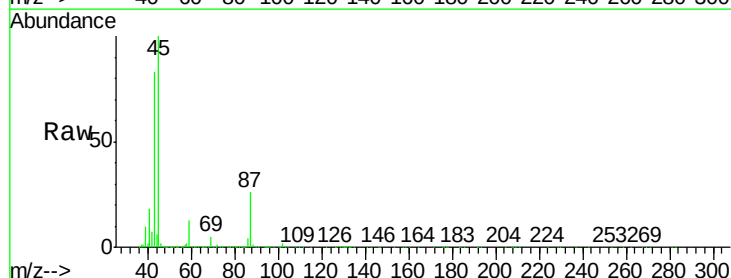
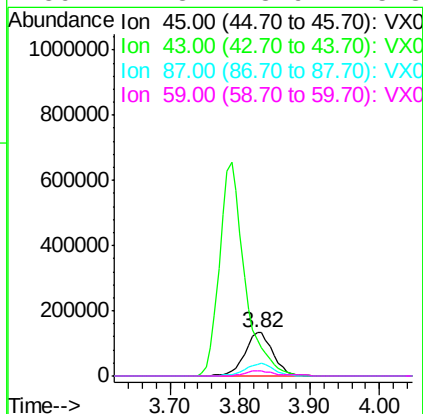
Ion Ratio Lower Upper

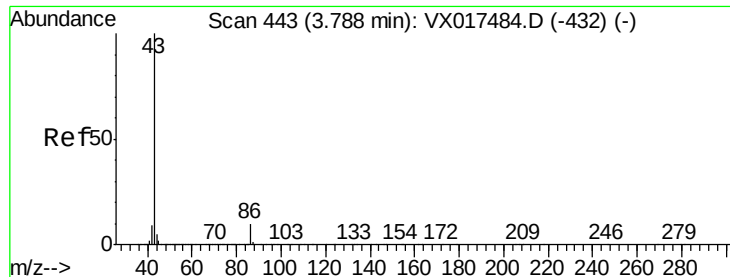
45 100

43 82.7 52.0 78.0#

87 25.9 22.2 33.4

59 12.3 8.9 13.3





#23

Vinyl Acetate

Concen: 103.455 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 43 Resp: 1646633

Ion Ratio Lower Upper

43 100

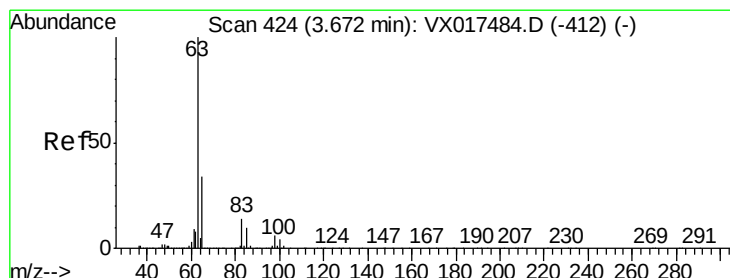
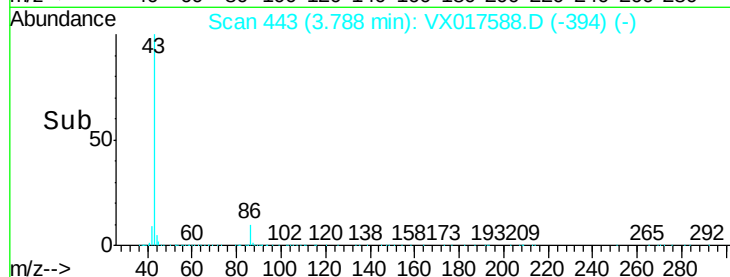
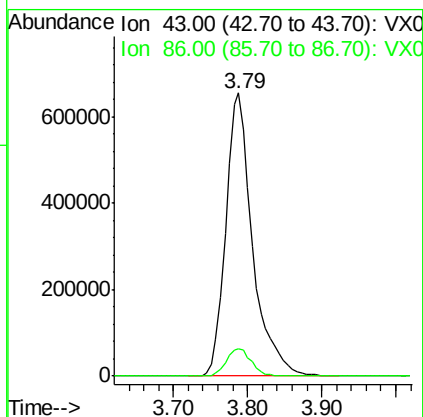
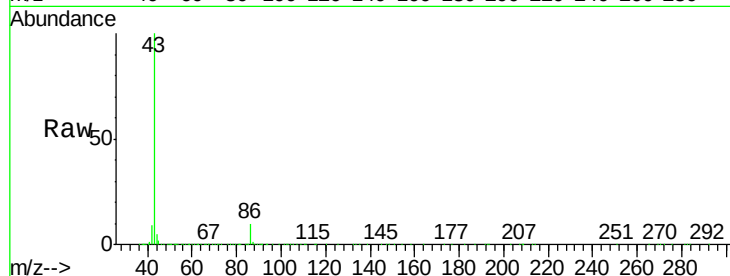
86 9.9 8.2 12.4

Manual Integrations

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7/27/2020 11:02:20 AM



#24

1,1-Dichloroethane

Concen: 20.521 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

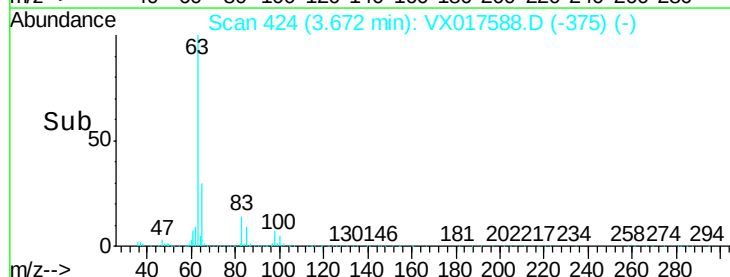
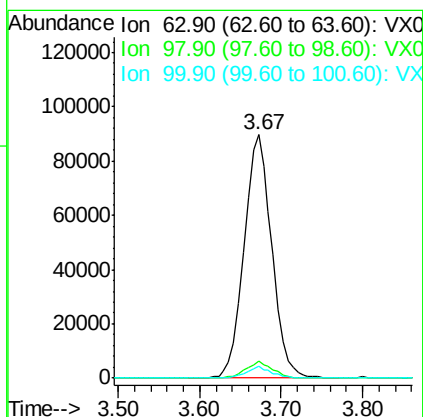
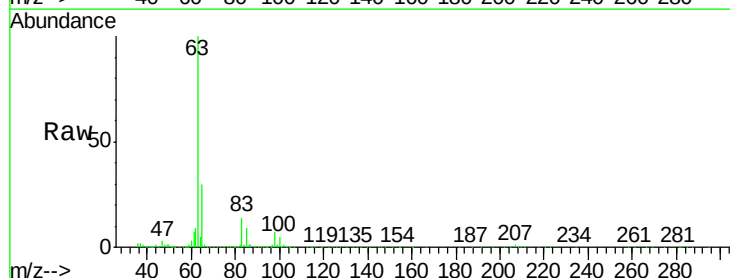
Tgt Ion: 63 Resp: 211019

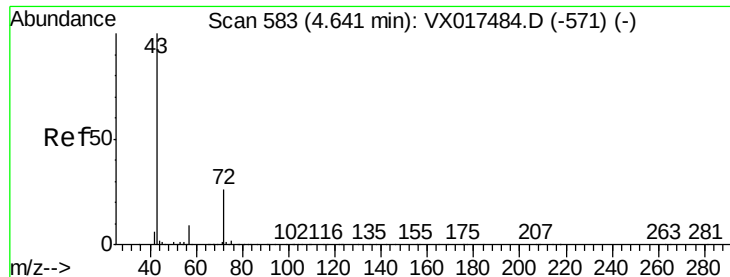
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 5.0 1.9 5.7





#25

2-Butanone

Concen: 113.011 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 43 Resp: 469845

Ion Ratio Lower Upper

43 100

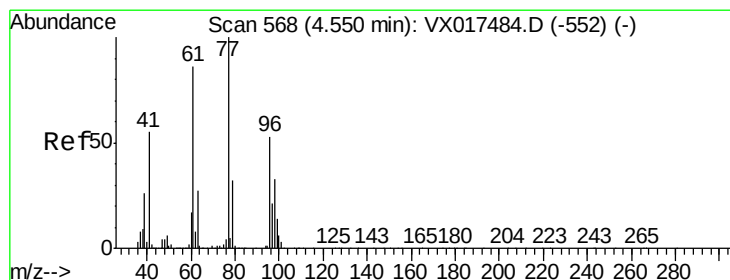
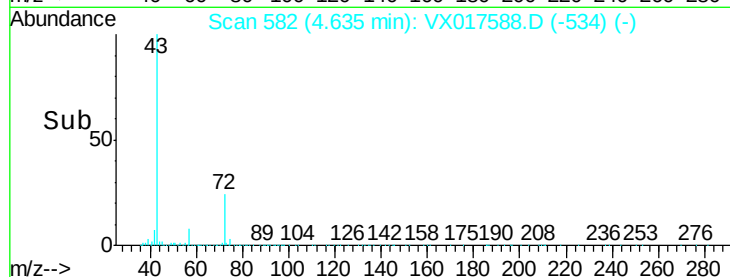
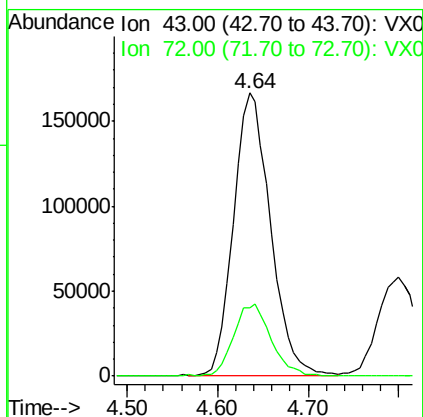
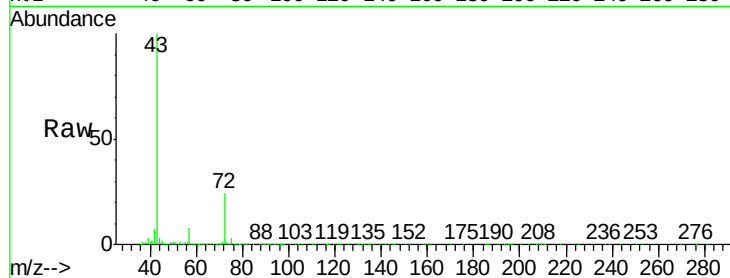
72 23.8 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.900 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017588.D

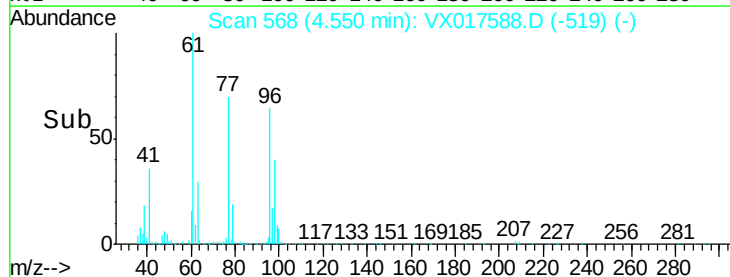
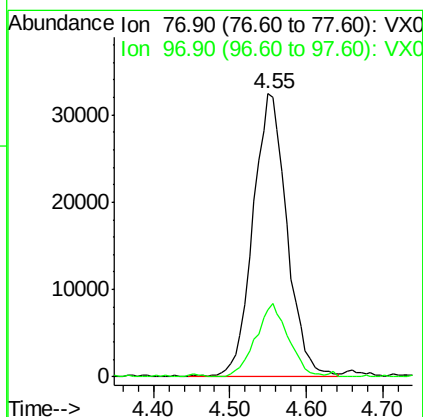
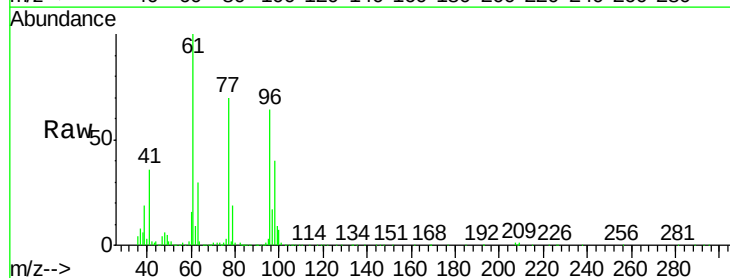
Acq: 25 Jul 2020 12:12

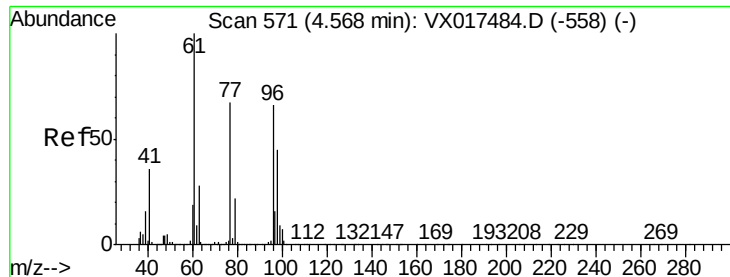
Tgt Ion: 77 Resp: 100332

Ion Ratio Lower Upper

77 100

97 25.0 10.9 32.9





#27

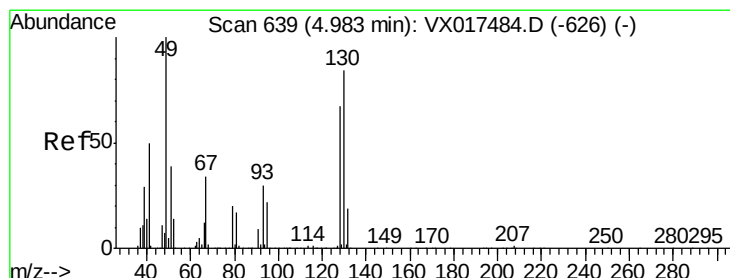
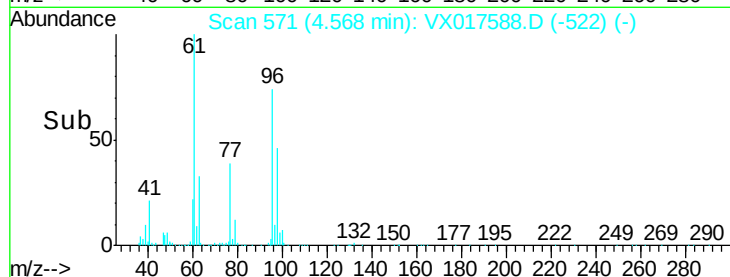
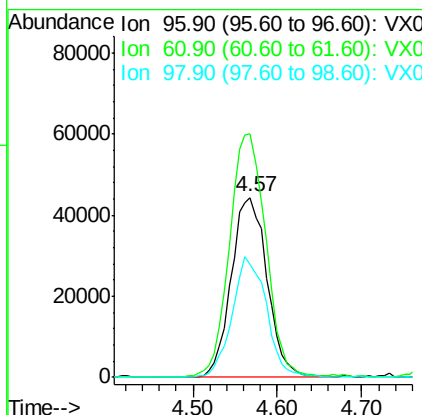
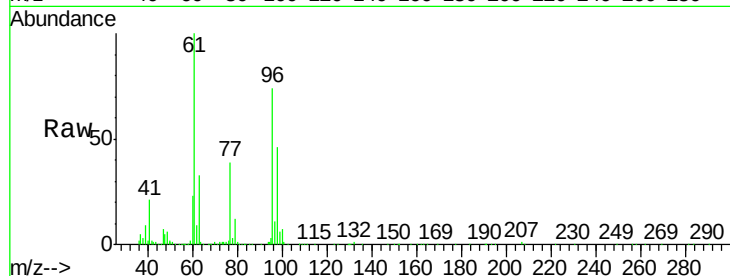
cis-1,2-Dichloroethene
Concen: 20.356 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	126640		
61	138.9	0.0	301.2	
98	64.6	0.0	130.0	

Manual Integrations
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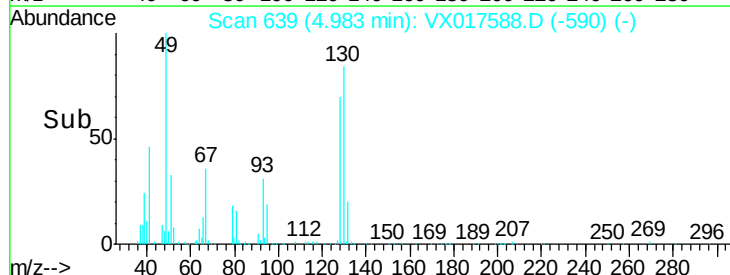
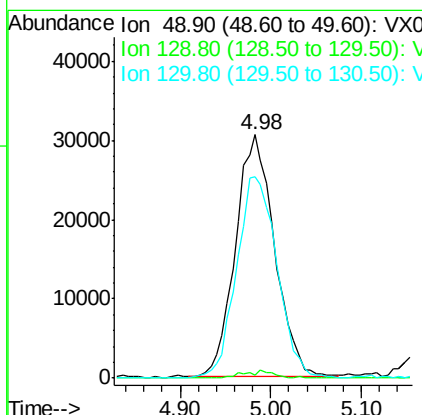
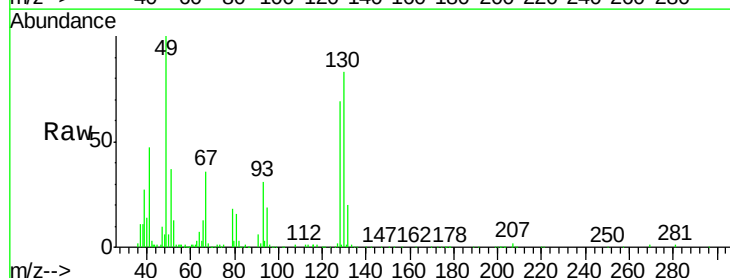
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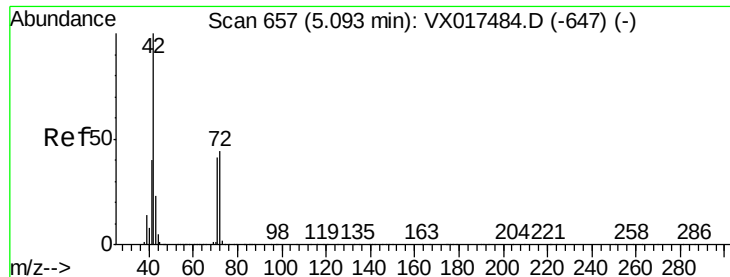


#28

Bromochloromethane
Concen: 19.610 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91382		
129	2.6	0.0	4.6	
130	86.5	66.7	100.1	





#29

Tetrahydrofuran

Concen: 118.585 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

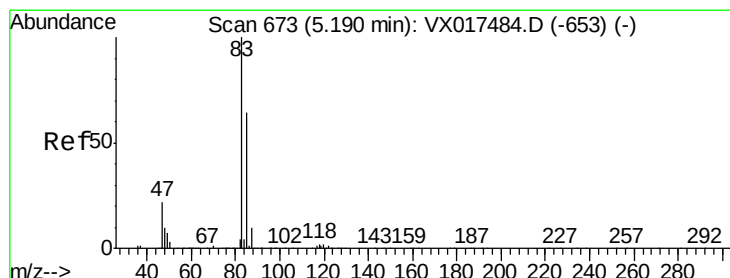
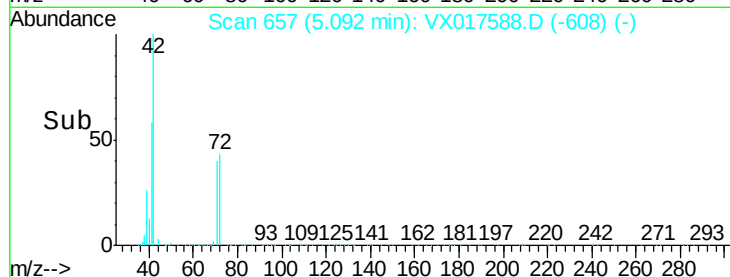
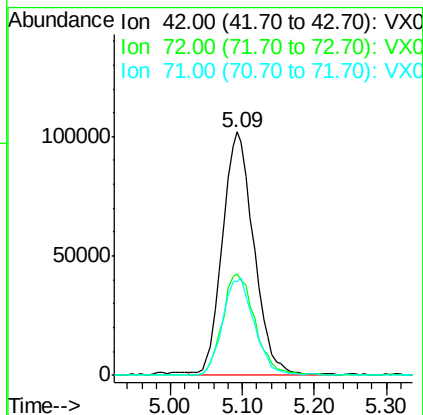
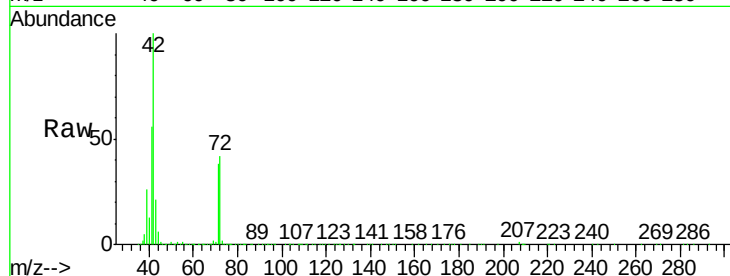
ClientSampleId :

VX0724WBS03

Tgt Ion:	42	Resp:	305390
Ion Ratio		Lower	Upper
42	100		
72	43.7	35.5	53.3
71	40.7	33.0	49.4

Manual Integrations
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#30

Chloroform

Concen: 20.510 ug/l

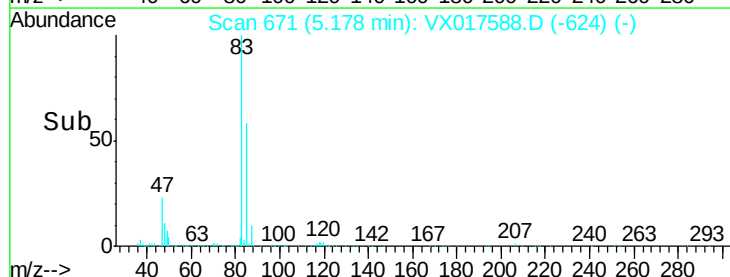
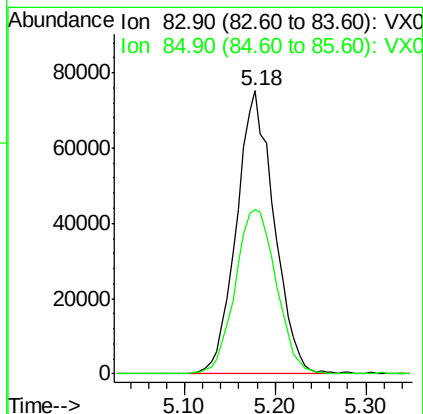
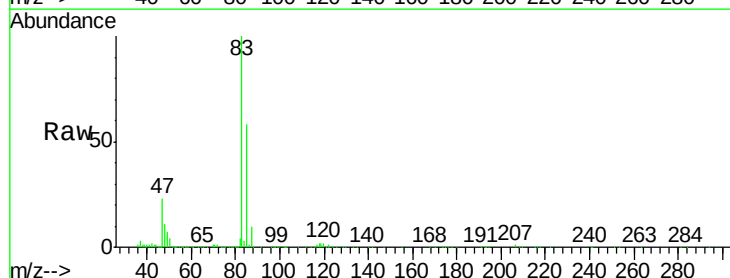
RT: 5.18 min Scan# 671

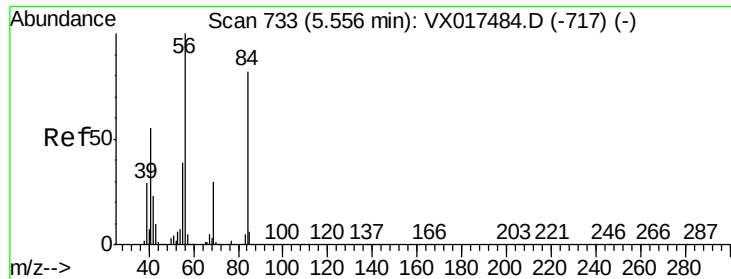
Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	83	Resp:	215504
Ion Ratio		Lower	Upper
83	100		
85	58.0	51.4	77.2





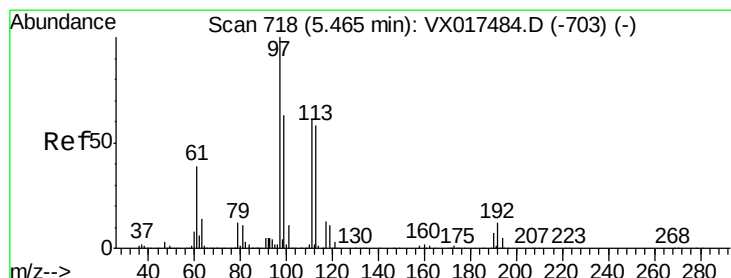
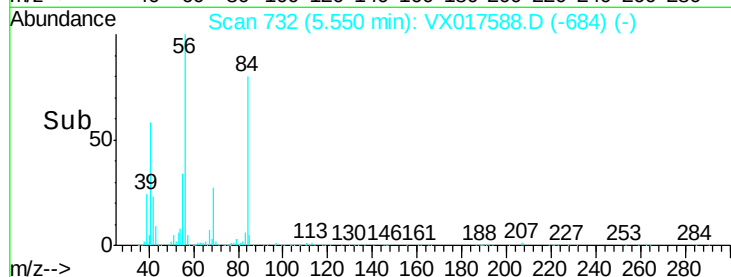
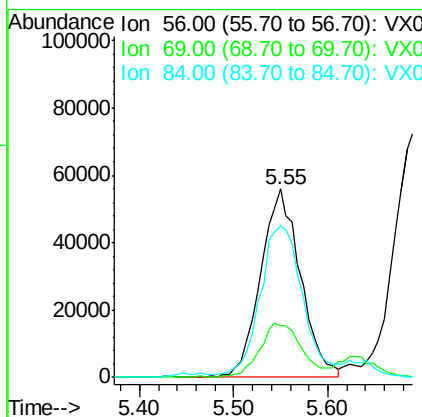
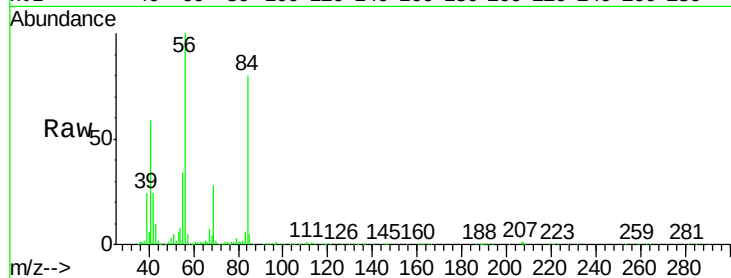
#31
Cyclohexane
Concen: 20.060 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.6	24.2	36.4
84	78.8	69.0	103.6

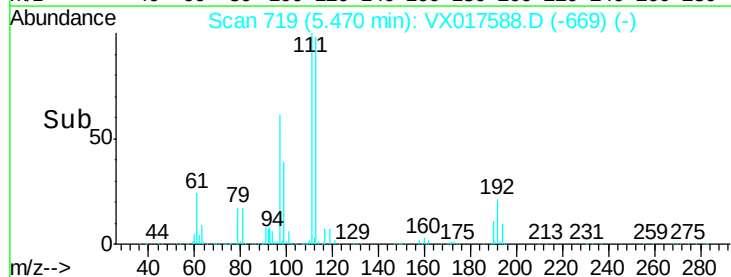
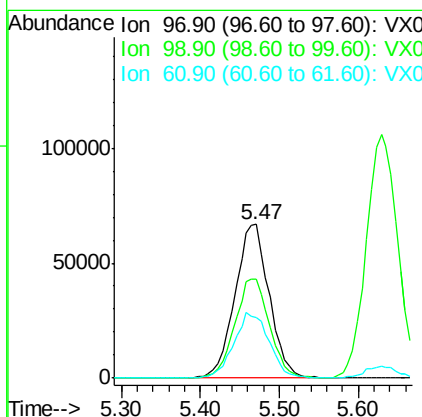
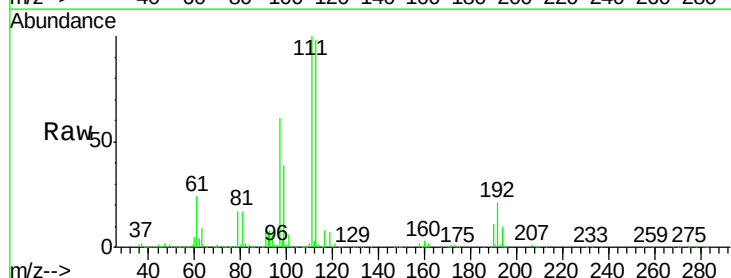
Manual Integrations
APPROVED

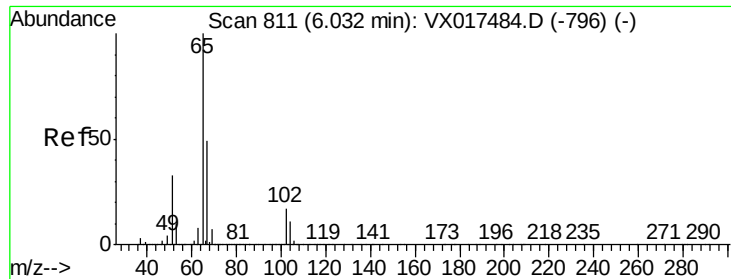
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#32
1,1,1-Trichloroethane
Concen: 20.312 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.9	77.9
61	43.8	34.1	51.1





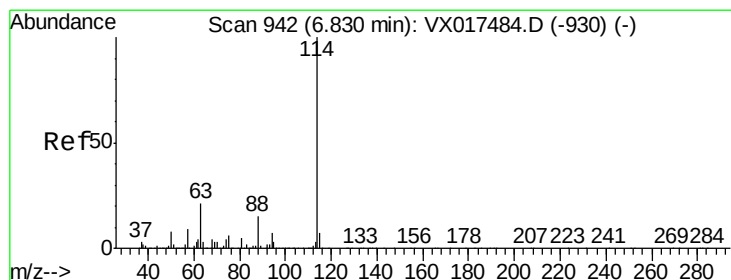
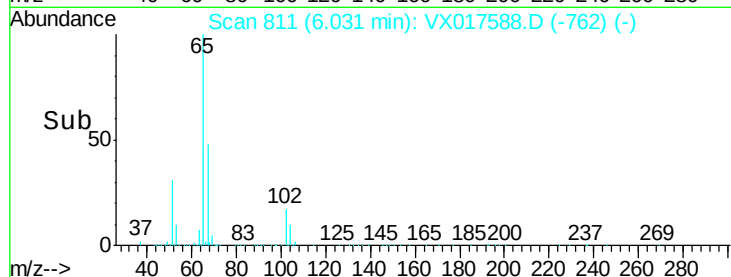
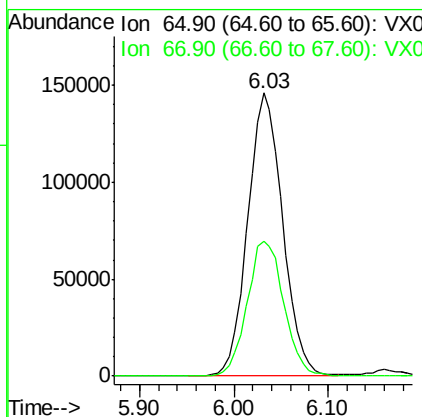
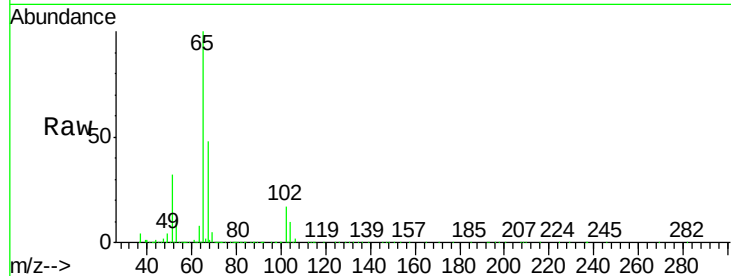
#33
 1,2-Dichloroethane-d4
 Concen: 56.918 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	378466		
67	49.9	0.0	102.8	

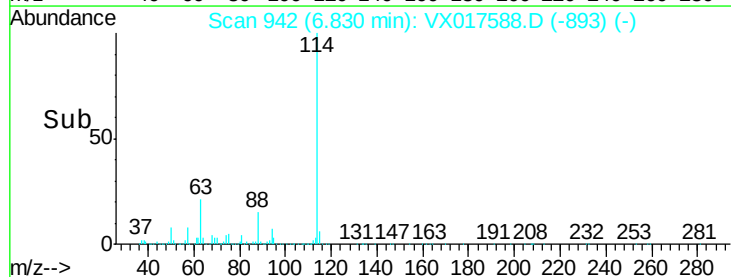
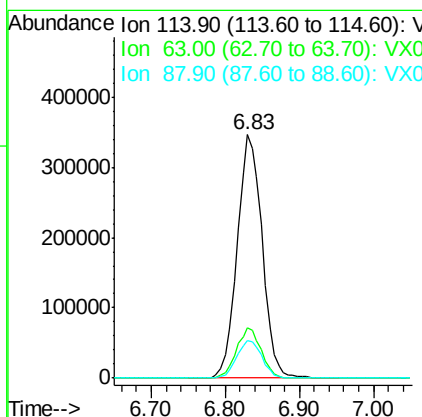
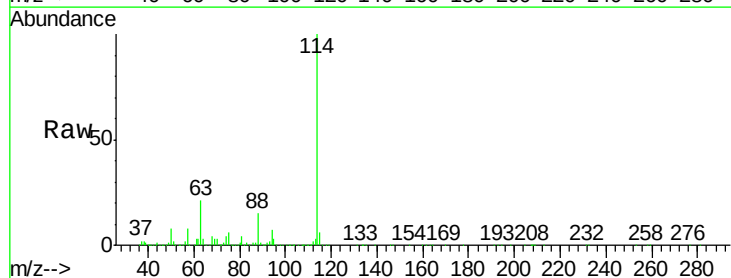
Manual Integrations
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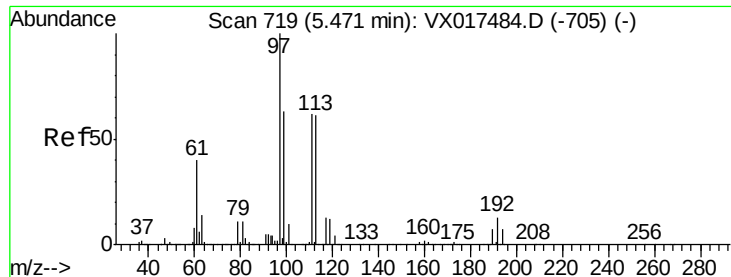
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 7/27/2020 11:02:20 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	813308		
63	20.6	0.0	40.6	
88	15.4	0.0	33.4	





#35

Dibromofluoromethane

Concen: 54.601 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

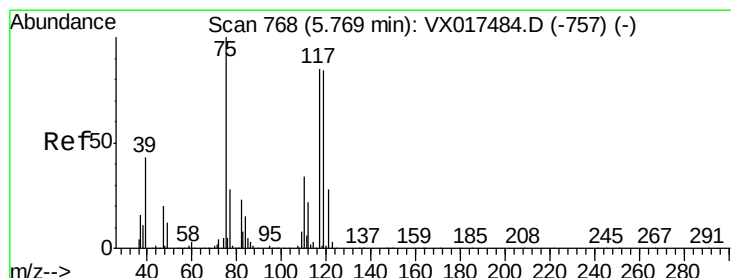
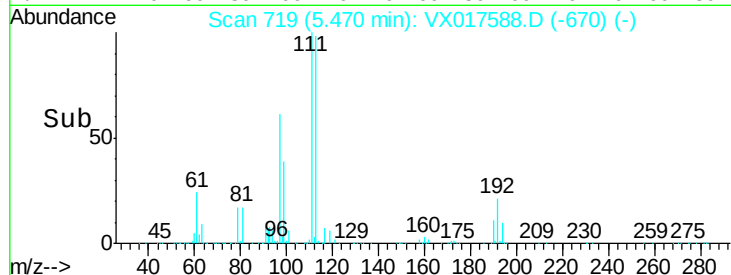
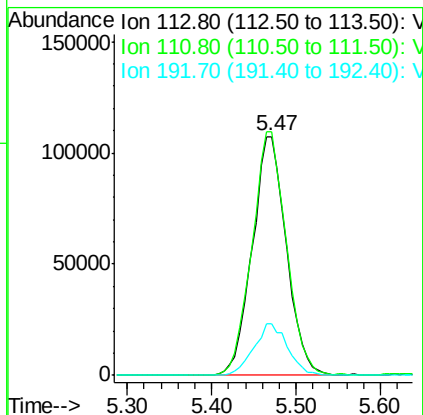
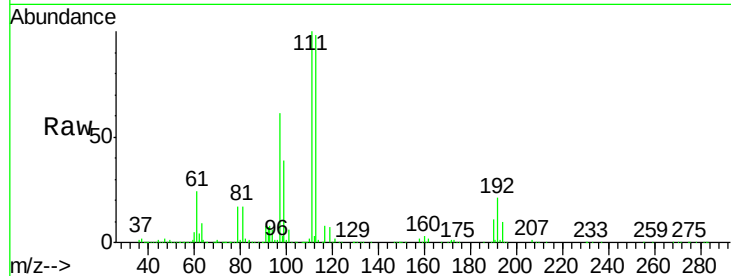
ClientSampleId :

VX0724WBS03

Tgt Ion:	113	Resp:	296997
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.7	121.1
192	21.6	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.984 ug/l

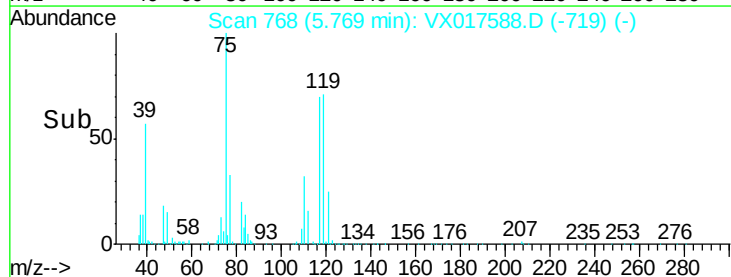
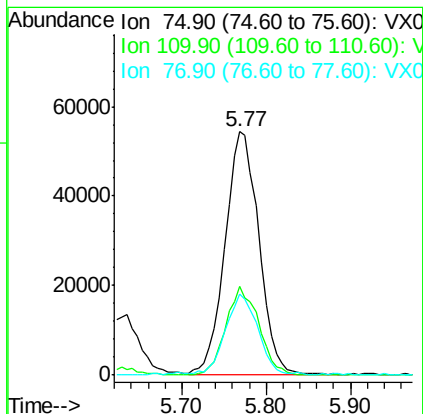
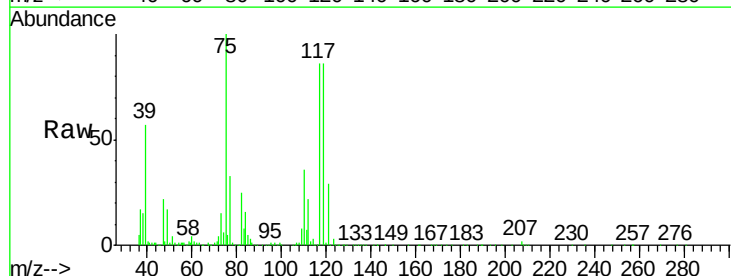
RT: 5.77 min Scan# 768

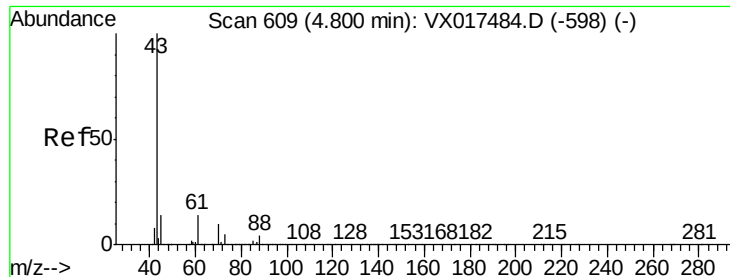
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	75	Resp:	148084
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.3
77	30.7	24.6	37.0





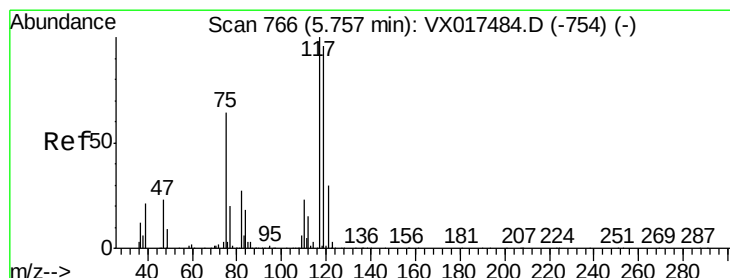
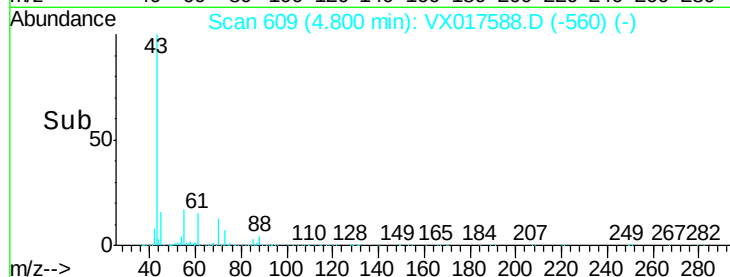
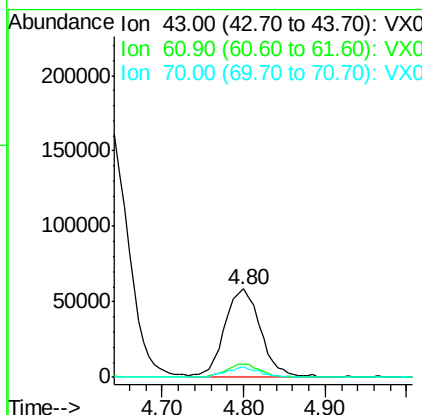
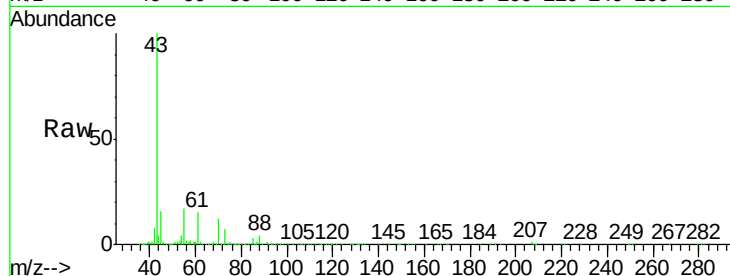
#37
Ethyl Acetate
Concen: 20.639 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.7	16.1
70	10.9	8.5	12.7

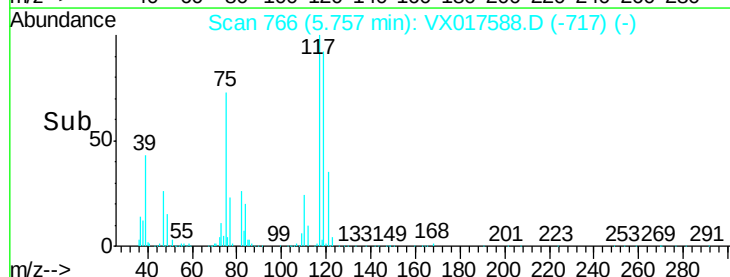
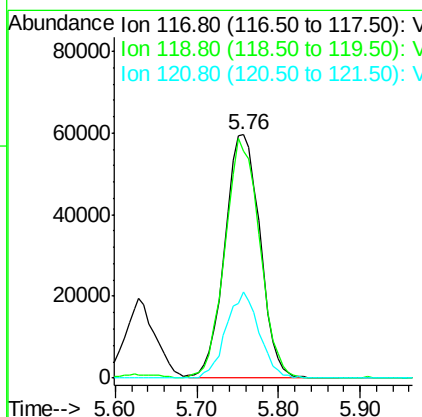
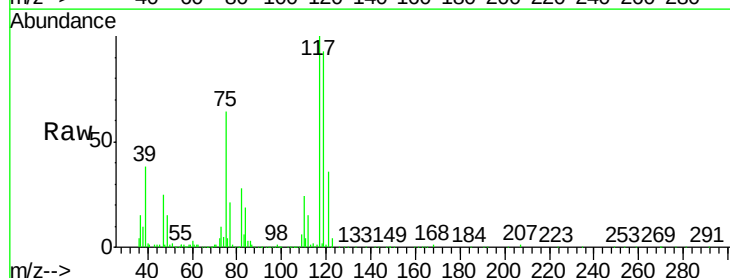
Manual Integrations
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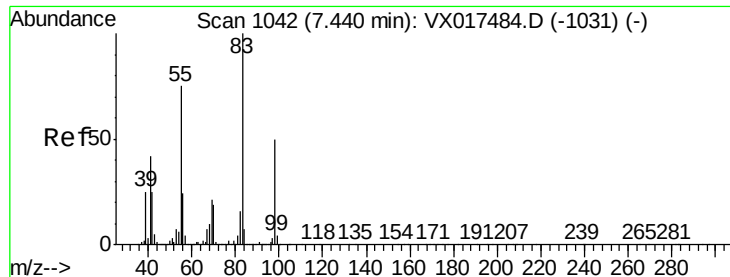
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#38
Carbon Tetrachloride
Concen: 18.784 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.4	113.0
121	35.5	24.3	36.5





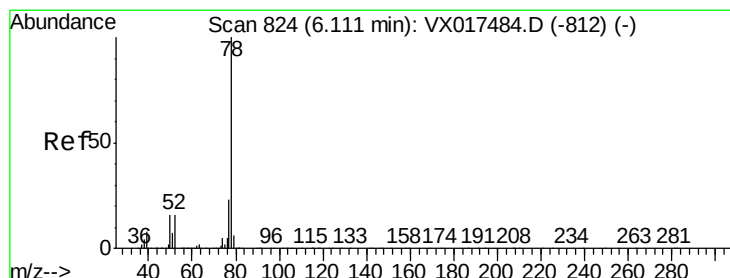
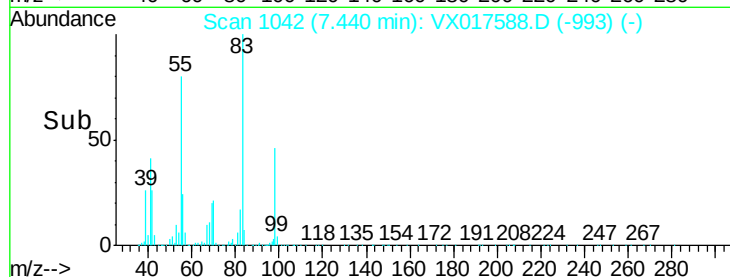
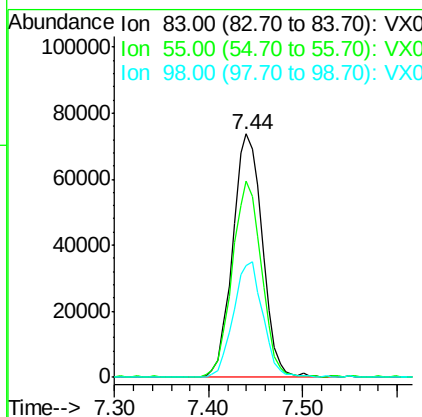
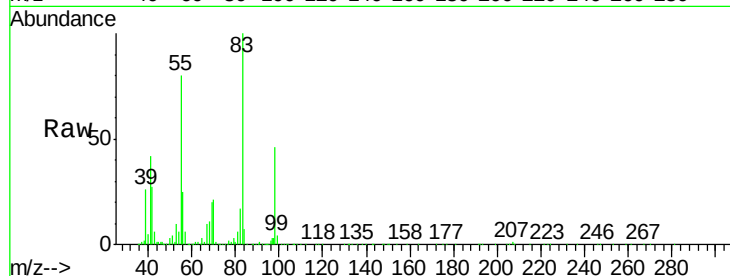
#39
Methylcyclohexane
Concen: 17.747 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	80.2	61.8	92.8
98	45.9	36.9	55.3

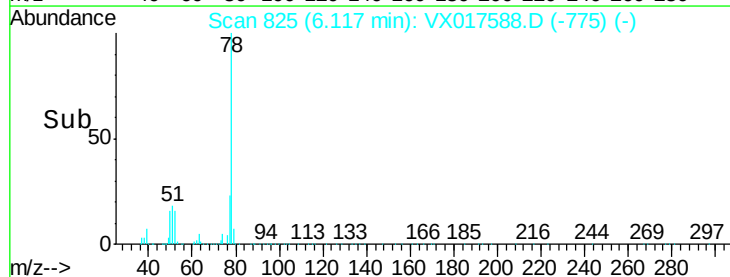
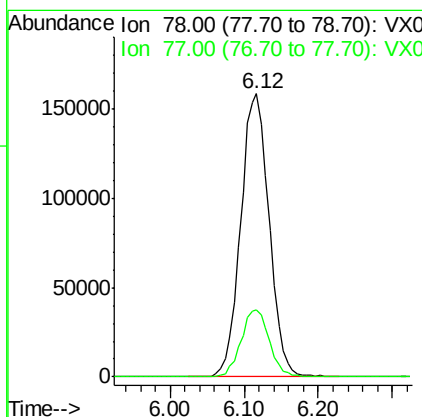
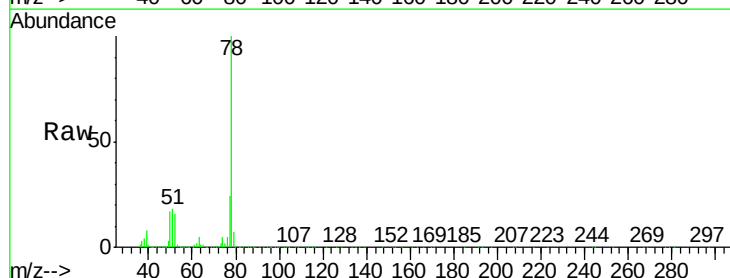
Manual Integrations
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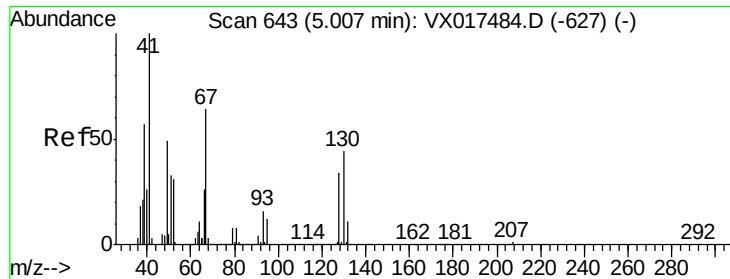
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#40
Benzene
Concen: 18.940 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.8	19.4	29.2





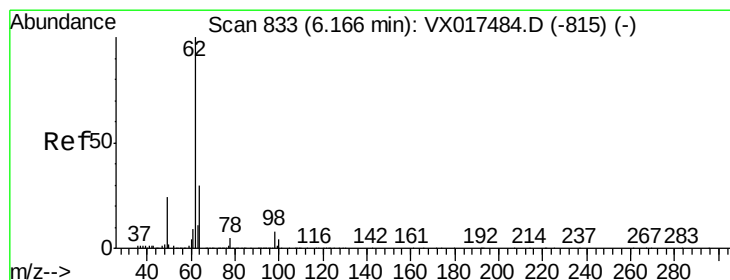
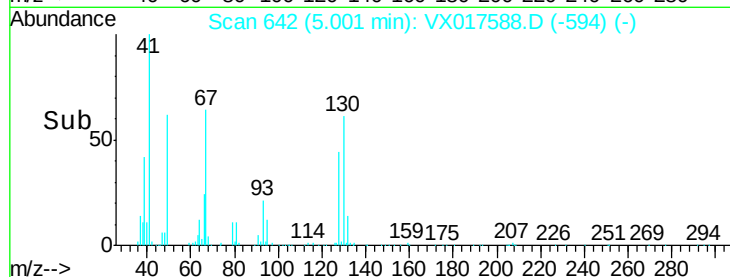
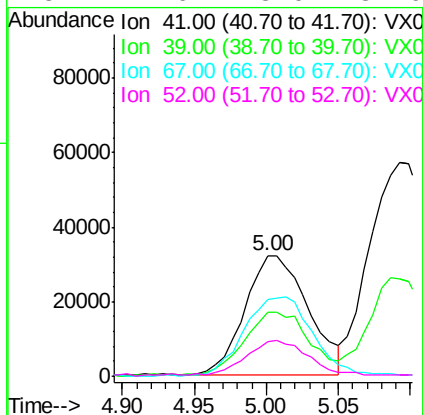
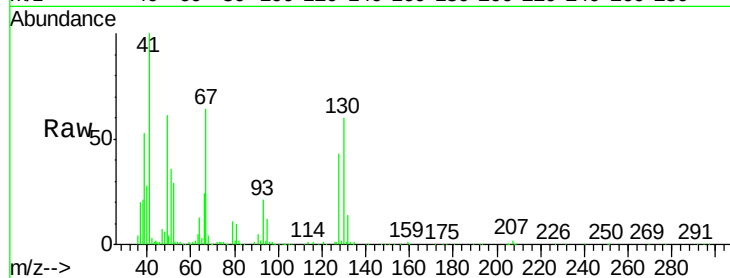
#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.9	65.9
67	70.3	54.0	81.0
52	27.6	23.0	34.6

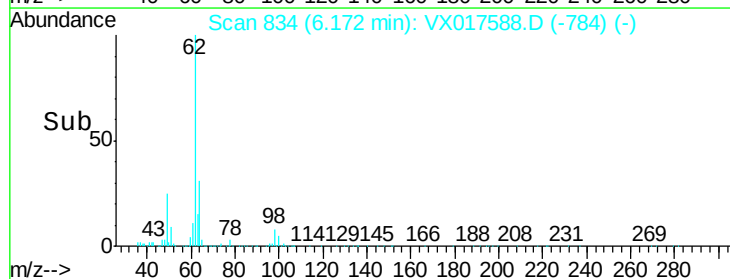
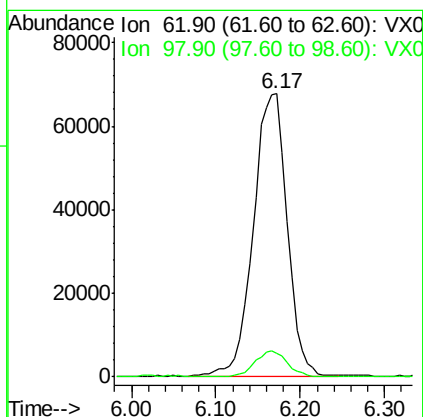
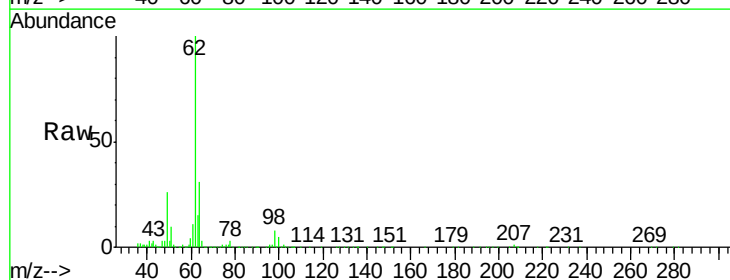
Manual Integrations
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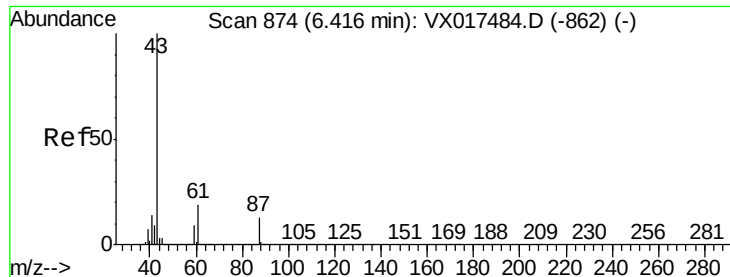
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.216 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.339 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

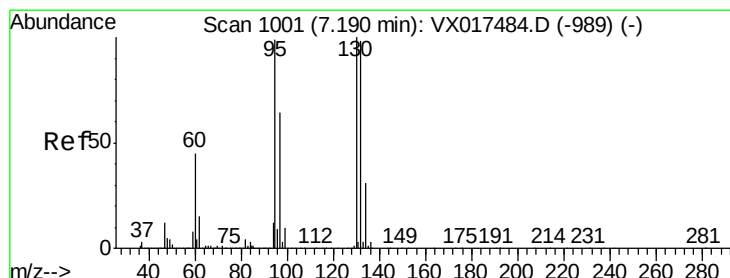
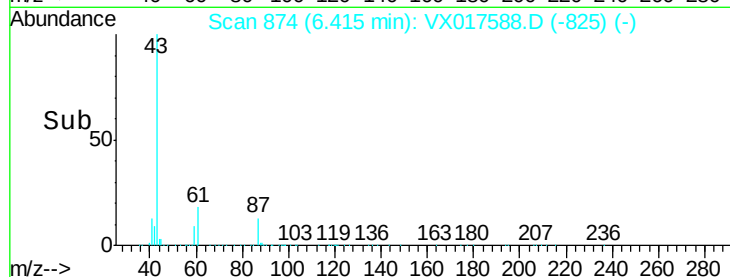
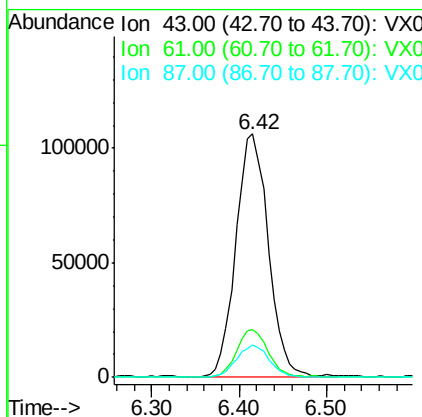
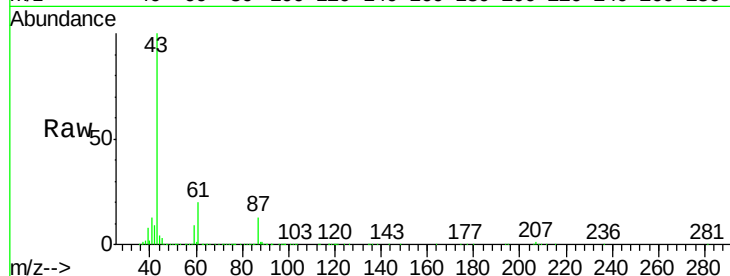
ClientSampleId :

VX0724WBS03

Tgt Ion:	43	Resp:	272327
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.5	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 19.832 ug/l

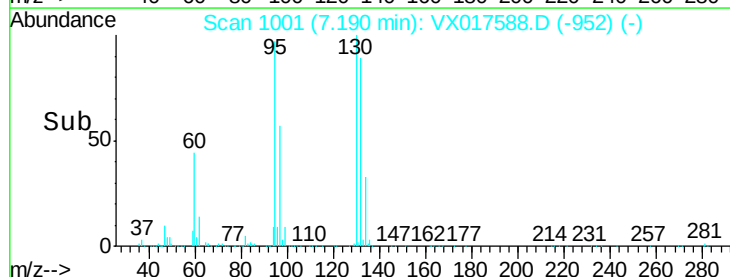
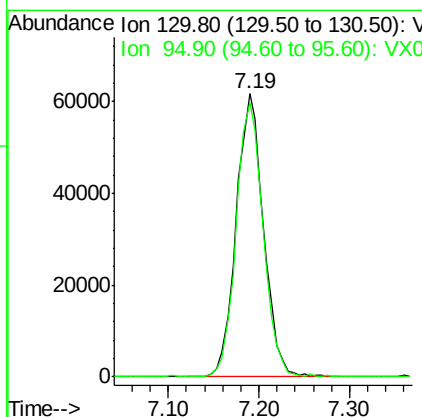
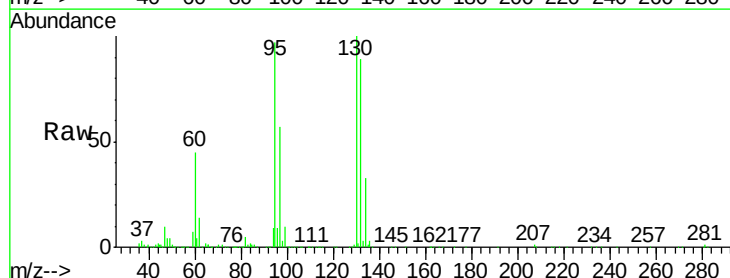
RT: 7.19 min Scan# 1001

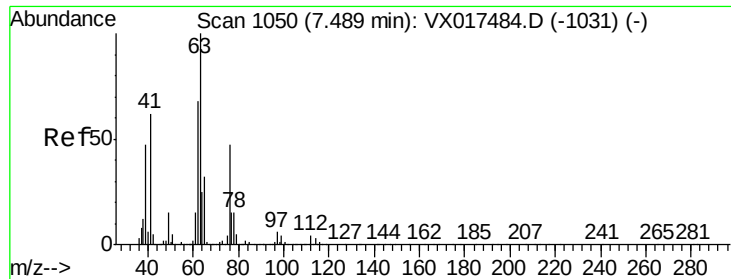
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	130	Resp:	129614
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	189.0





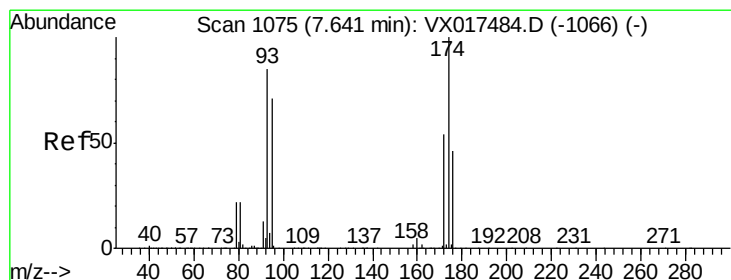
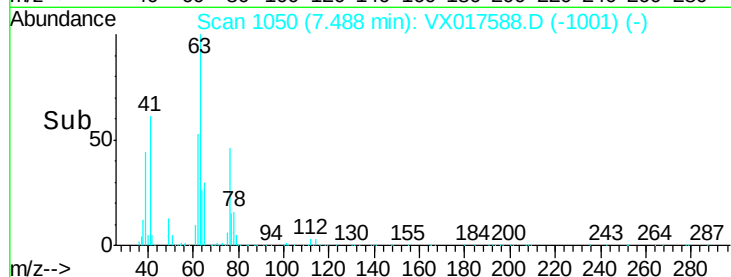
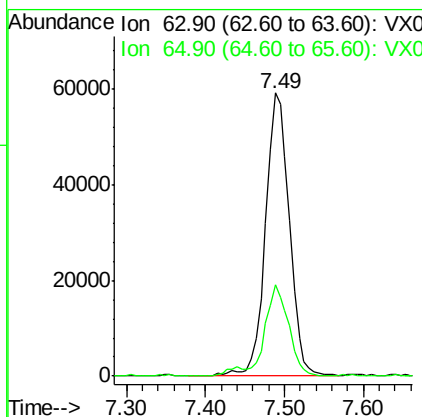
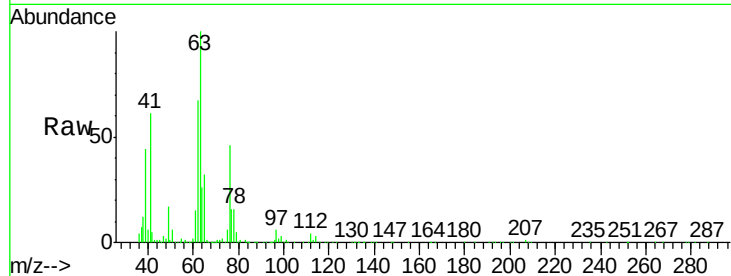
#45
 1,2-Dichloropropane
 Concen: 20.136 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion: 63 Resp: 124831
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.5 36.7

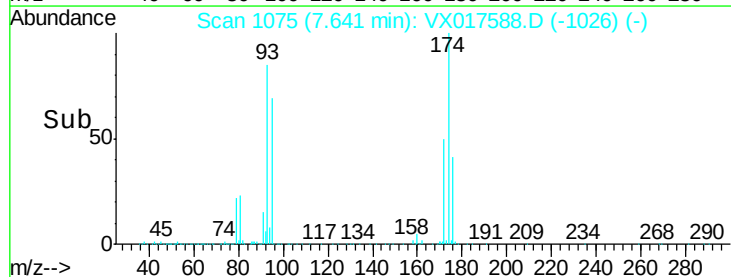
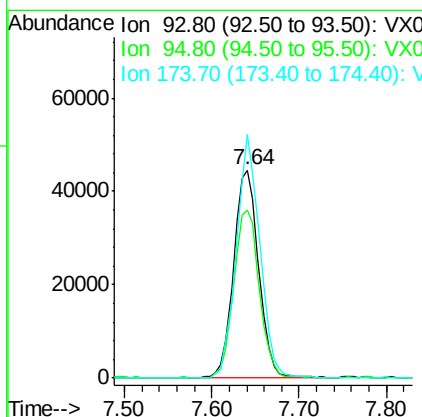
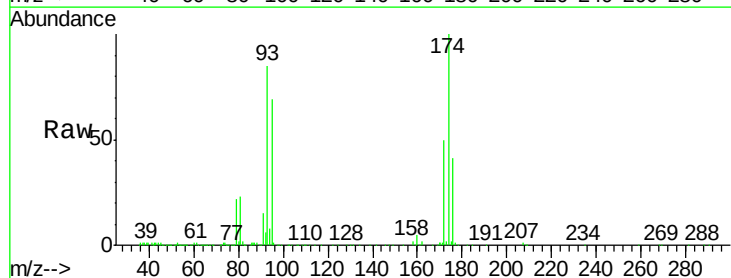
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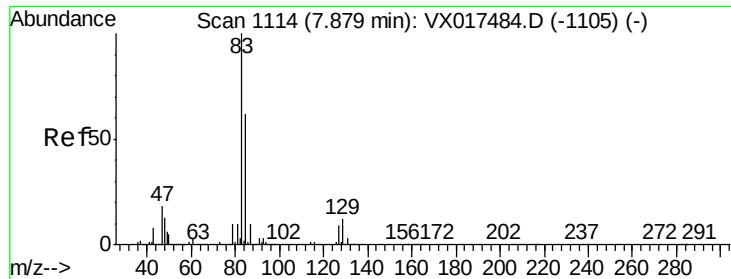
MMDadoda
 7/27/2020 11:02:20 AM



#46
 Dibromomethane
 Concen: 20.392 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion: 93 Resp: 89342
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 109.2 87.0 130.6





#47

Bromodichloromethane

Concen: 20.393 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

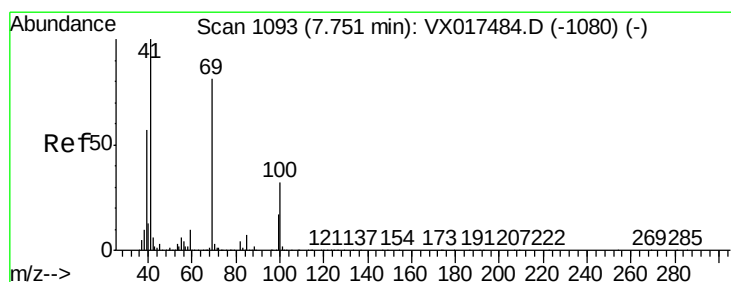
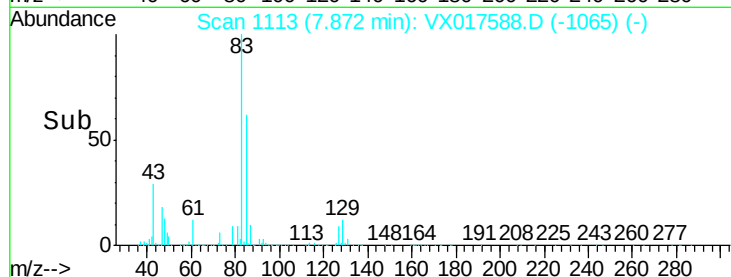
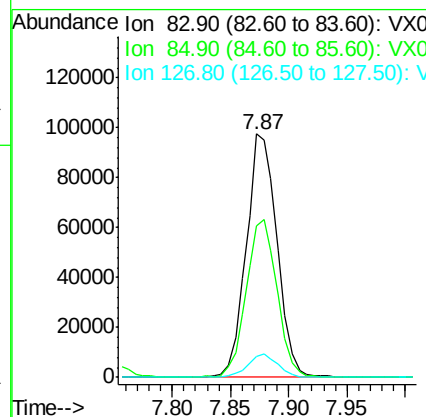
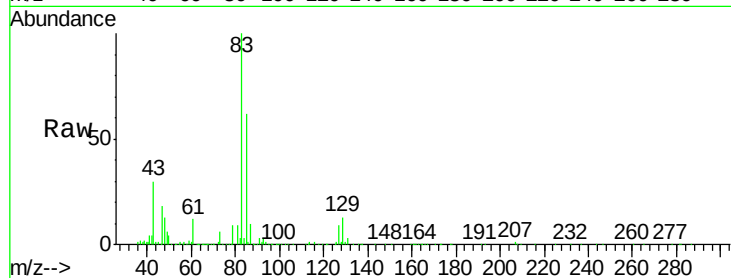
ClientSampleId :

VX0724WBS03

Tgt Ion:	83	Resp:	179780
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	8.6	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.809 ug/l

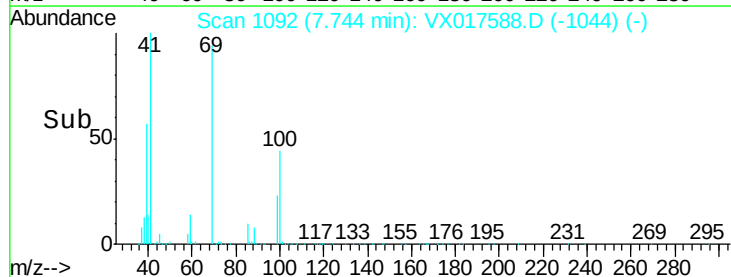
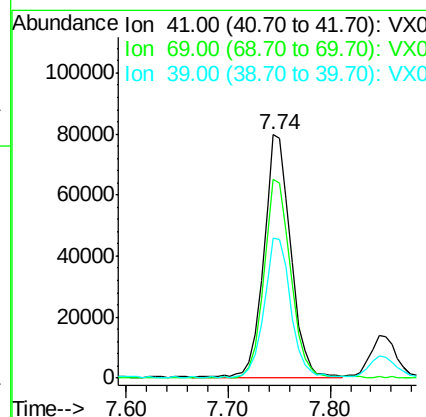
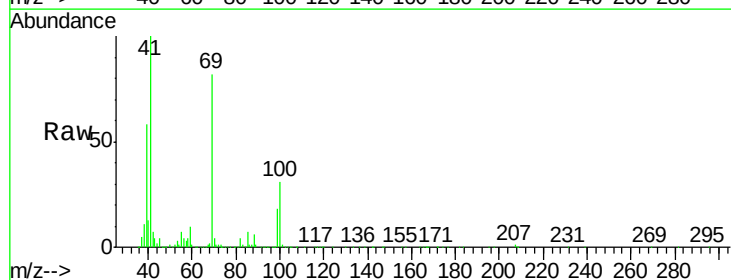
RT: 7.74 min Scan# 1092

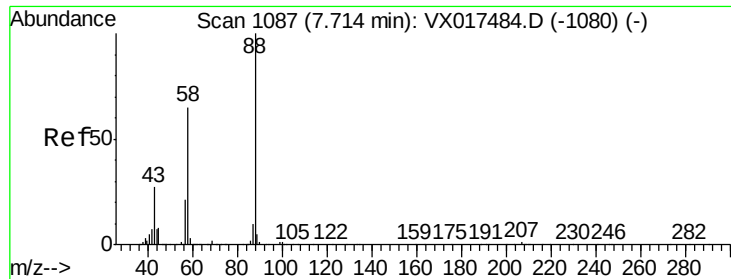
Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	41	Resp:	145250
Ion	Ratio	Lower	Upper
41	100		
69	82.5	63.1	94.7
39	58.5	45.1	67.7





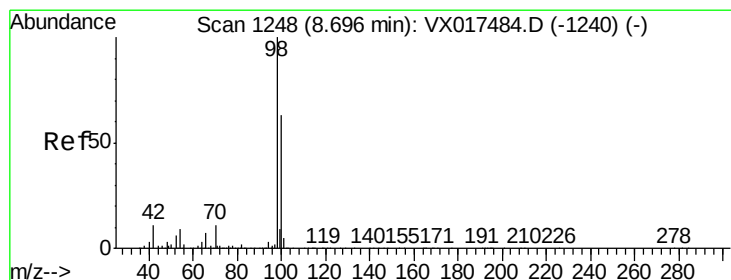
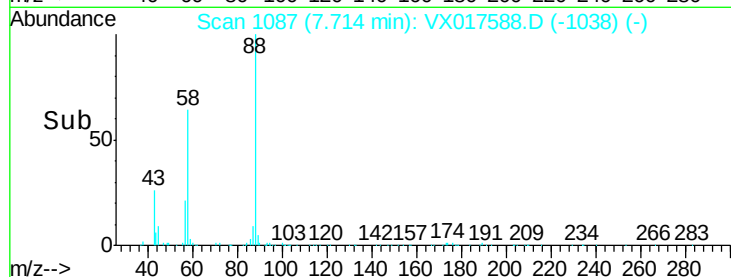
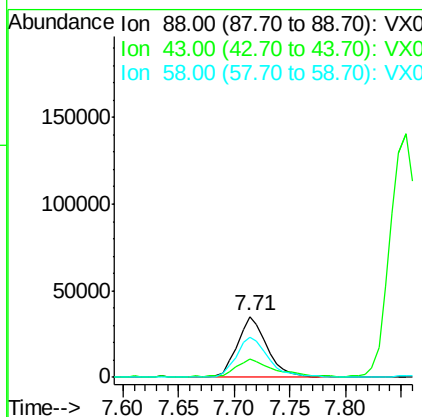
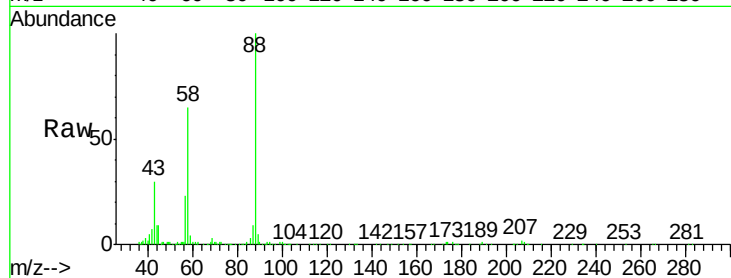
#49
1,4-Dioxane
Concen: 489.081 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.8	41.6
58	70.2	58.3	87.5

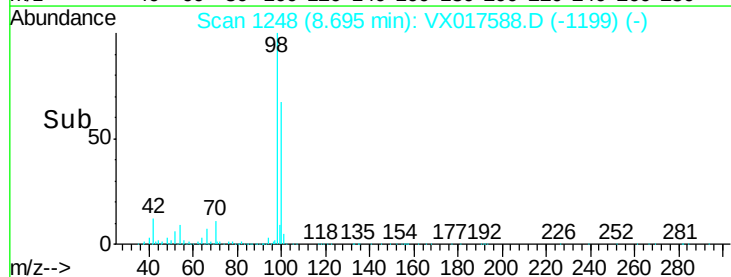
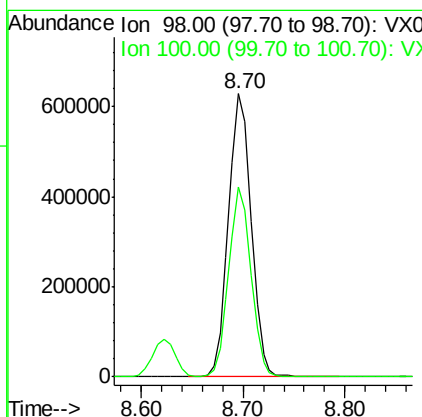
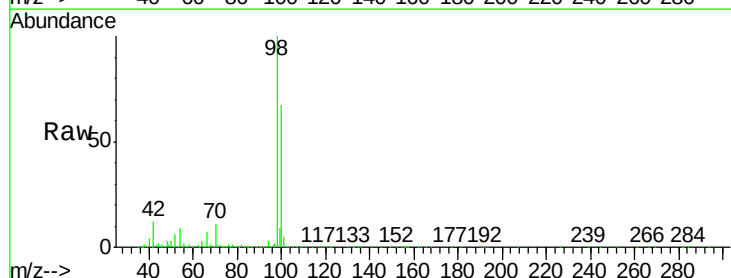
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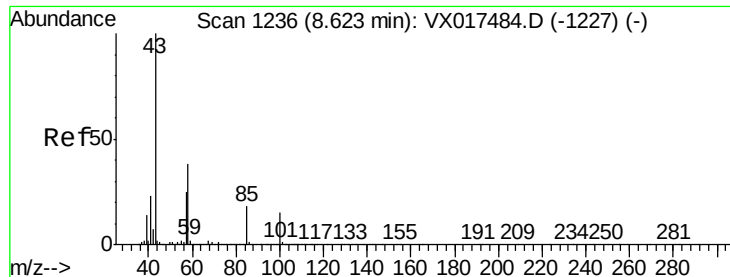
MMDadoda
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#50
Toluene-d8
Concen: 49.316 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5





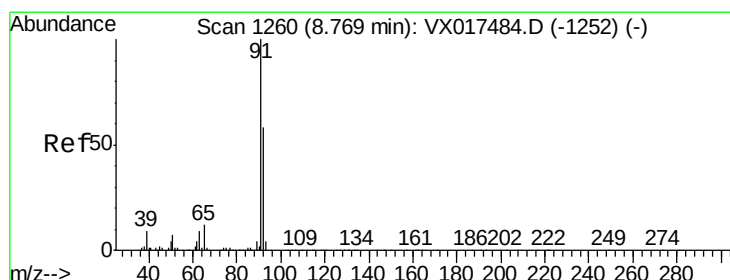
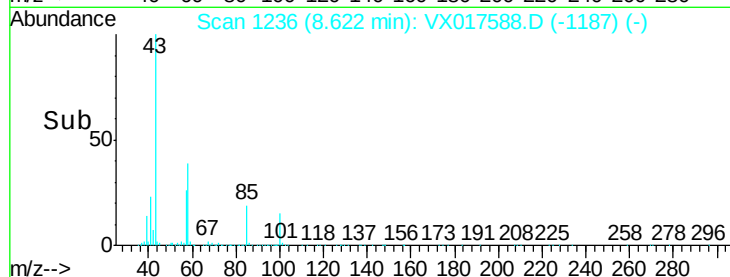
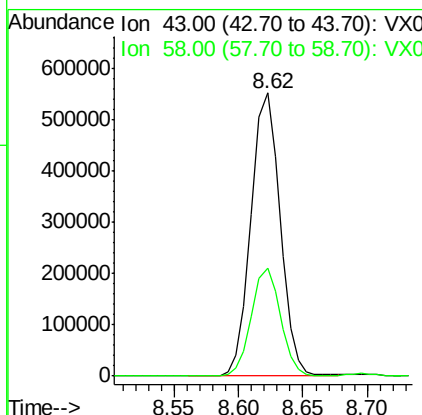
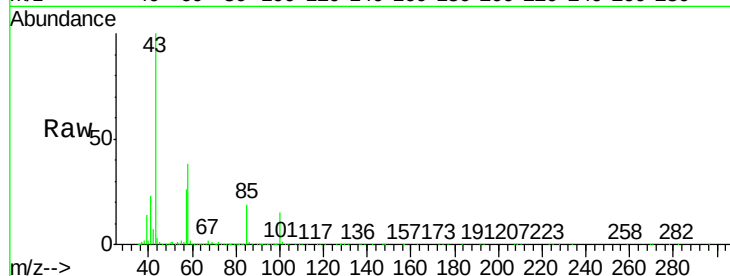
#51
4-Methyl-2-Pentanone
Concen: 102.674 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion: 43 Resp: 862678
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.4

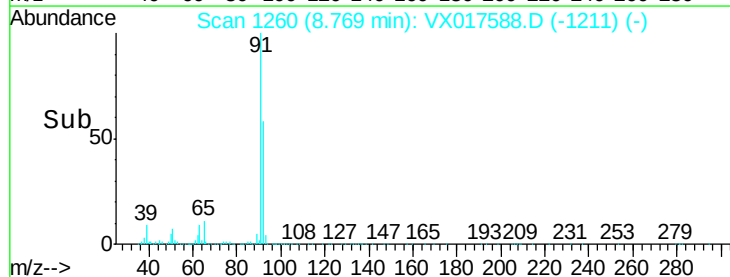
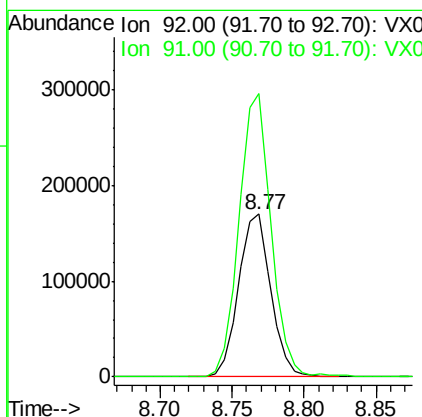
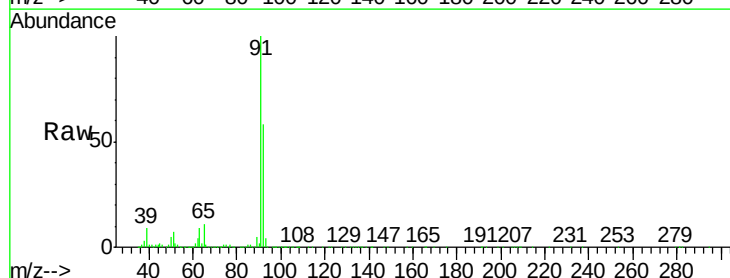
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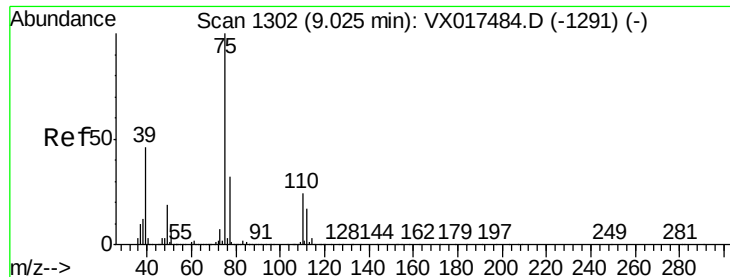
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#52
Toluene
Concen: 18.416 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 92 Resp: 264126
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.596 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 75 Resp: 173640

Ion Ratio Lower Upper

75 100

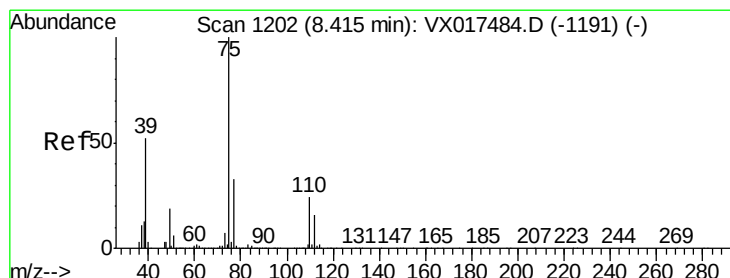
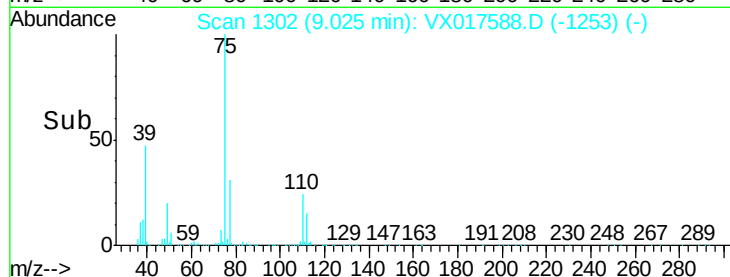
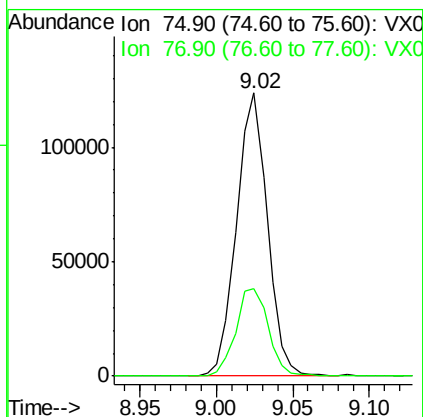
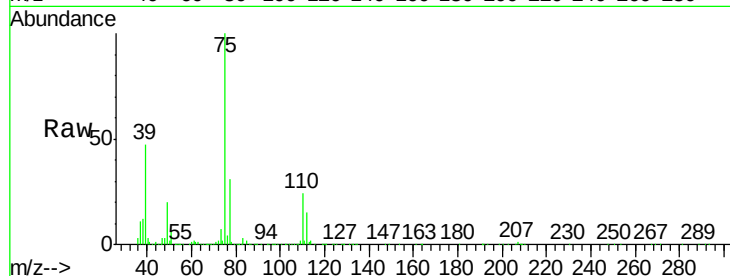
77 30.9 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.179 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

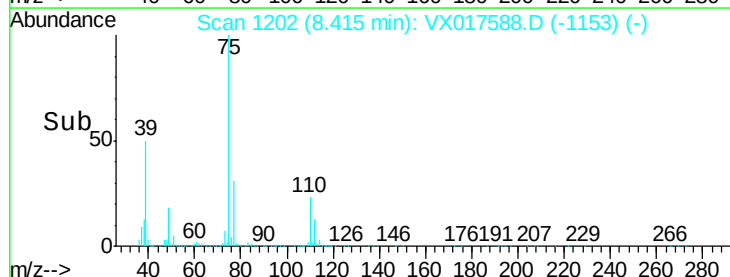
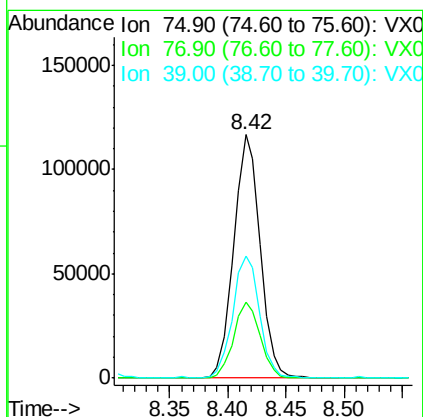
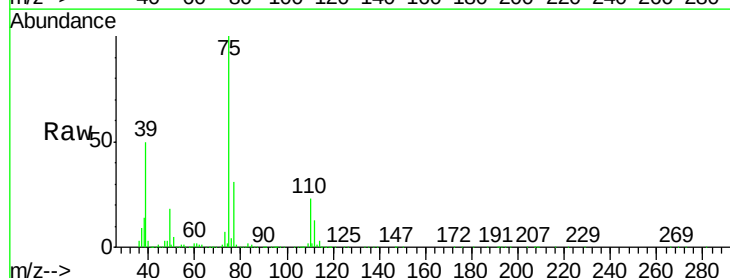
Tgt Ion: 75 Resp: 182981

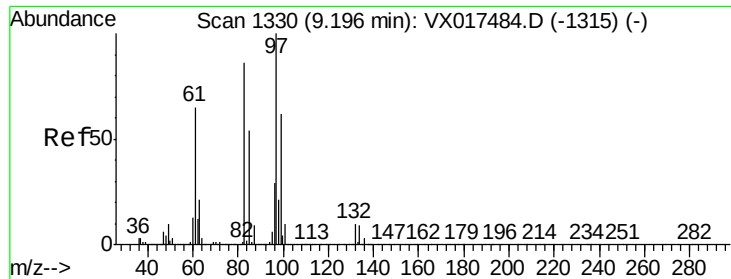
Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 49.7 41.8 62.8





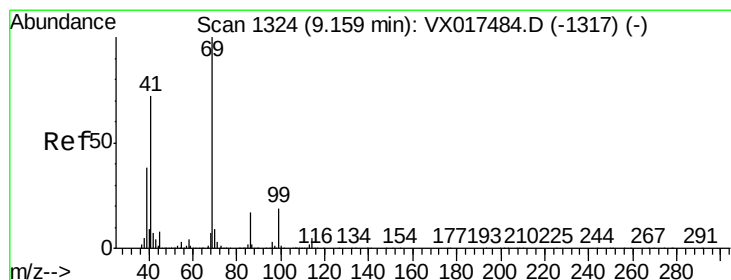
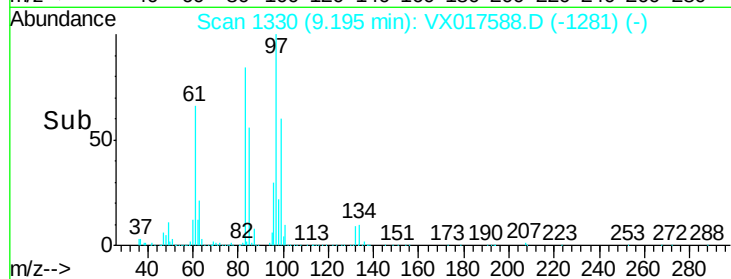
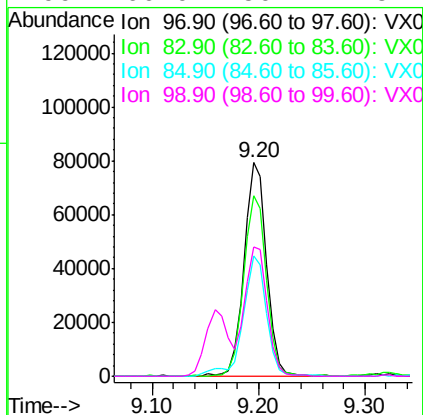
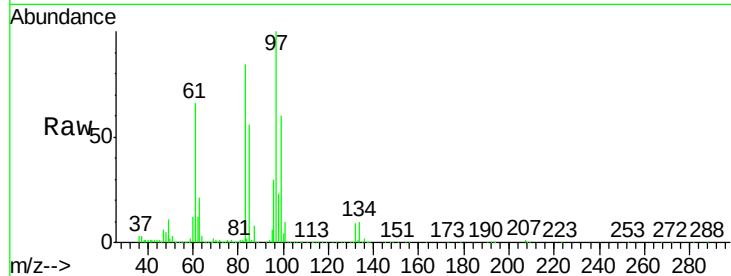
#55
 1,1,2-Trichloroethane
 Concen: 19.717 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	117798		
83	84.4	67.6	101.4	
85	56.1	44.6	67.0	
99	60.0	50.2	75.4	

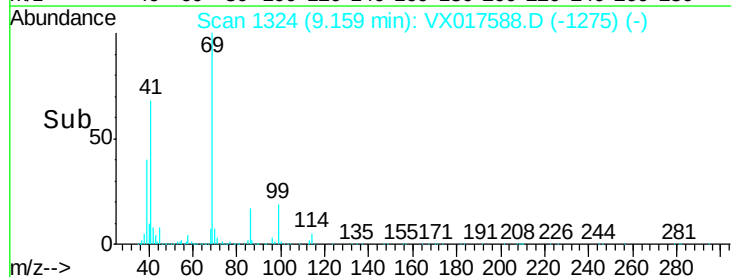
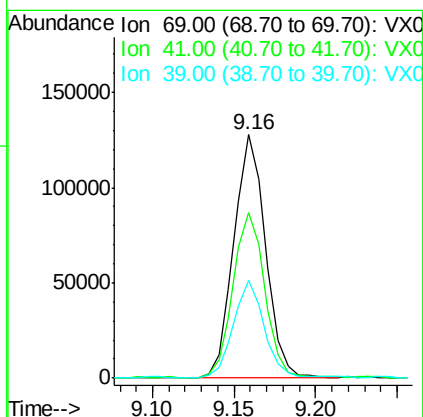
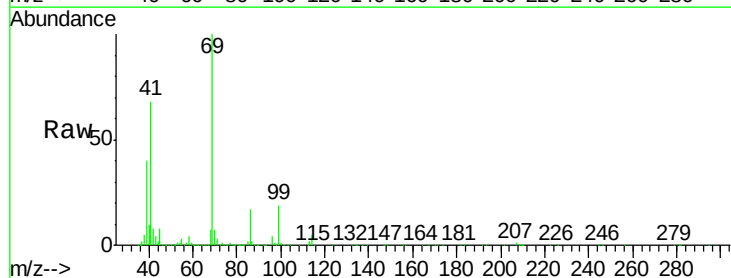
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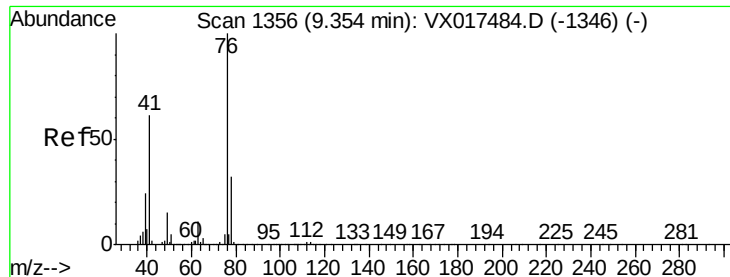
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#56
 Ethyl methacrylate
 Concen: 19.248 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	173251		
41	67.6	55.0	82.6	
39	38.7	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 19.377 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 76 Resp: 190625

Ion Ratio Lower Upper

76 100

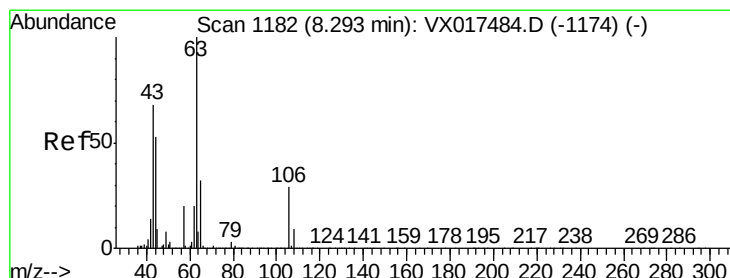
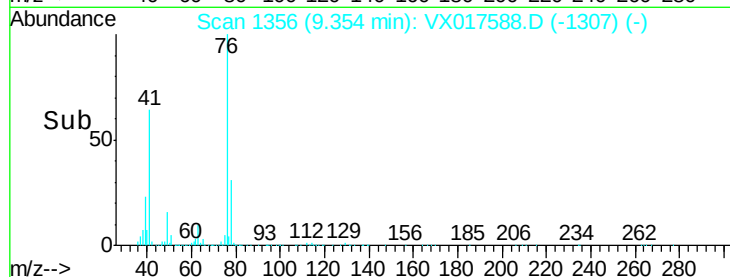
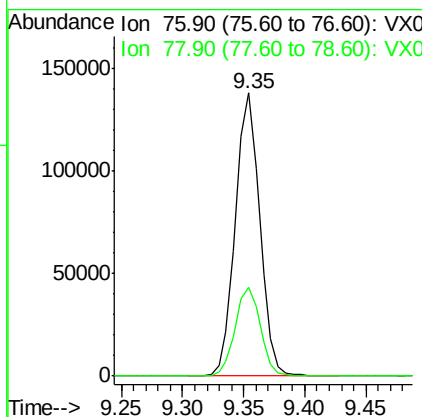
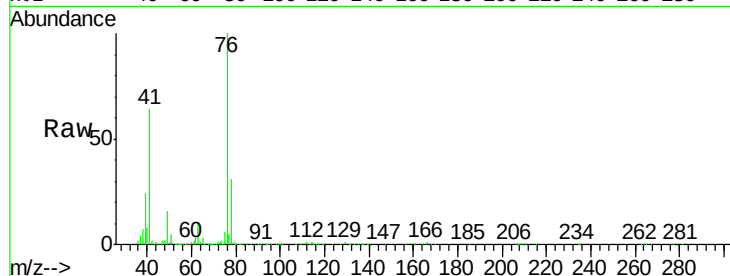
78 32.3 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 86.922 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017588.D

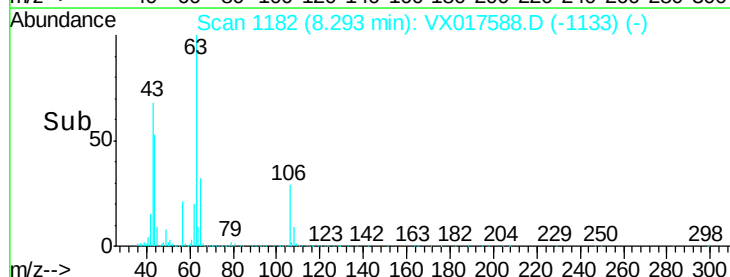
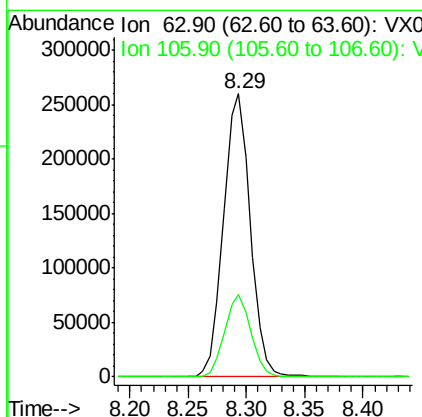
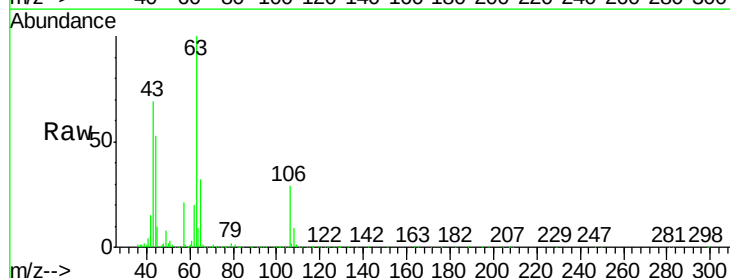
Acq: 25 Jul 2020 12:12

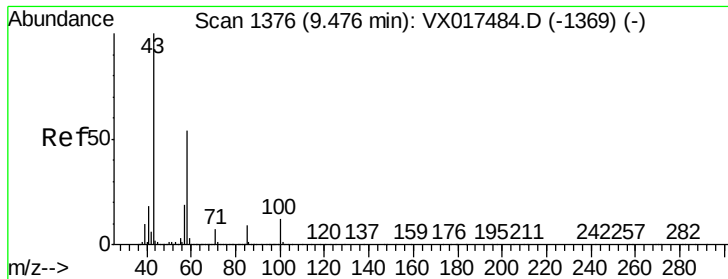
Tgt Ion: 63 Resp: 412200

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





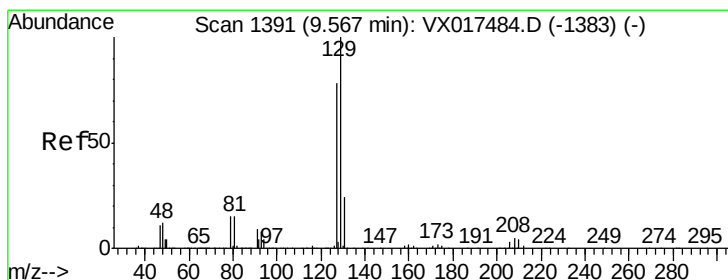
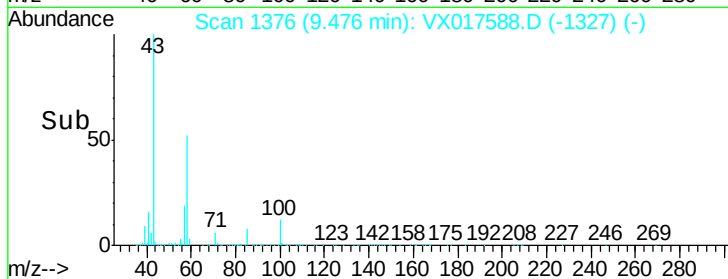
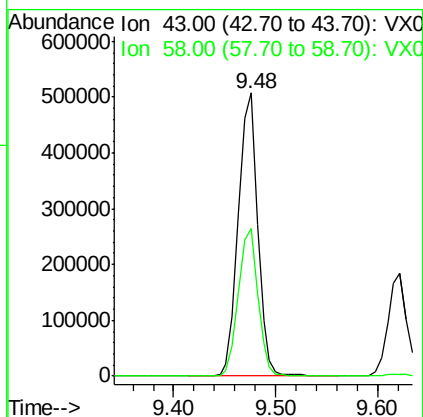
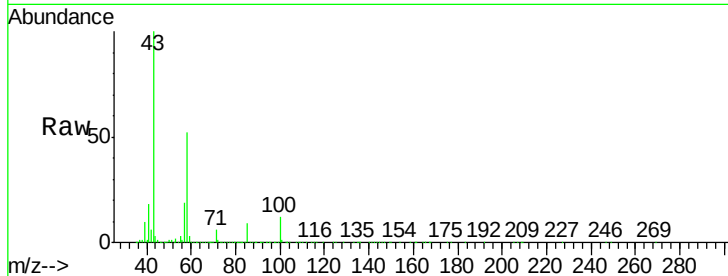
#59
2-Hexanone
Concen: 105.077 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion: 43 Resp: 664705
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8

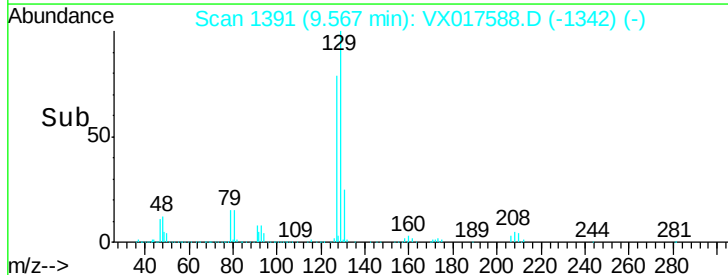
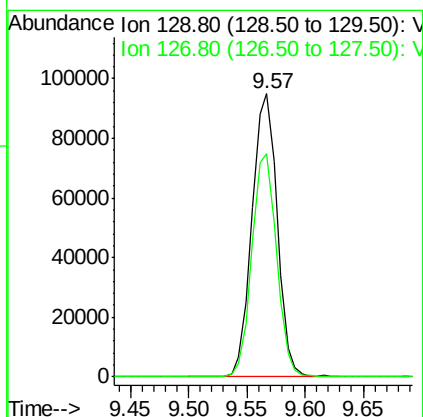
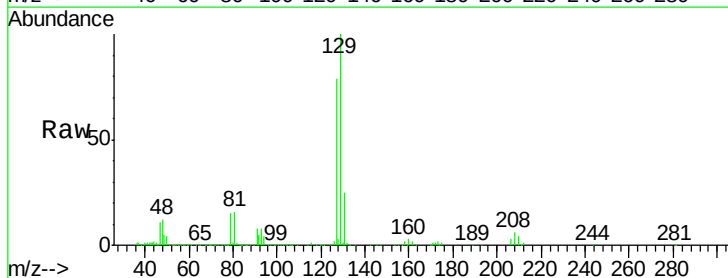
Manual Integrations
APPROVED

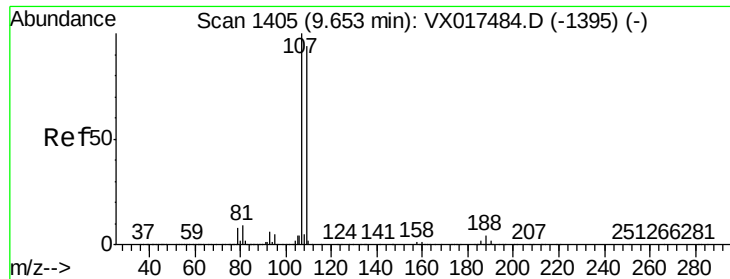
MMDadoda
7/27/2020 11:02:20 AM



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 129 Resp: 143795
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.006 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 107 Resp: 127255

Ion Ratio Lower Upper

107 100

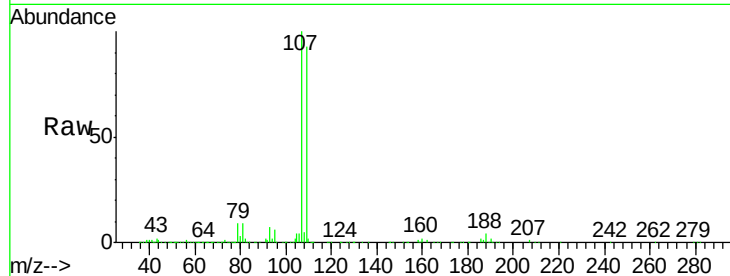
109 92.3 74.9 112.3

Manual Integrations

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7/27/2020 11:02:20 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

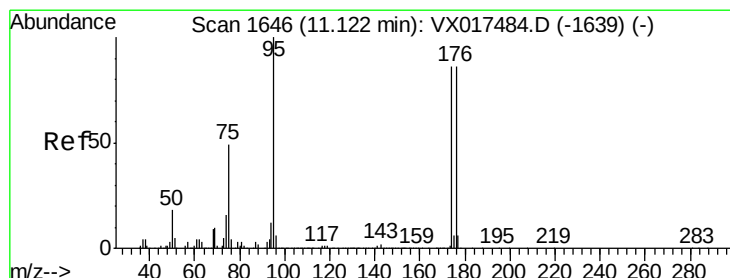
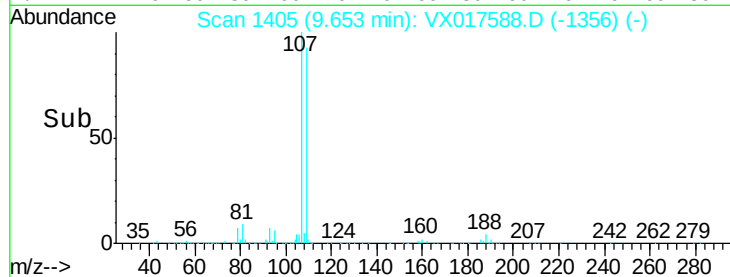
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.634 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

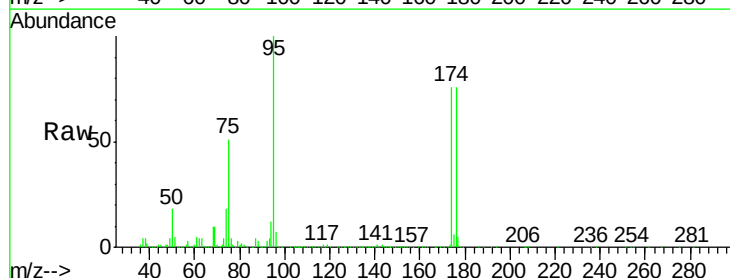
Tgt Ion: 95 Resp: 366220

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.0

176 80.1 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

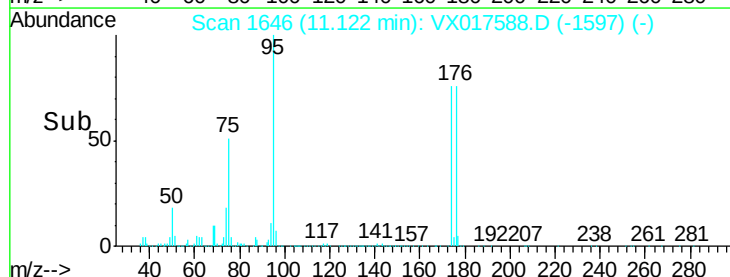
300000

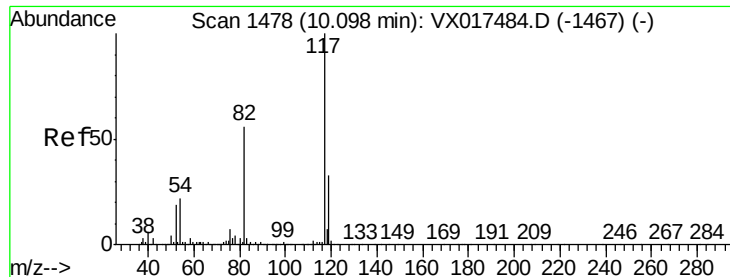
200000

100000

0

Time-->





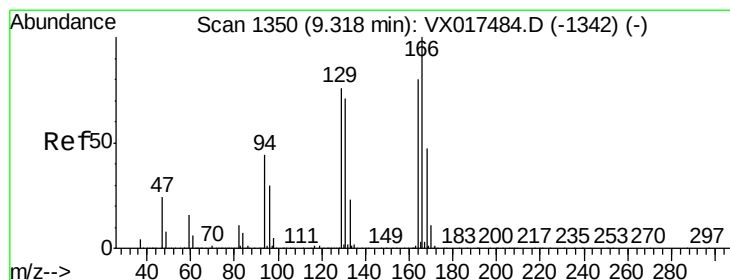
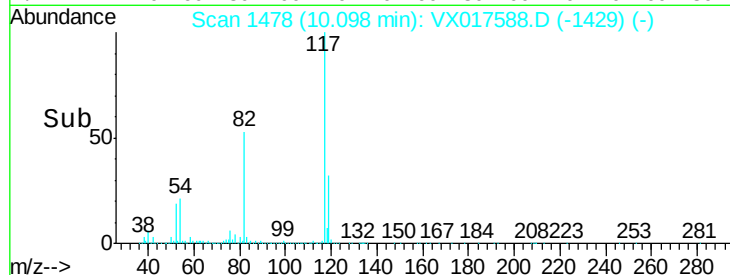
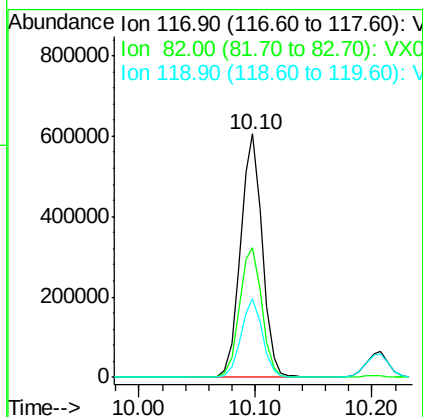
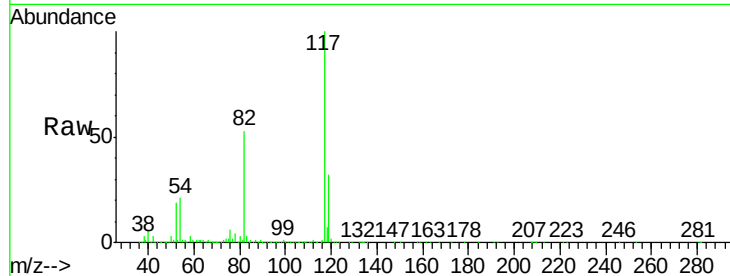
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.4	44.0	66.0
119	32.1	25.4	38.0

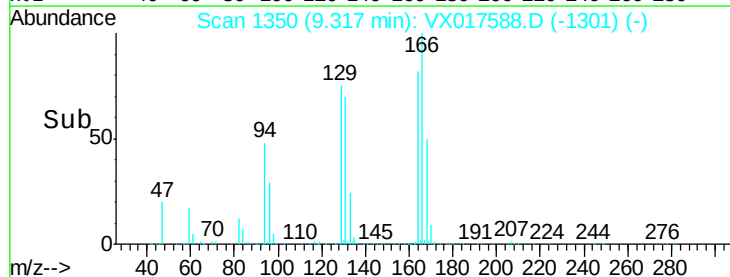
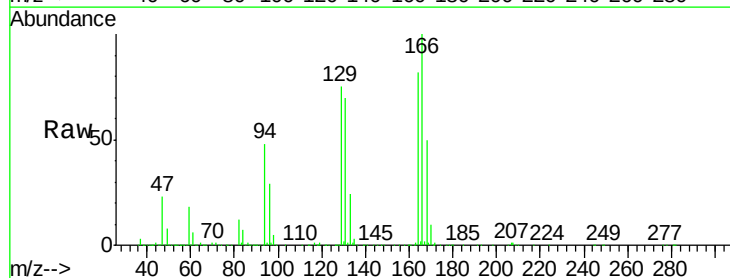
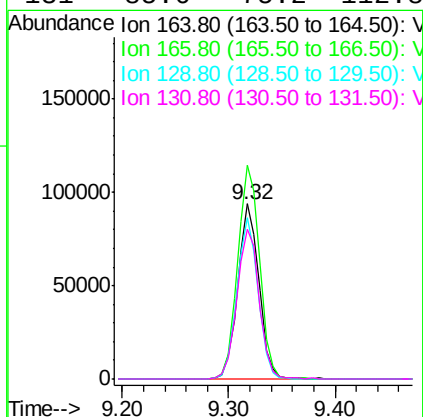
Manual Integrations
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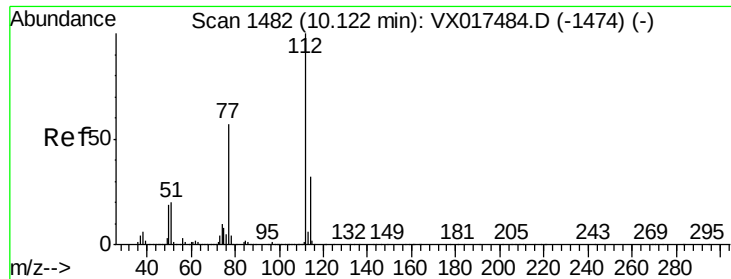
MMDadoda
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#64
Tetrachloroethene
Concen: 18.603 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.2	100.6	150.8
129	92.1	75.0	112.6
131	85.6	75.2	112.8





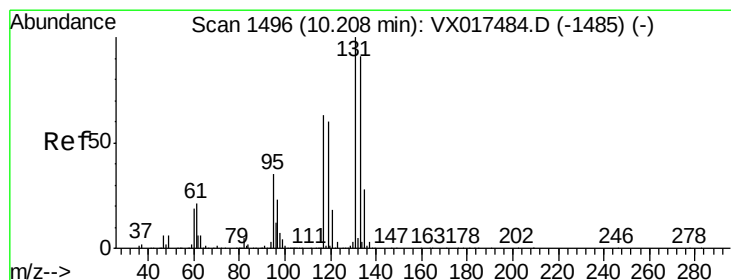
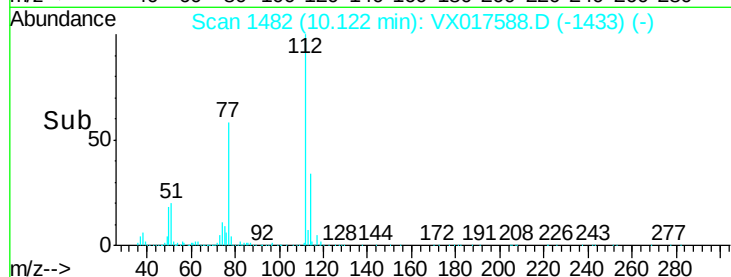
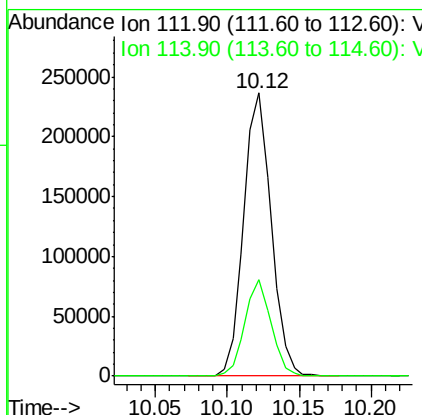
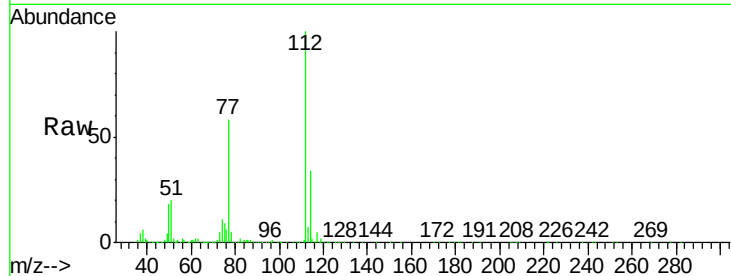
#65
Chlorobenzene
Concen: 18.478 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampled :
VX0724WBS03

Tgt Ion:112 Resp: 313843
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5

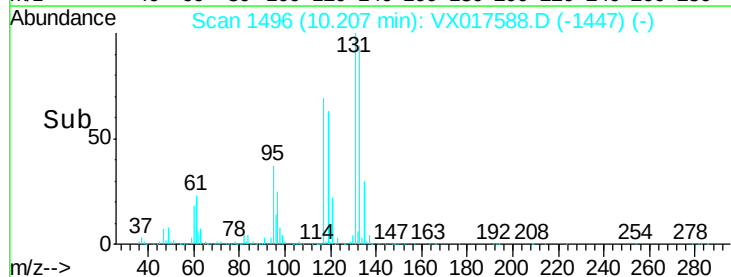
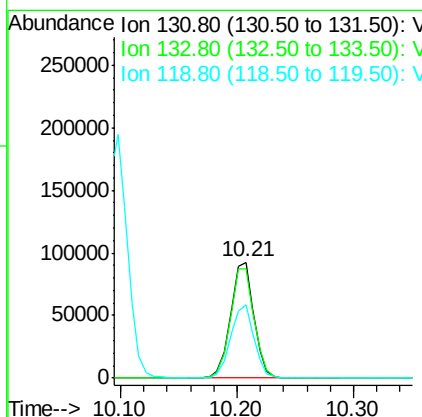
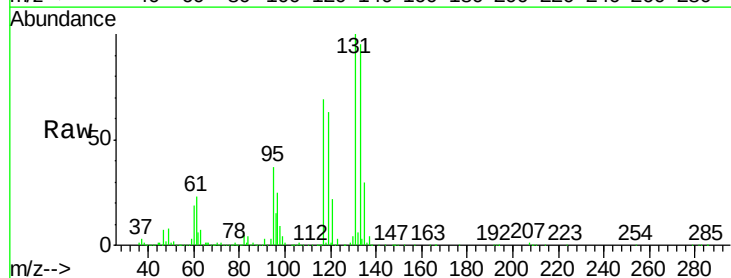
Manual Integrations
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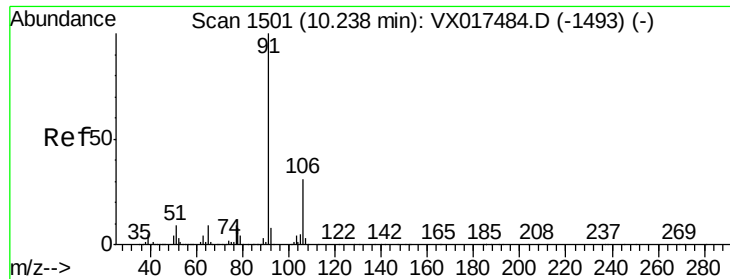
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.868 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:131 Resp: 129337
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 63.0 31.1 93.3





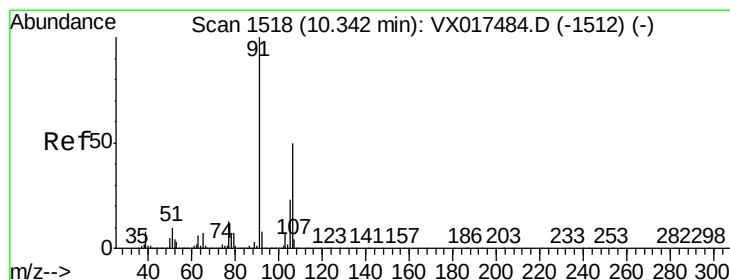
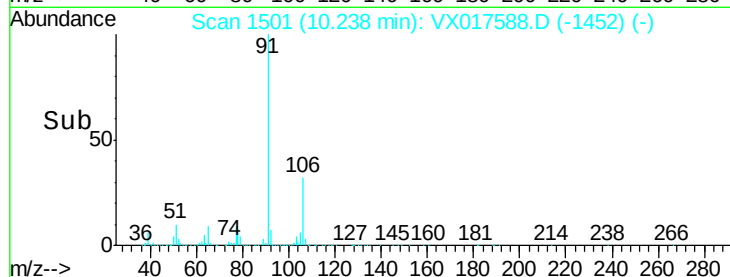
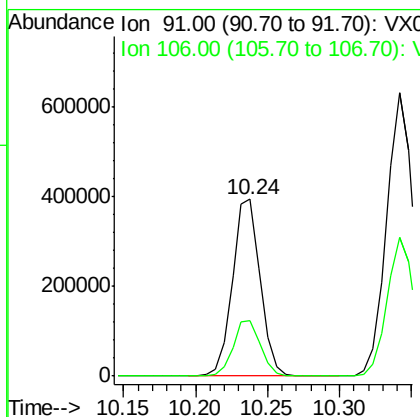
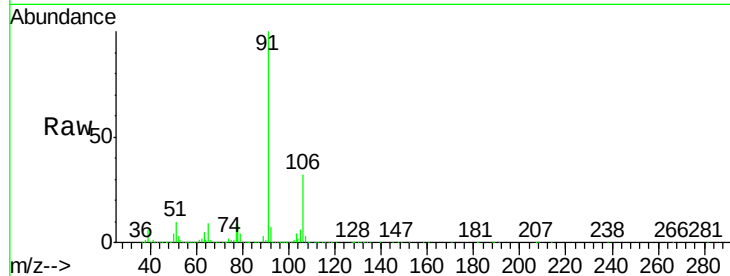
#67
Ethyl Benzene
Concen: 18.715 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion: 91 Resp: 530612
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6

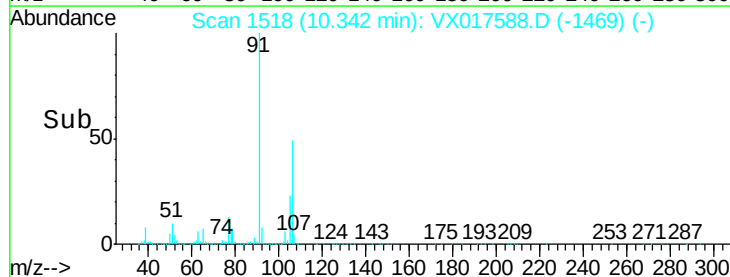
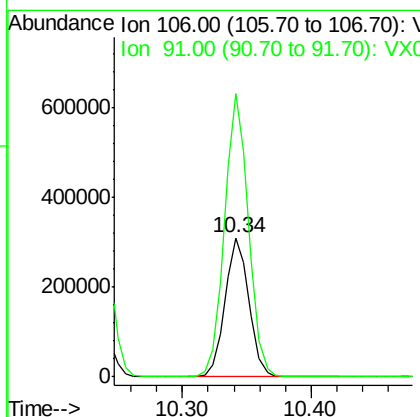
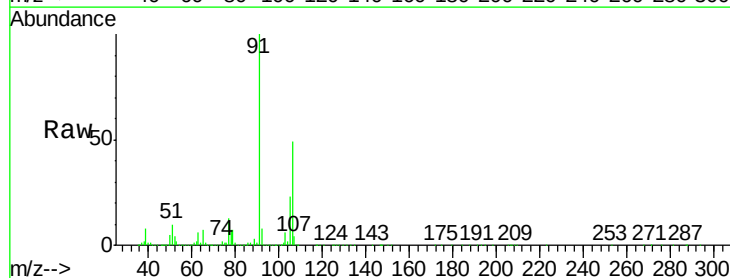
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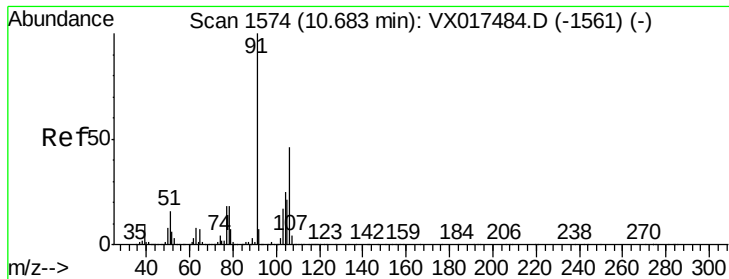
MMDadoda
7/27/2020 11:02:20 AM



#68
m/p-Xylenes
Concen: 36.898 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 106 Resp: 405278
Ion Ratio Lower Upper
106 100
91 203.5 160.9 241.3





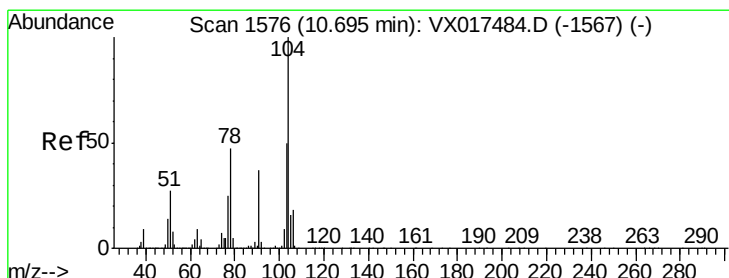
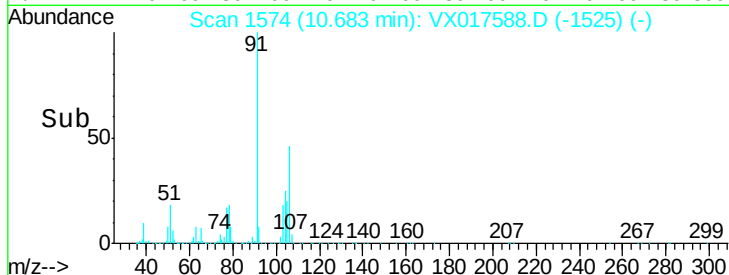
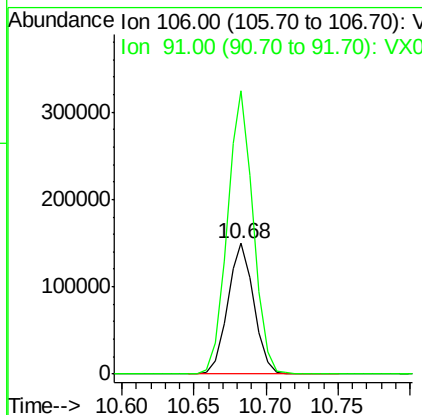
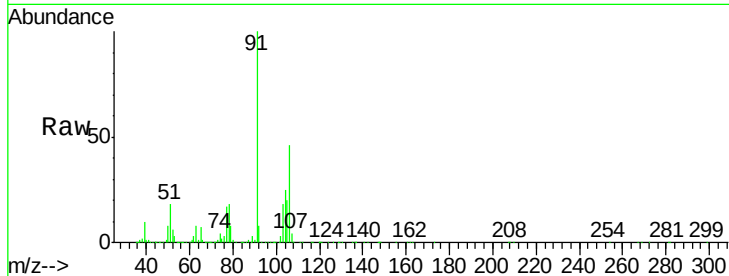
#69
o-Xylene
Concen: 18.080 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion:106 Resp: 190996
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6

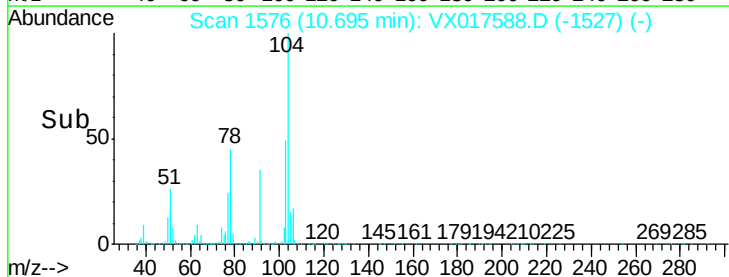
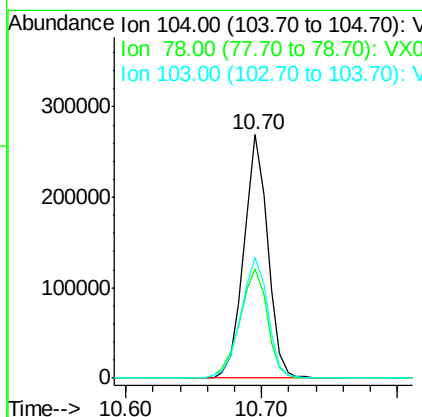
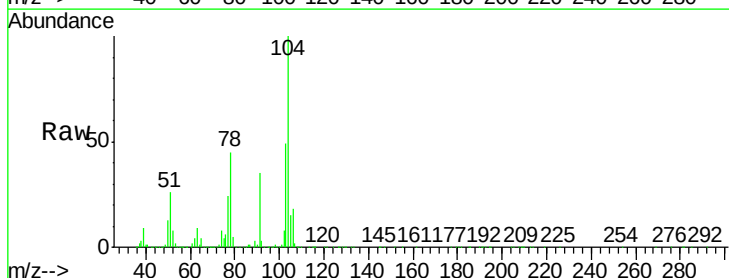
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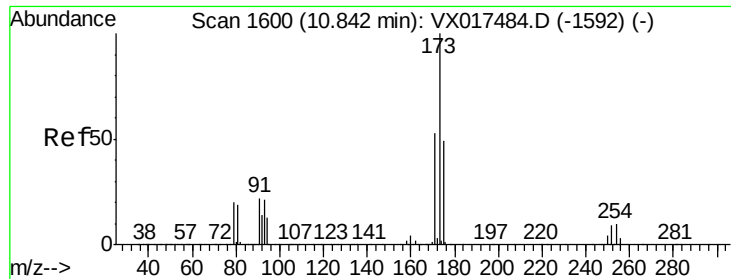
MMDadoda
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#70
Styrene
Concen: 18.435 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:104 Resp: 331336
Ion Ratio Lower Upper
104 100
78 51.6 42.5 63.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 17.929 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

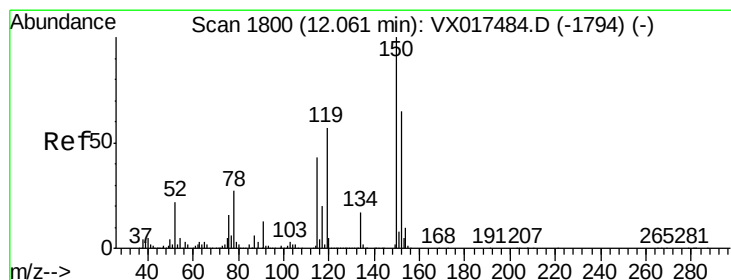
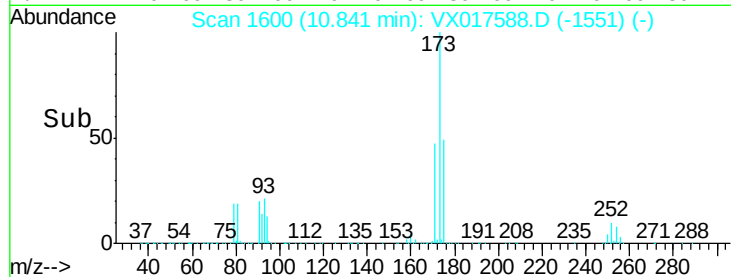
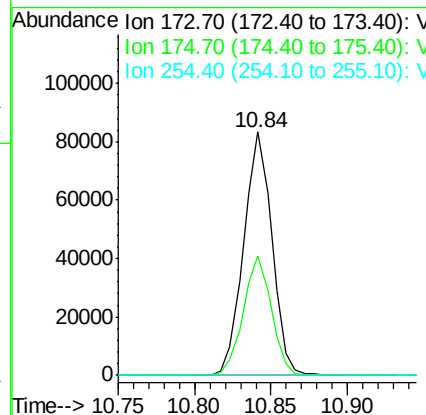
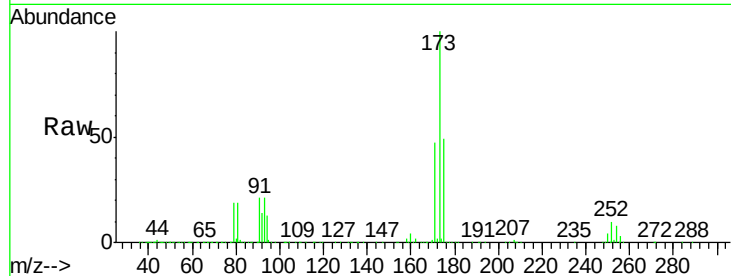
ClientSampleId :

VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	106479		
175	48.8	23.8	71.5	
254	0.1	0.1	0.1#	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

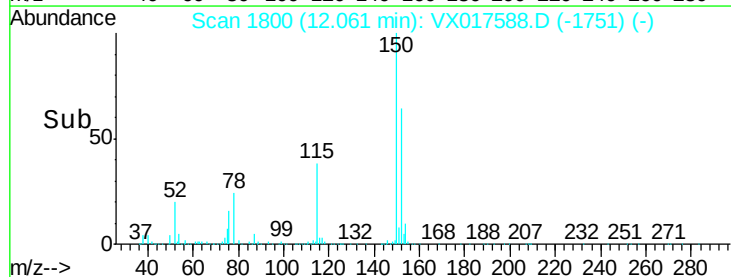
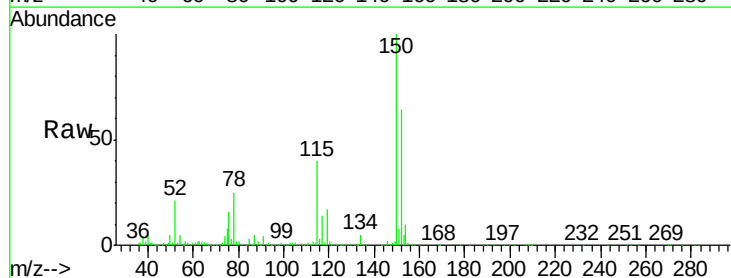
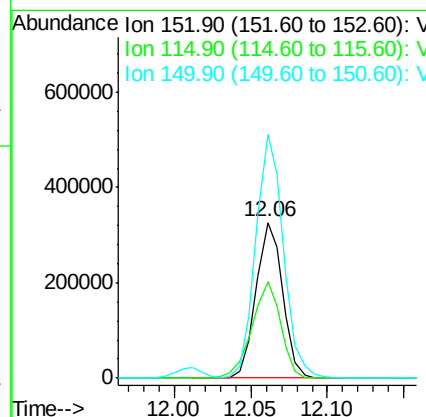
RT: 12.06 min Scan# 1800

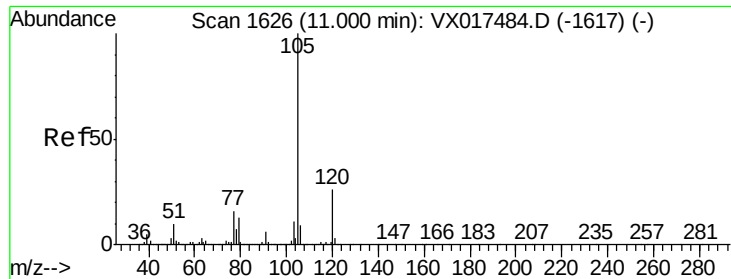
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	393661		
115	67.0	65.5	196.6	
150	163.1	0.0	412.6	





#73

Isopropylbenzene

Concen: 17.541 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 105 Resp: 473710

Ion Ratio Lower Upper

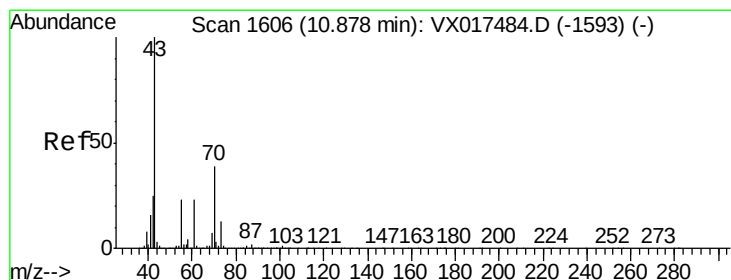
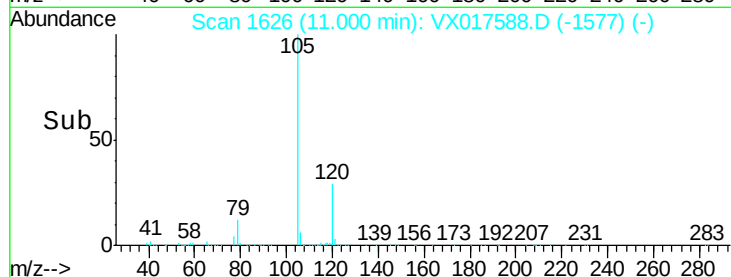
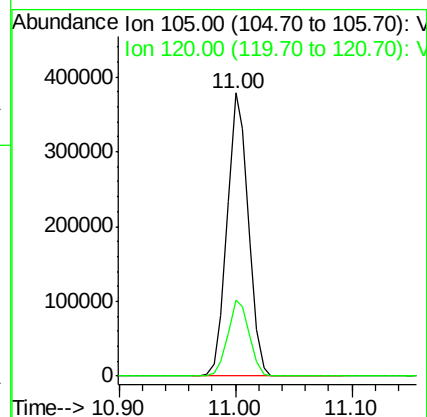
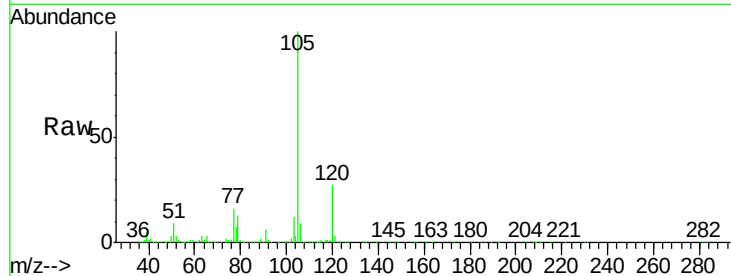
105 100

120 27.3 13.3 39.8

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#74

N-ethyl acetate

Concen: 19.116 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion: 43 Resp: 229367

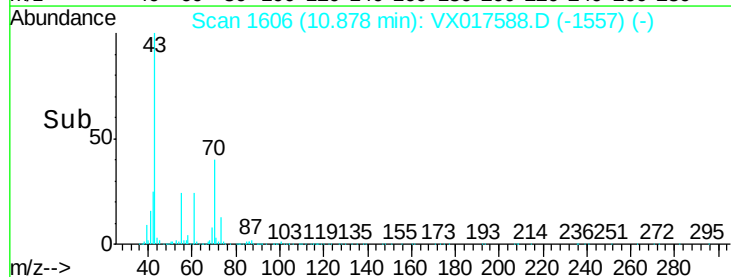
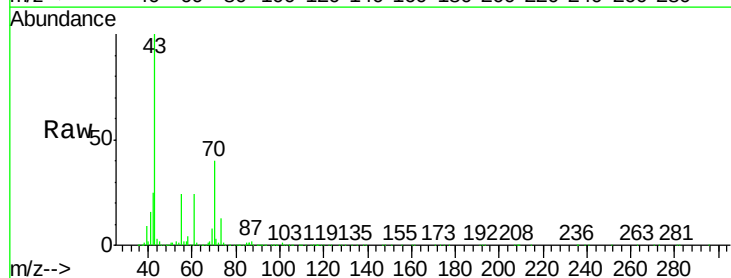
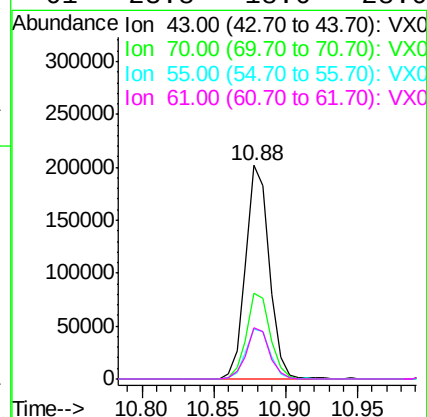
Ion Ratio Lower Upper

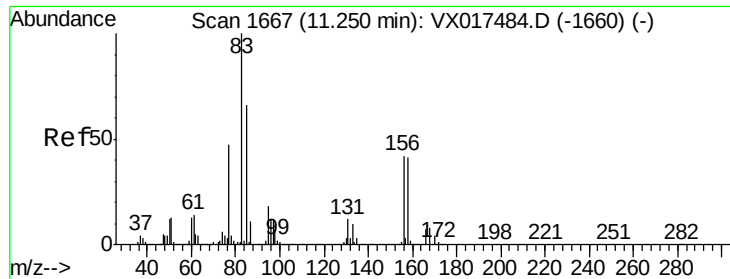
43 100

70 40.3 32.3 48.5

55 24.2 18.4 27.6

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.345 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBS03

Tgt Ion: 83 Resp: 154638

Ion Ratio Lower Upper

83 100

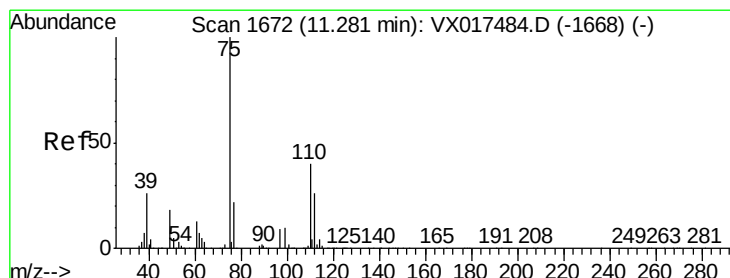
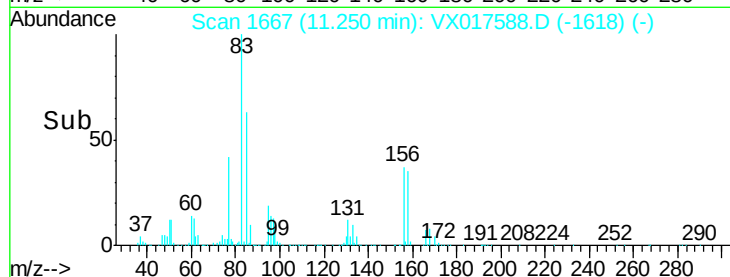
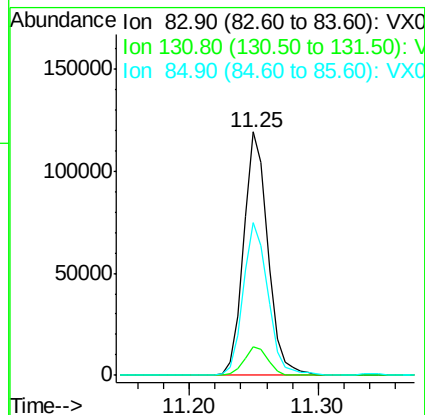
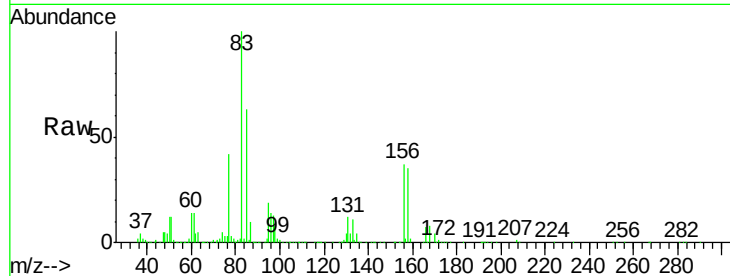
131 11.8 5.5 16.5

85 64.7 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.939 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017588.D

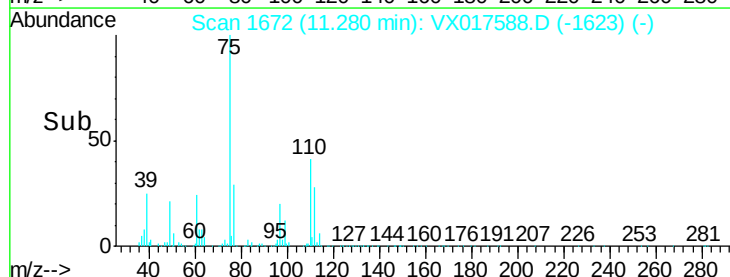
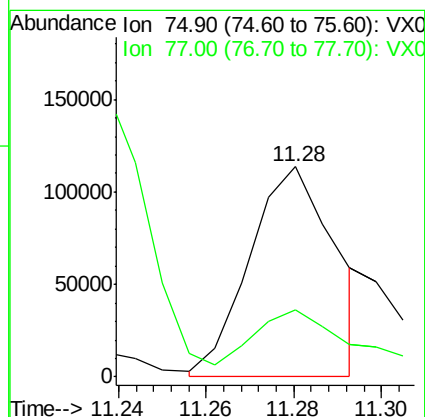
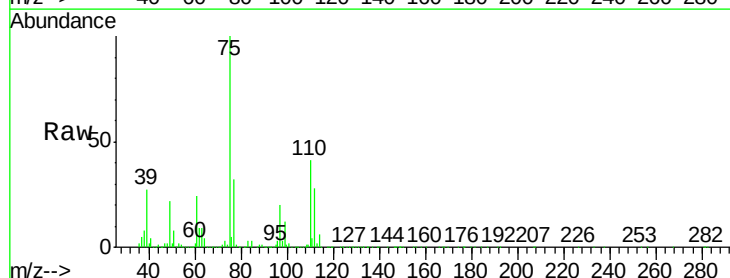
Acq: 25 Jul 2020 12:12

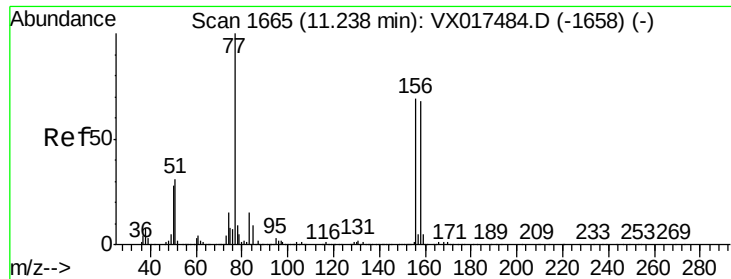
Tgt Ion: 75 Resp: 153360

Ion Ratio Lower Upper

75 100

77 38.6 21.8 65.3





#77

Bromobenzene

Concen: 17.782 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

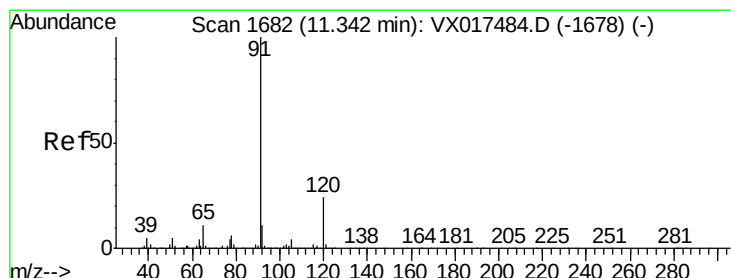
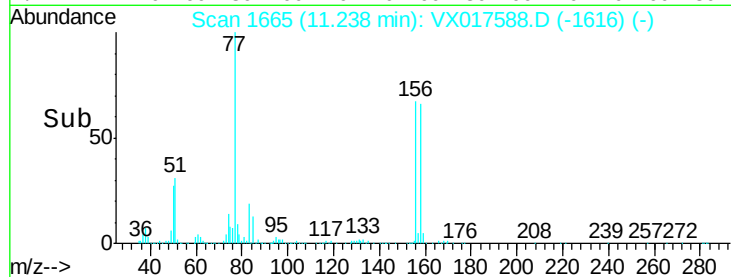
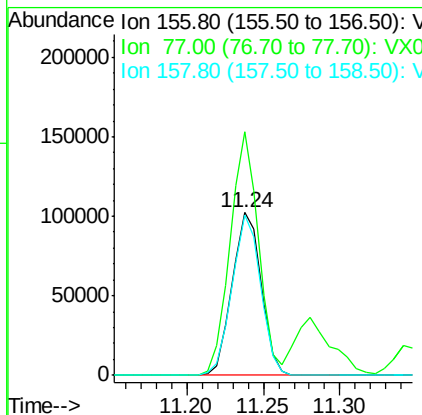
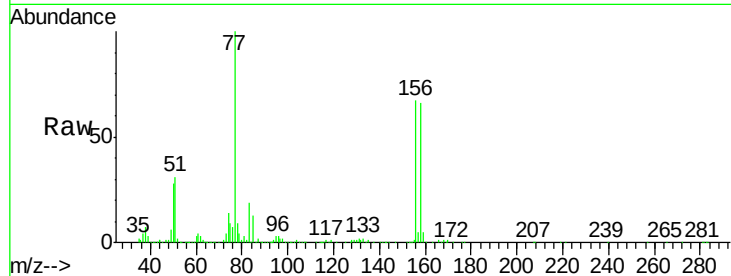
ClientSampleId :

VX0724WBS03

Tgt Ion:	156	Resp:	134436
Ion Ratio	Lower	Upper	
156	100		
77	146.3	75.0	225.0
158	97.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.066 ug/l

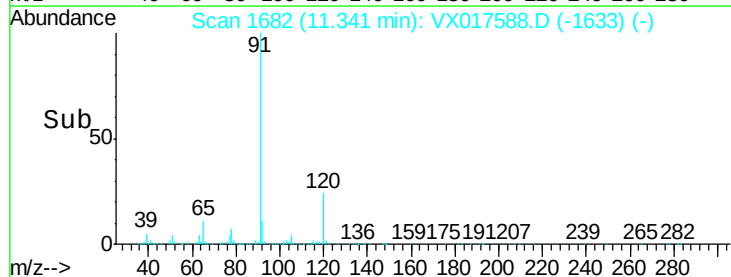
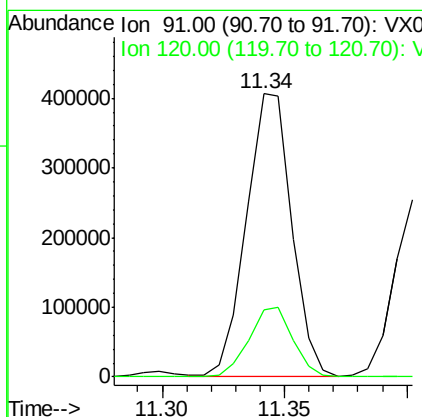
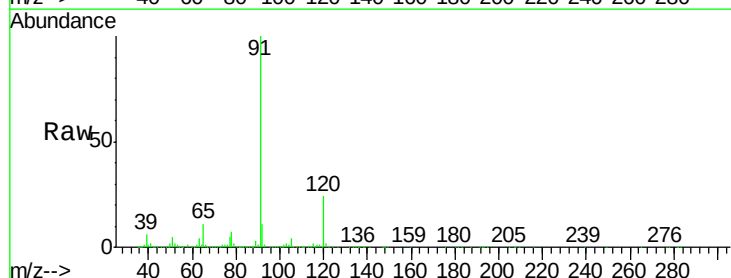
RT: 11.34 min Scan# 1682

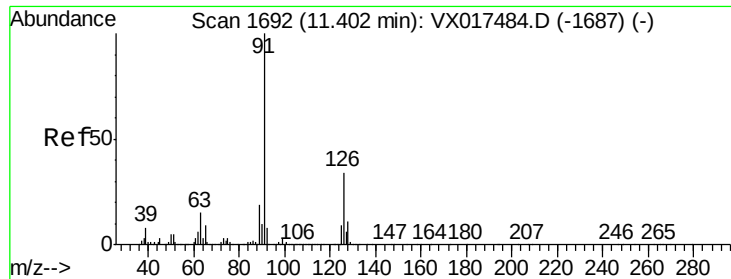
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	91	Resp:	519802
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





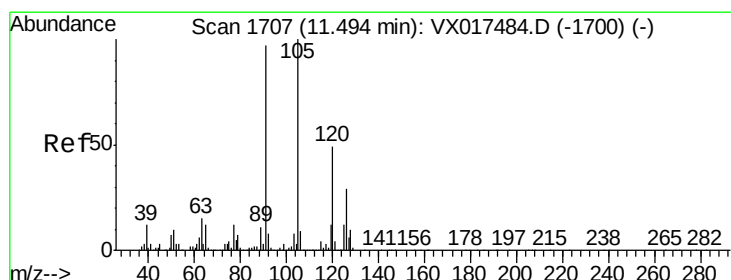
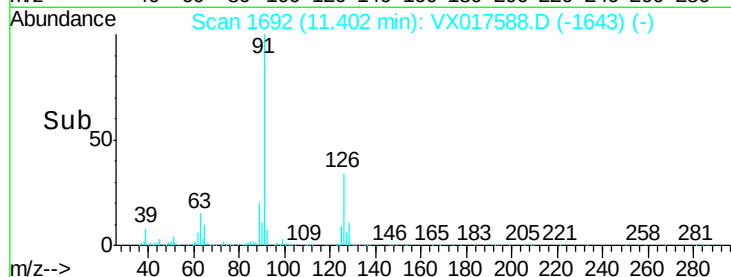
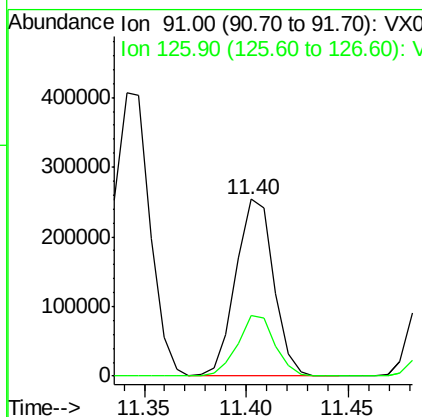
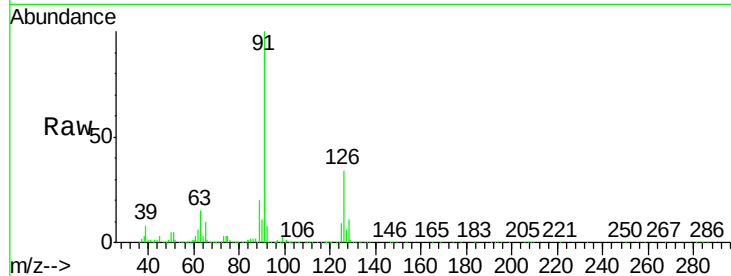
#79
2-Chlorotoluene
Concen: 17.214 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion: 91 Resp: 324793
Ion Ratio Lower Upper
91 100
126 34.3 17.5 52.5

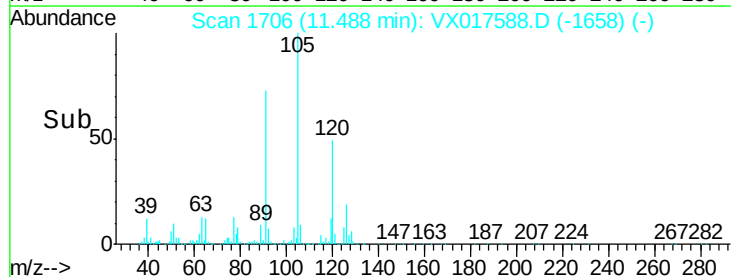
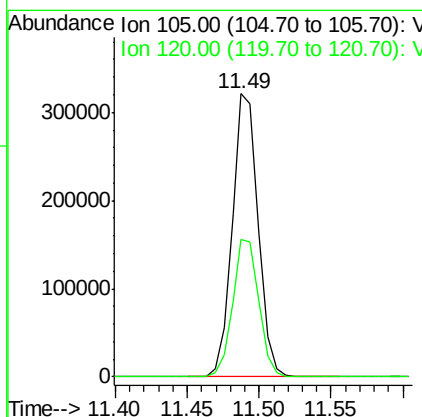
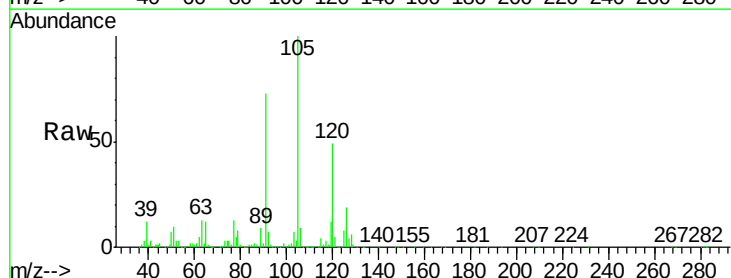
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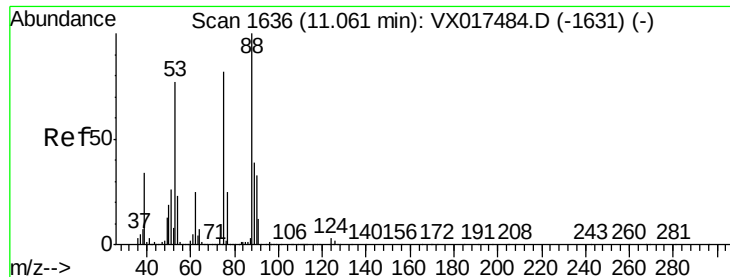
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 17.458 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 105 Resp: 402550
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 14.758 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

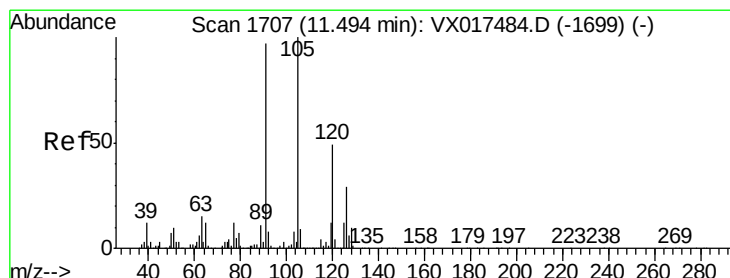
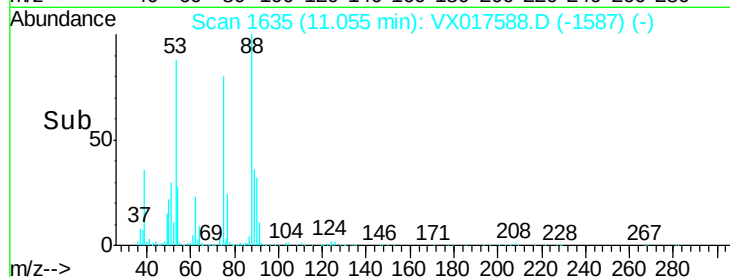
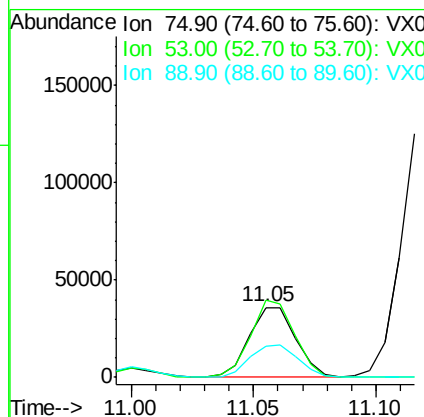
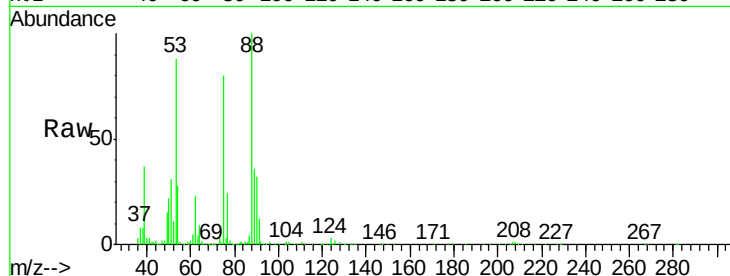
ClientSampleId :

VX0724WBS03

Tgt Ion:	75	Resp:	47429
Ion	Ratio	Lower	Upper
75	100		
53	103.8	75.9	113.9
89	48.5	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.475 ug/l

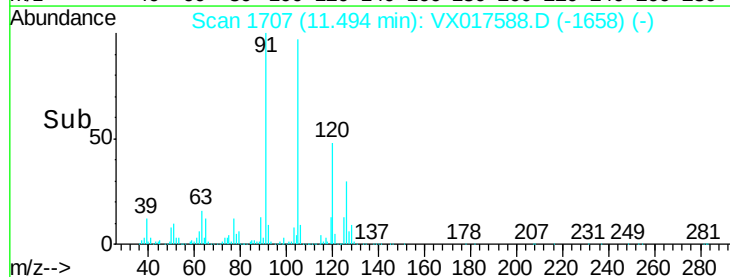
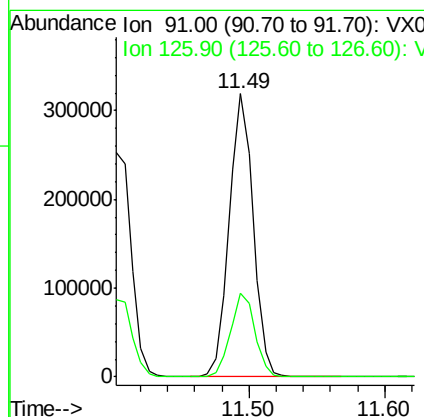
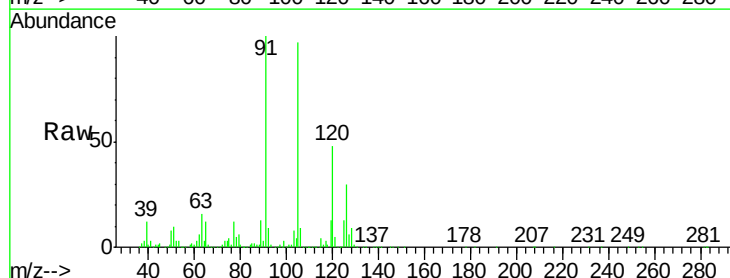
RT: 11.49 min Scan# 1707

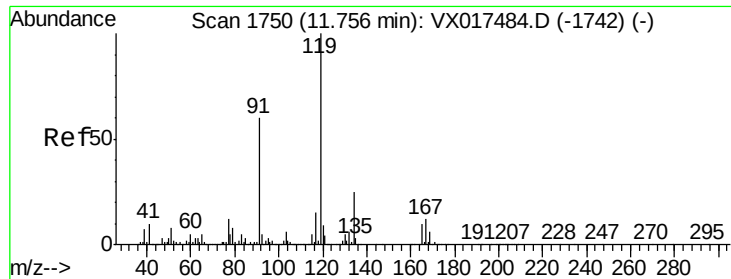
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion:	91	Resp:	388936
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.6





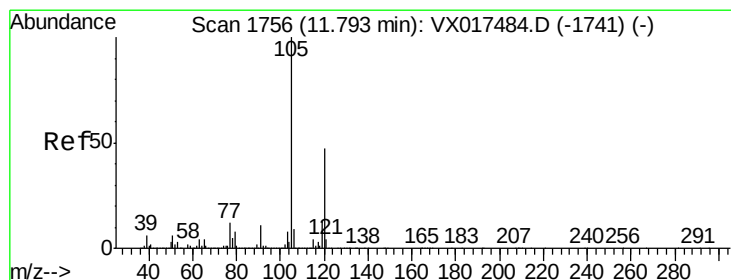
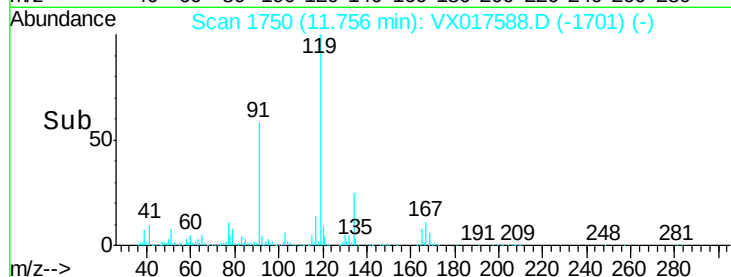
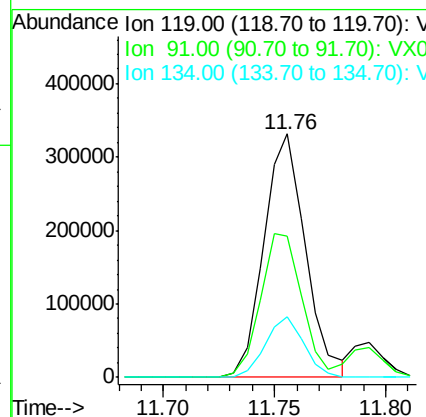
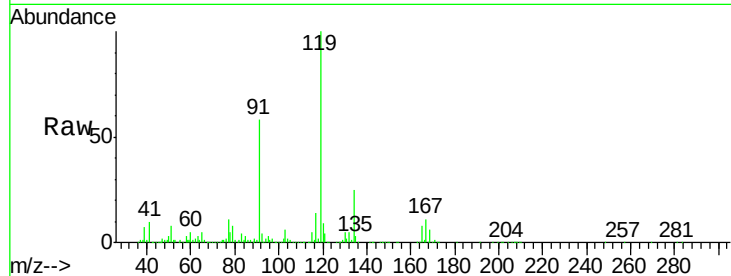
#83
 tert-Butylbenzene
 Concen: 19.504 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	430318		
91	58.7	29.3	88.0	
134	23.2	11.2	33.6	

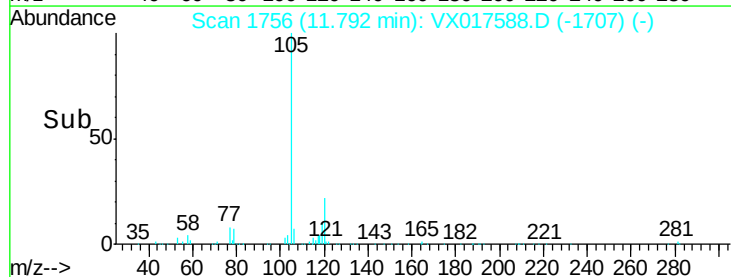
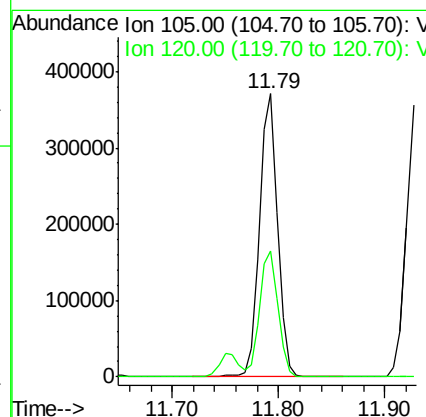
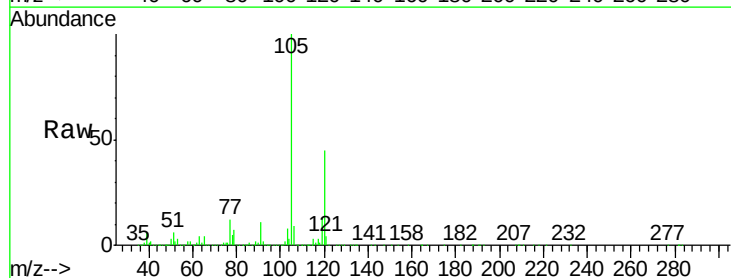
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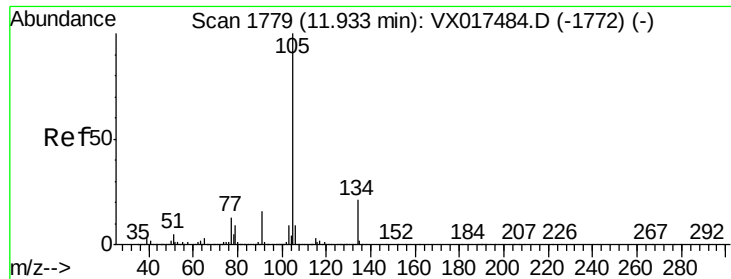
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.307 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	442782		
120	45.2	22.7	68.0	





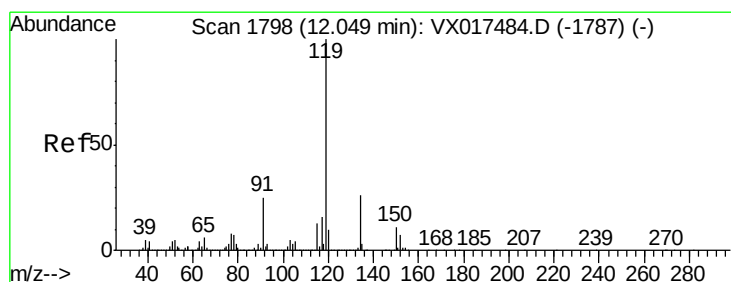
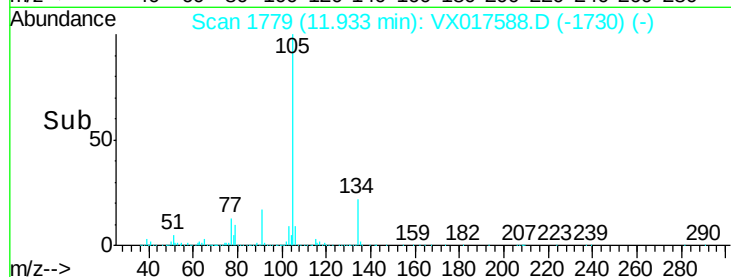
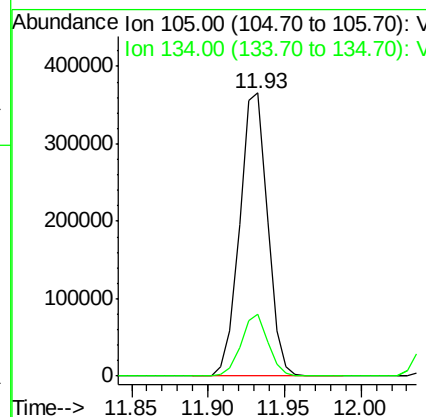
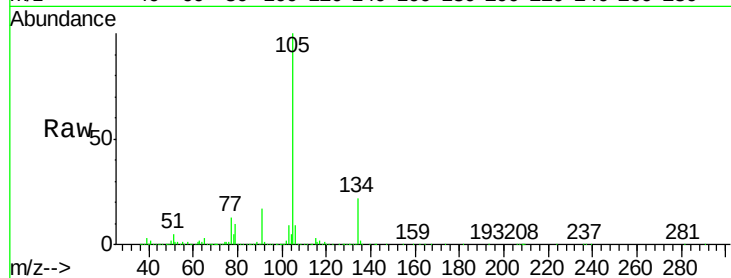
#85
 sec-Butylbenzene
 Concen: 17.948 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.2

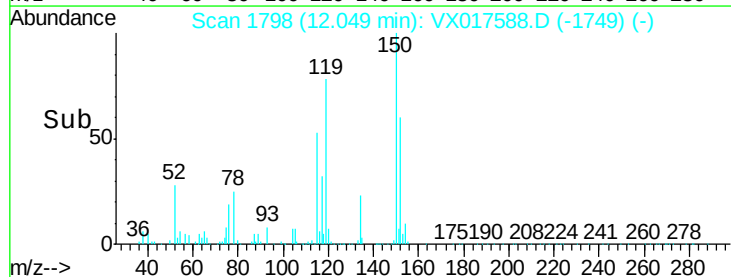
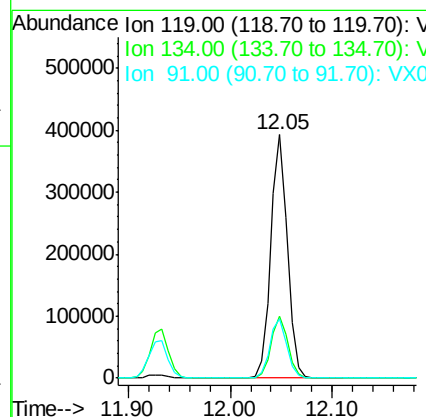
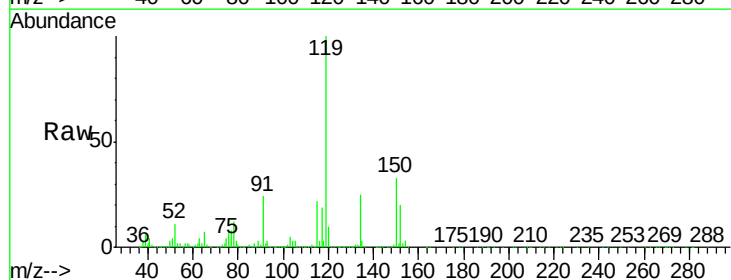
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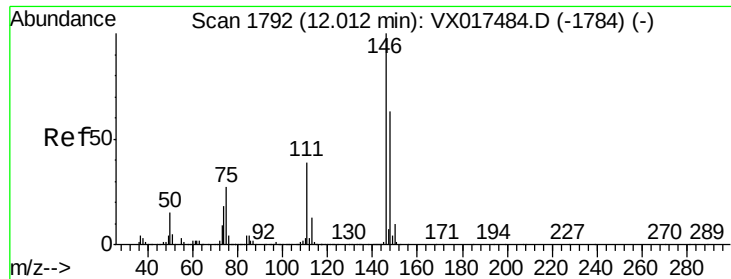
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#86
 p-Isopropyltoluene
 Concen: 18.208 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	25.2	12.1	36.3





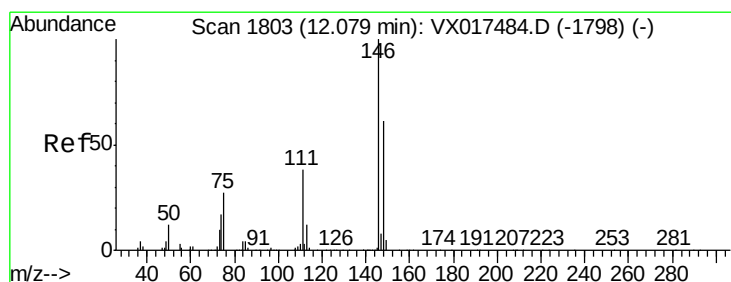
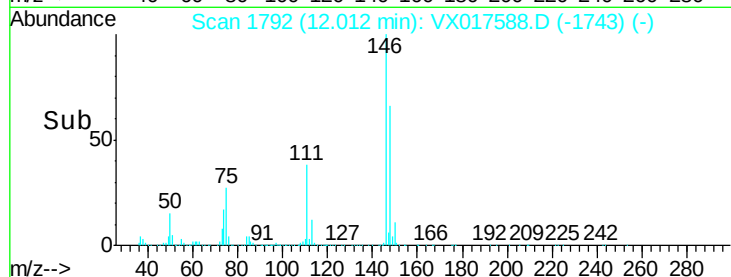
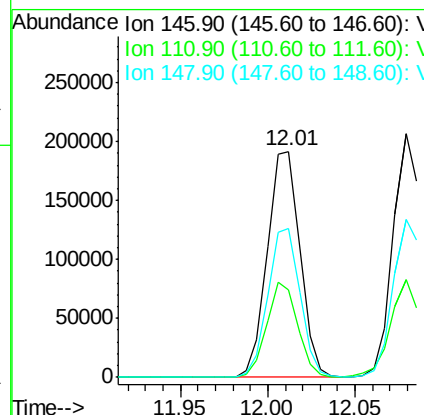
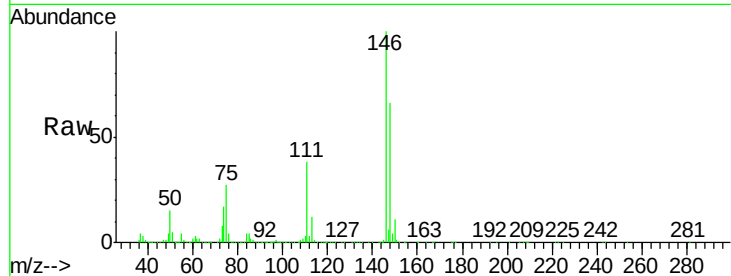
#87
 1,3-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.9	31.6	95.0

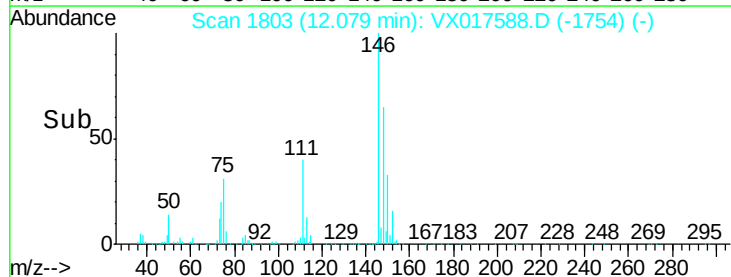
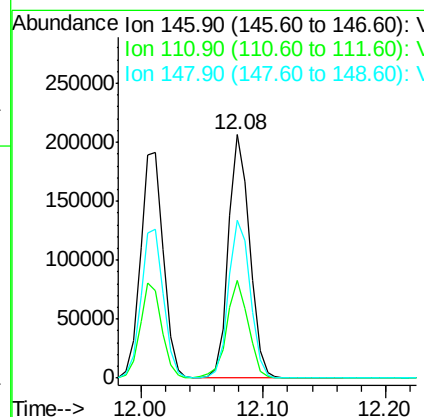
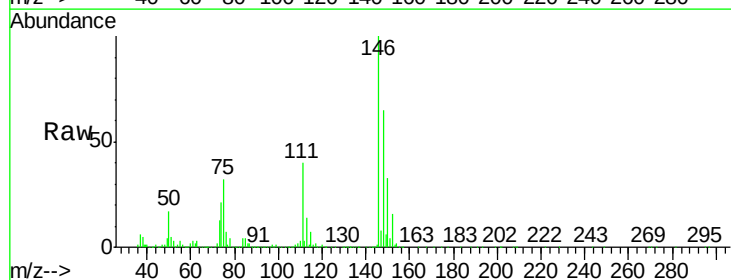
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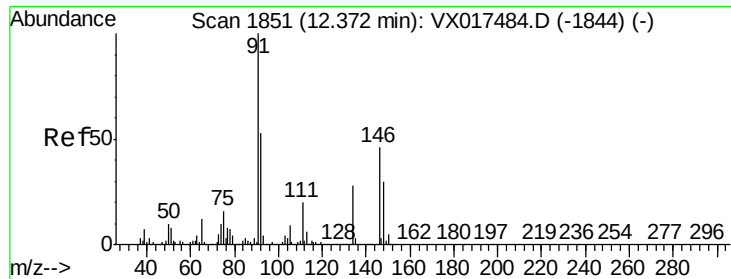
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#88
 1,4-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.3	57.8
148	66.8	32.2	96.6





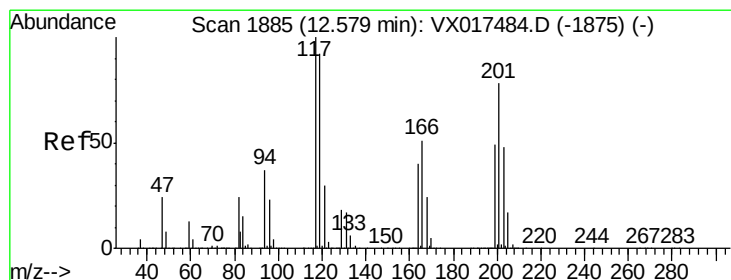
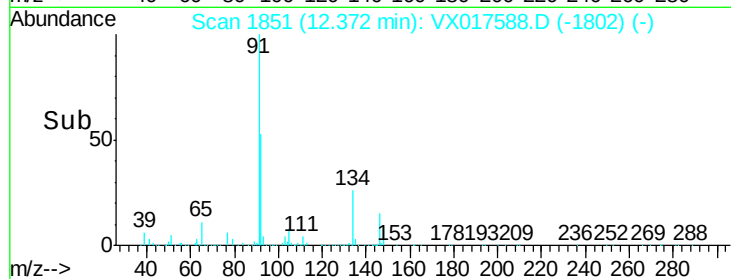
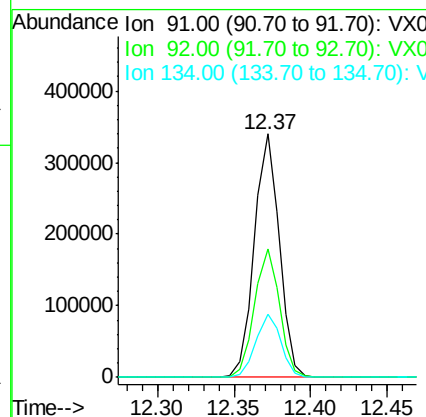
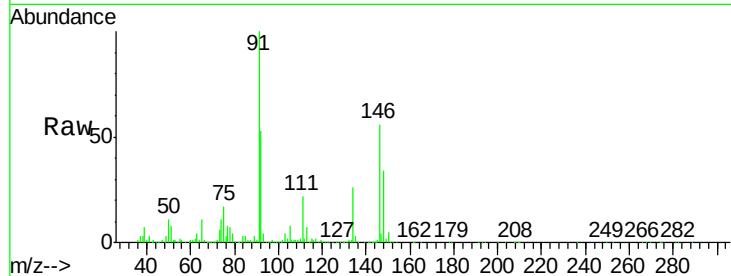
#89
n-Butylbenzene
Concen: 17.720 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	26.2	13.6	40.7

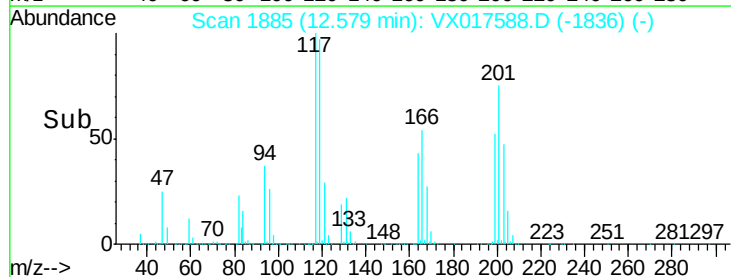
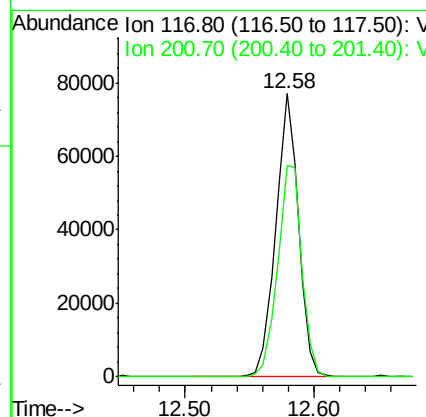
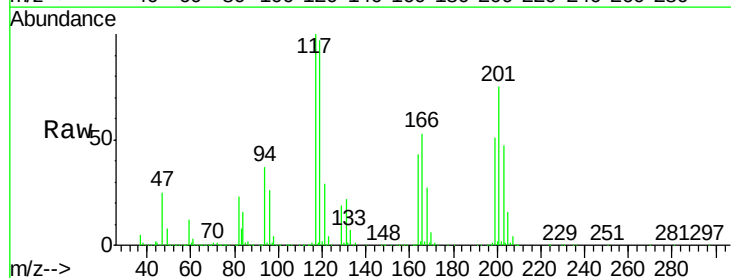
Manual Integrations
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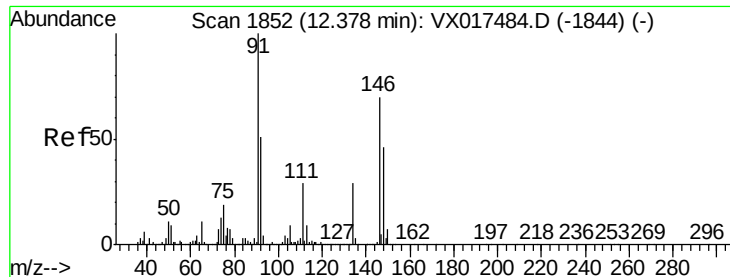
MMDadoda
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#90
Hexachloroethane
Concen: 19.717 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	42.2	126.6





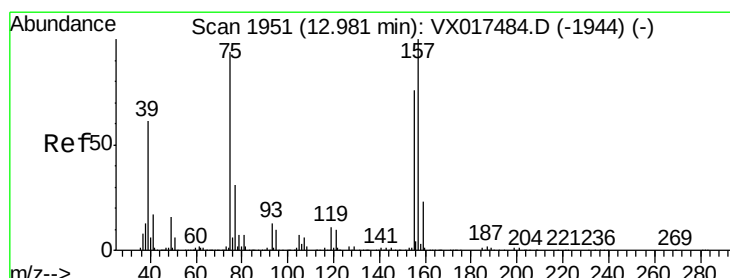
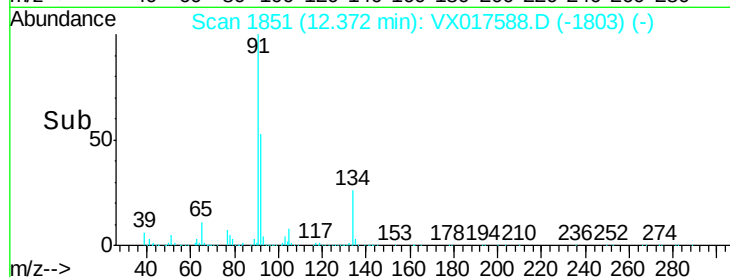
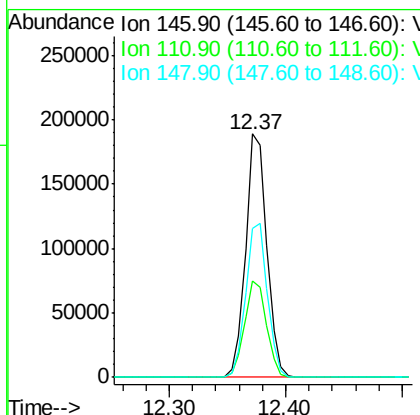
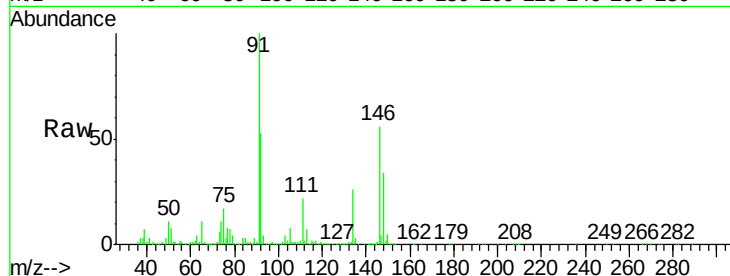
#91
1,2-Dichlorobenzene
Concen: 18.893 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	241073		
111	41.4	20.9	62.8	
148	64.7	32.8	98.4	

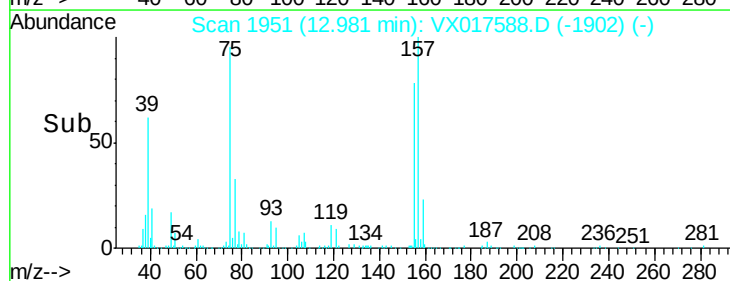
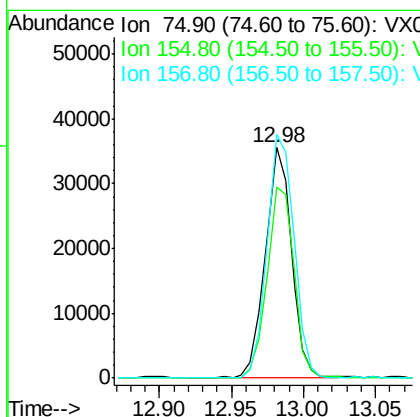
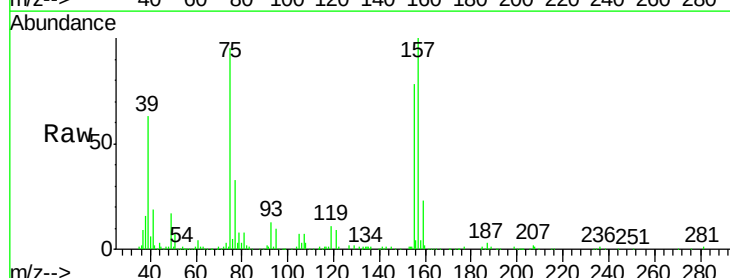
Manual Integrations
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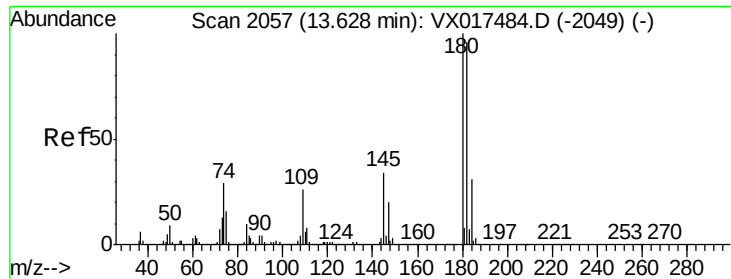
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.392 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44778		
155	85.0	42.3	126.8	
157	109.0	54.3	162.9	





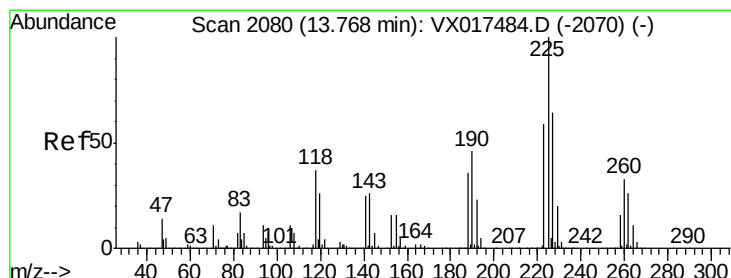
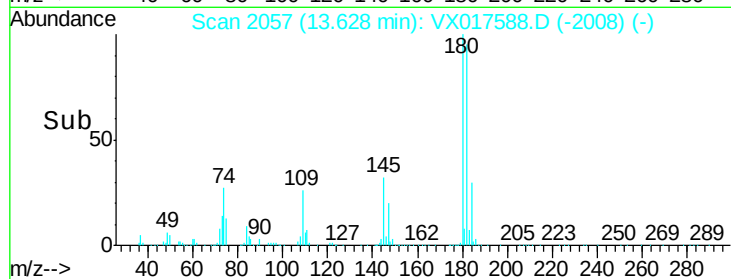
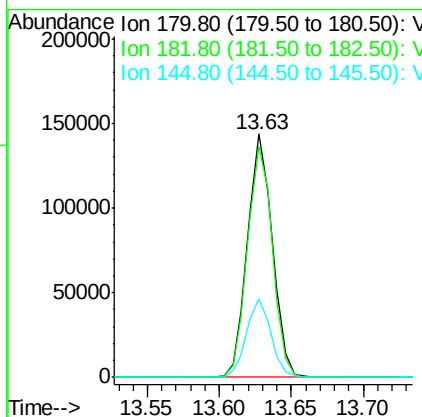
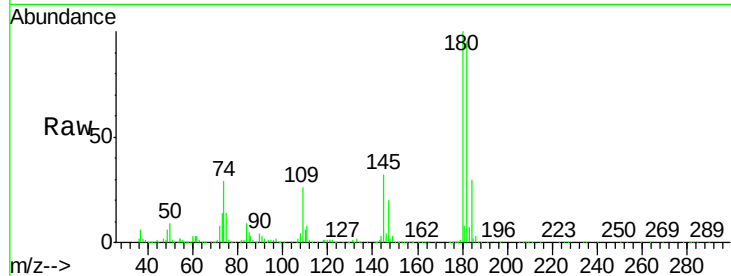
#93
 1,2,4-Trichlorobenzene
 Concen: 19.627 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170924		
182	95.4	47.5	142.6	
145	31.7	15.4	46.4	

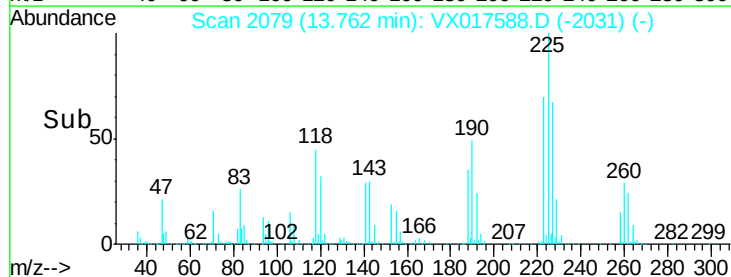
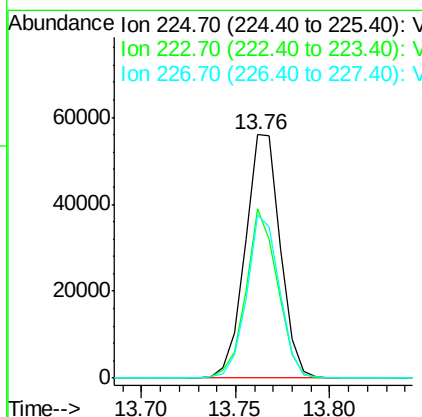
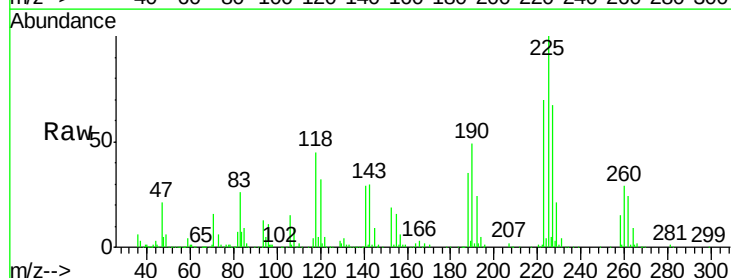
Manual Integrations
 APPROVED

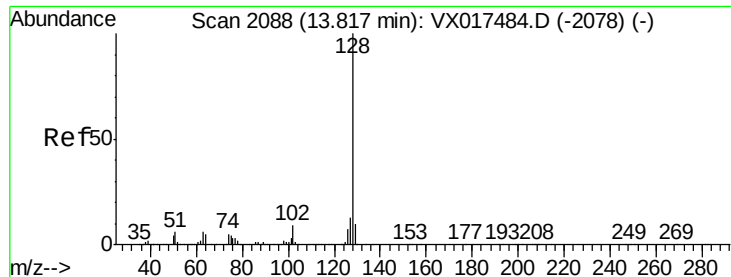
MMDadoda
 7/27/2020 11:02:20 AM



#94
 Hexachlorobutadiene
 Concen: 17.970 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72036		
223	63.0	30.3	90.9	
227	62.4	31.1	93.2	





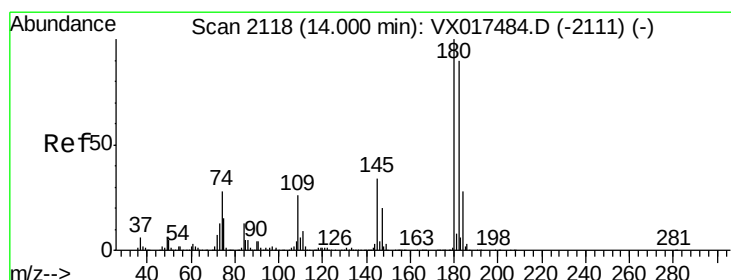
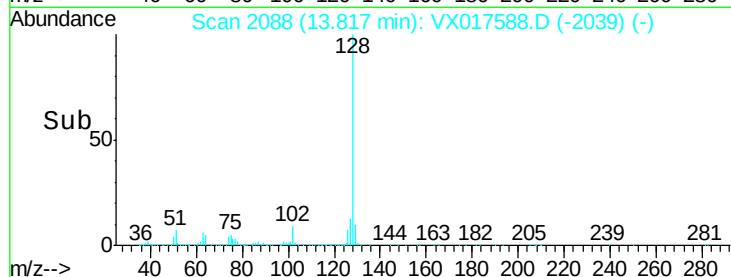
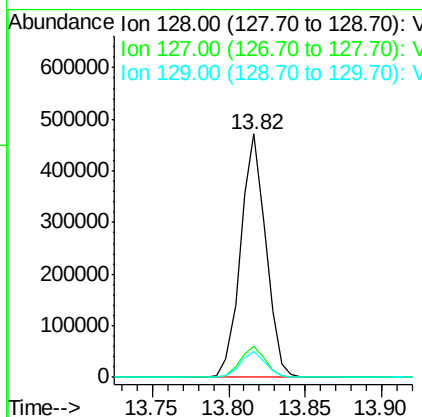
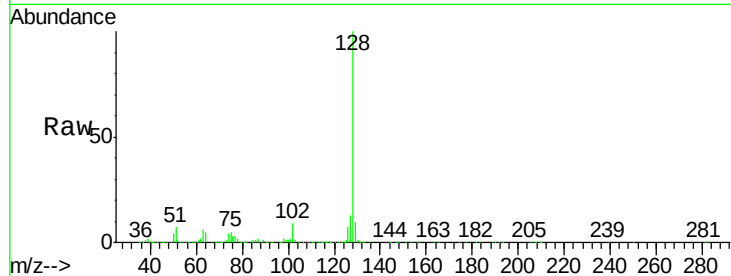
#95
Naphthalene
Concen: 20.673 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBS03

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:02:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.530 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

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

