

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072420\
 Data File : VX017563.D
 Acq On : 25 Jul 2020 02:19
 Operator : JC/SP
 Sample : VX0724WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:04 AM

Quant Time: Jul 25 04:34:59 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	686512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1127358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	965128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	501934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	422702	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.46	113	333338	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
50) Toluene-d8	8.70	98	1178082	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.12	95	407460	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	110676	16.698	ug/l	100
3) Chloromethane	1.31	50	147278	17.595	ug/l	99
4) Vinyl Chloride	1.39	62	143314	16.589	ug/l	99
5) Bromomethane	1.63	94	99936	19.675	ug/l	98
6) Chloroethane	1.71	64	87581	17.895	ug/l	98
7) Trichlorofluoromethane	1.92	101	198260	14.591	ug/l	96
8) Diethyl Ether	2.17	74	80626	17.414	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99214	13.305	ug/l	96
10) Methyl Iodide	2.49	142	136544	14.313	ug/l	99
11) Tert butyl alcohol	3.01	59	173134	93.154	ug/l	98
12) 1,1-Dichloroethene	2.36	96	108402	15.287	ug/l	88
13) Acrolein	2.28	56	96132	70.770	ug/l	100
14) Allyl chloride	2.71	41	217145	16.771	ug/l	96
15) Acrylonitrile	3.12	53	365597	91.073	ug/l	99
16) Acetone	2.42	43	344892	88.859	ug/l	97
17) Carbon Disulfide	2.55	76	316962	14.706	ug/l	99
18) Methyl Acetate	2.75	43	171411	18.752	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	426982	17.397	ug/l	97
20) Methylene Chloride	2.84	84	138369	18.110	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	123081	16.203	ug/l	97
22) Diisopropyl ether	3.82	45	427426	18.054	ug/l	# 86
23) Vinyl Acetate	3.79	43	1937519	91.787	ug/l	100
24) 1,1-Dichloroethane	3.67	63	246579	18.080	ug/l	99
25) 2-Butanone	4.64	43	552039	100.118	ug/l	97
26) 2,2-Dichloropropane	4.54	77	150868	12.358	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	146990	17.815	ug/l	96
28) Bromochloromethane	4.98	49	125081	20.239	ug/l	97
29) Tetrahydrofuran	5.09	42	369341	108.139	ug/l	97
30) Chloroform	5.18	83	256176	18.384	ug/l	97
31) Cyclohexane	5.55	56	176645	16.242	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	219979	16.741	ug/l	100
36) 1,1-Dichloropropene	5.77	75	168024	15.540	ug/l	99
37) Ethyl Acetate	4.79	43	221942	18.760	ug/l	100
38) Carbon Tetrachloride	5.76	117	193731	14.755	ug/l	100

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 ClientSampleID :
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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)
39) Methylcyclohexane	7.44	83	169220	13.407	ug/l	99
40) Benzene	6.12	78	516332	16.657	ug/l	99
41) Methacrylonitrile	5.01	41	120937	17.834	ug/l	98
42) 1,2-Dichloroethane	6.16	62	211399	16.670	ug/l	98
43) Isopropyl Acetate	6.42	43	336041	17.216	ug/l	99
44) Trichloroethene	7.19	130	143240	15.812	ug/l	99
45) 1,2-Dichloropropane	7.49	63	143045	16.646	ug/l	98
46) Dibromomethane	7.64	93	99424	16.371	ug/l	100
47) Bromodichloromethane	7.88	83	209510	17.145	ug/l	97
48) Methyl methacrylate	7.74	41	170217	17.592	ug/l	98
49) 1,4-Dioxane	7.72	88	70992	382.696	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1144863	98.301	ug/l	99
52) Toluene	8.76	92	332170	16.709	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	216737	15.845	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	235391	16.871	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	144807	17.486	ug/l	98
56) Ethyl methacrylate	9.16	69	215651	17.284	ug/l	100
57) 1,3-Dichloropropane	9.35	76	239646	17.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	585560	89.081	ug/l	99
59) 2-Hexanone	9.47	43	811293	92.523	ug/l	99
60) Dibromochloromethane	9.57	129	170417	16.190	ug/l	96
61) 1,2-Dibromoethane	9.65	107	153344	17.392	ug/l	99
64) Tetrachloroethene	9.32	164	141302	16.312	ug/l	97
65) Chlorobenzene	10.12	112	367185	17.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	147362	17.478	ug/l	99
67) Ethyl Benzene	10.23	91	595470	17.076	ug/l	96
68) m/p-Xylenes	10.34	106	453412	33.563	ug/l	99
69) o-Xylene	10.68	106	211556	16.283	ug/l	99
70) Styrene	10.70	104	365997	16.556	ug/l	98
71) Bromoform	10.84	173	121403	16.620	ug/l #	97
73) Isopropylbenzene	11.01	105	536160	15.571	ug/l	99
74) N-amyl acetate	10.88	43	286005	18.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	214313	19.940	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212977m	20.627	ug/l	
77) Bromobenzene	11.24	156	164216	17.035	ug/l	97
78) n-propylbenzene	11.34	91	618757	15.933	ug/l	98
79) 2-Chlorotoluene	11.40	91	372305	15.476	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	470731	16.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	64312	15.695	ug/l	96
82) 4-Chlorotoluene	11.49	91	456872	16.099	ug/l	100
83) tert-Butylbenzene	11.76	119	457523	16.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	485228	16.594	ug/l	98
85) sec-Butylbenzene	11.93	105	519400	15.849	ug/l	99
86) p-Isopropyltoluene	12.05	119	478382	15.329	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	275513	16.643	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	299697	17.478	ug/l	99
89) n-Butylbenzene	12.37	91	438003	15.751	ug/l	99
90) Hexachloroethane	12.58	117	90903	14.775	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	280262	17.226	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50420	18.310	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

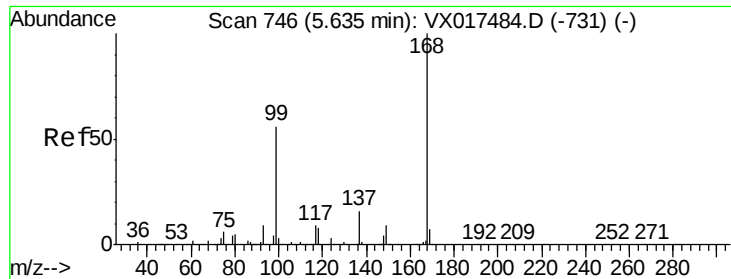
Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.63	180	196136	17.664	ug/l	99
94) Hexachlorobutadiene	13.76	225	79666	15.586	ug/l	99
95) Naphthalene	13.82	128	644204	19.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	190927	17.414	ug/l	98

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



#1

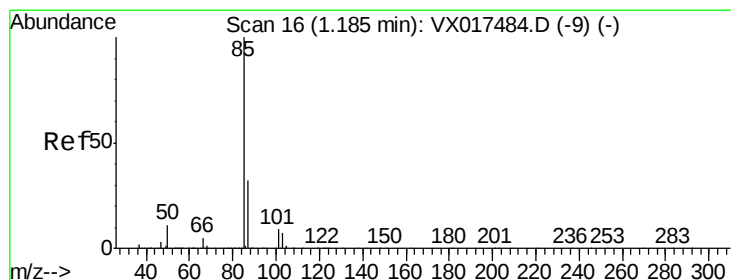
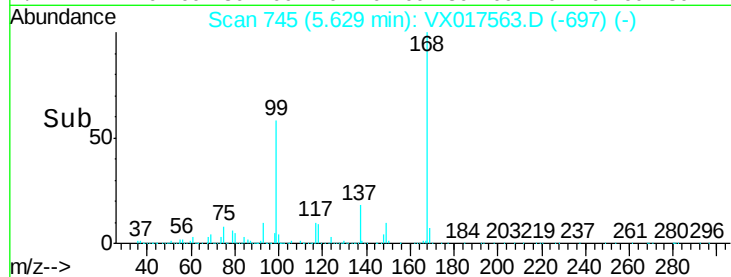
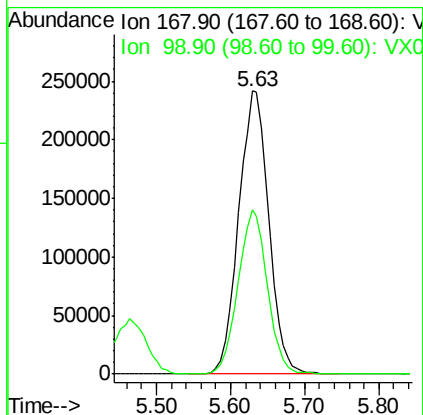
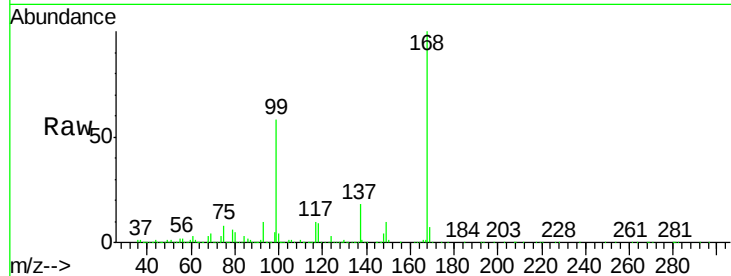
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
168	100		
99	57.8	43.4	65.2

Manual Integrations
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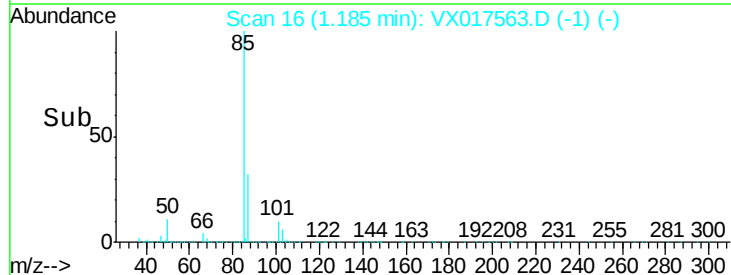
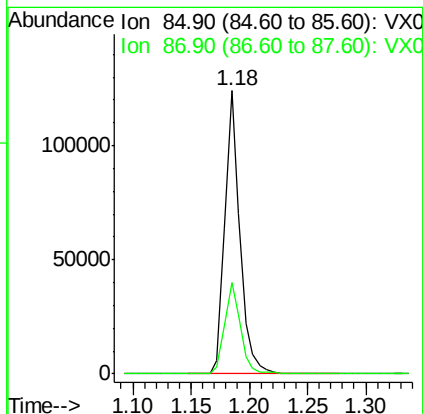
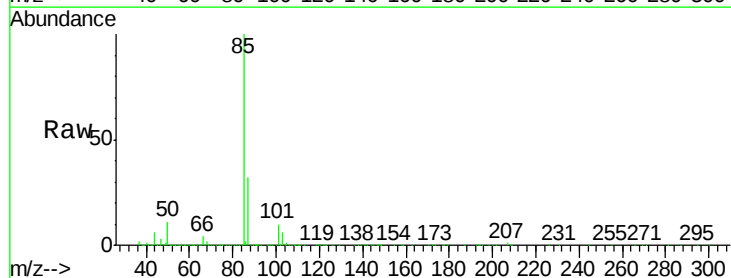
MMDadoda
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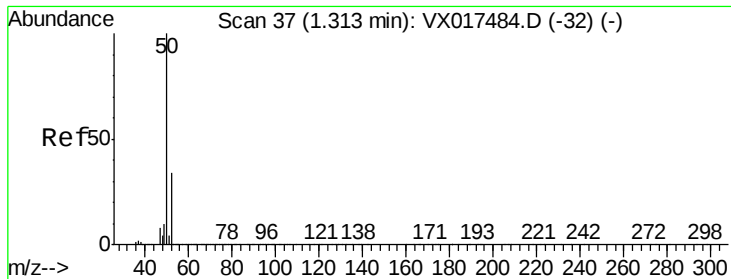


#2

Dichlorodifluoromethane
 Concen: 16.698 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.1	48.3





#3

Chloromethane

Concen: 17.595 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 50 Resp: 147278

Ion Ratio Lower Upper

50 100

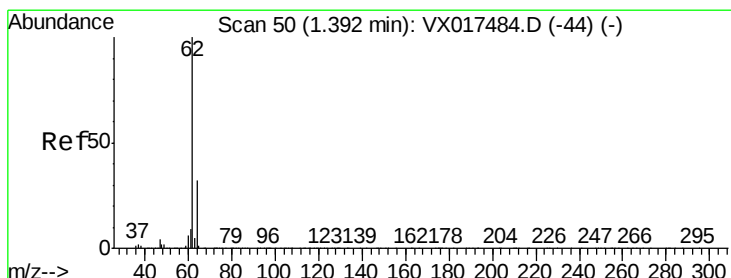
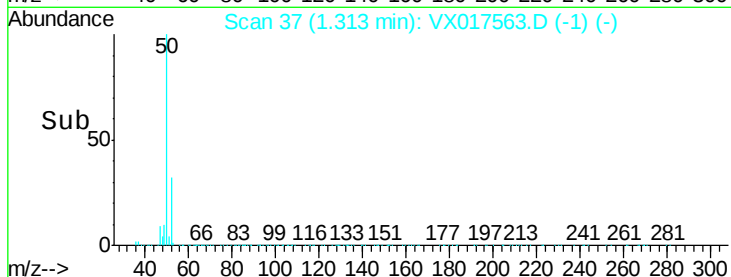
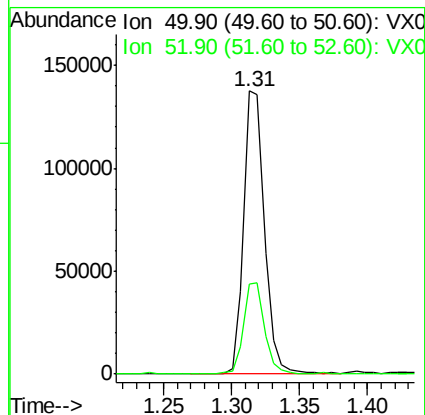
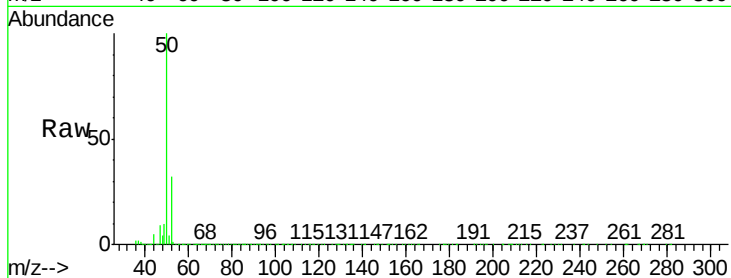
52 31.9 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.589 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017563.D

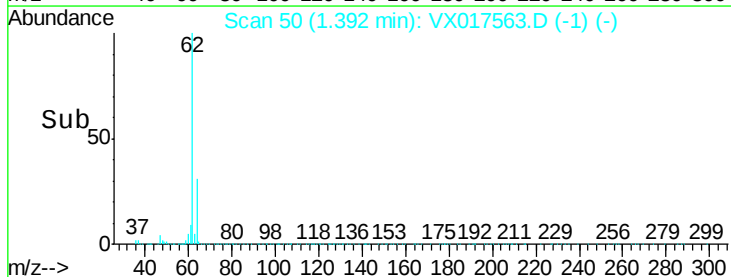
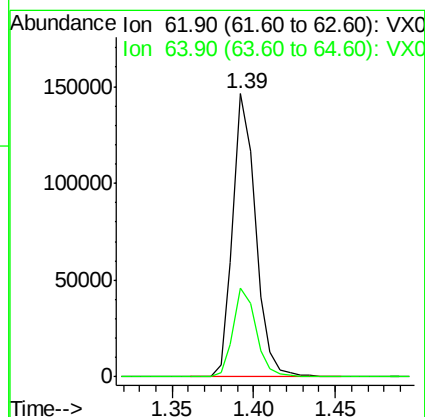
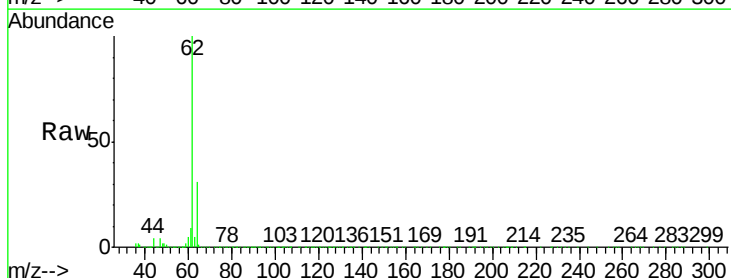
Acq: 25 Jul 2020 02:19

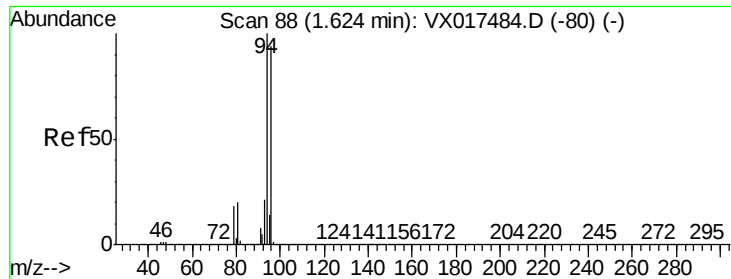
Tgt Ion: 62 Resp: 143314

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 19.675 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 94 Resp: 99936

Ion Ratio Lower Upper

94 100

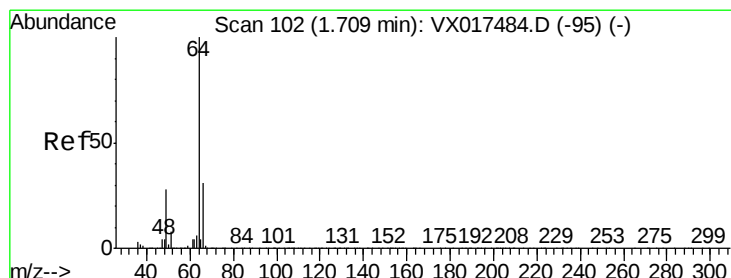
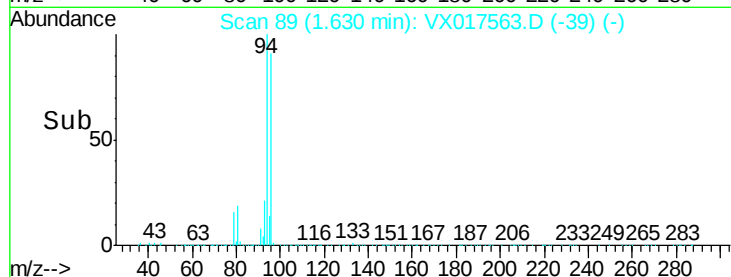
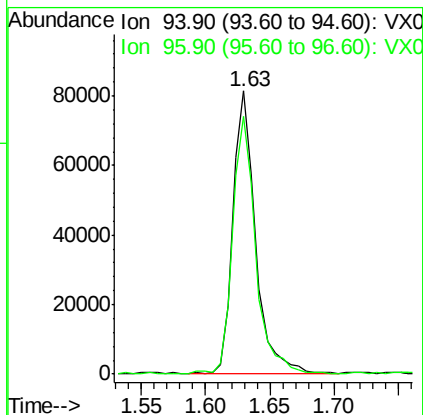
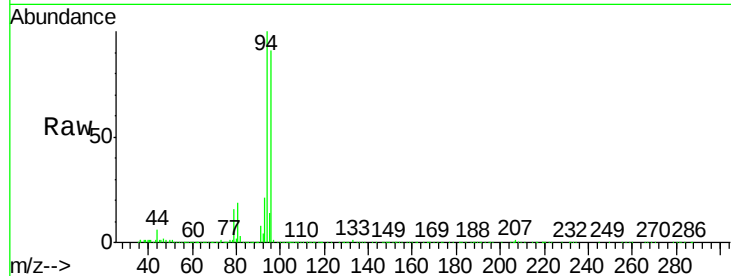
96 90.9 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 17.895 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017563.D

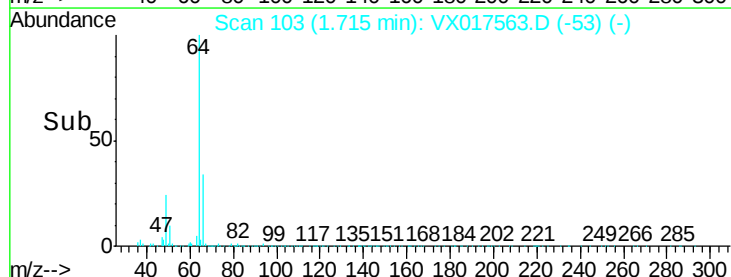
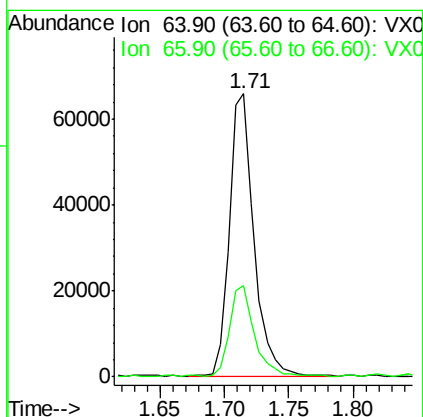
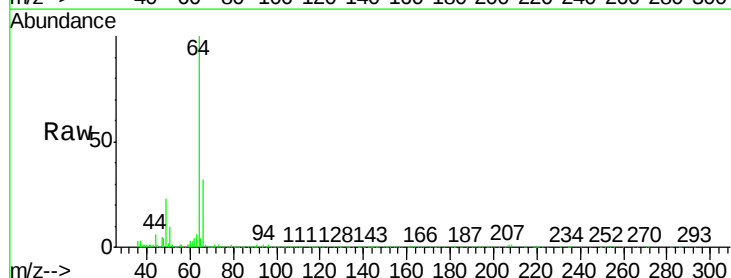
Acq: 25 Jul 2020 02:19

Tgt Ion: 64 Resp: 87581

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3





#7

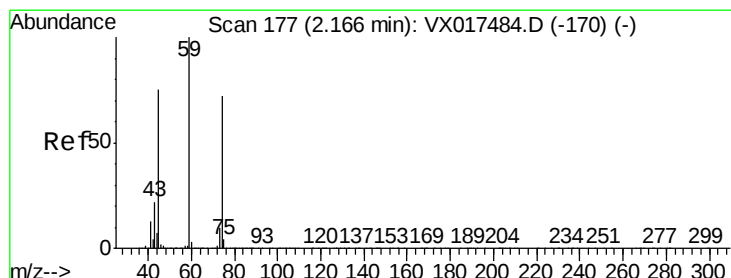
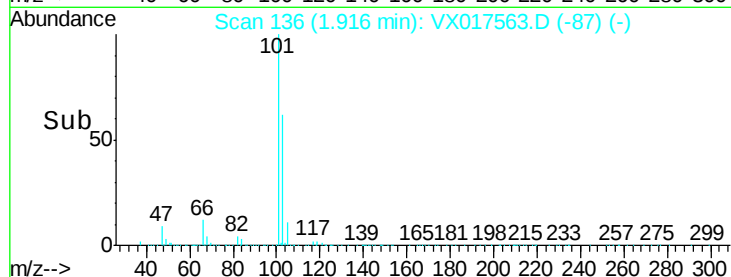
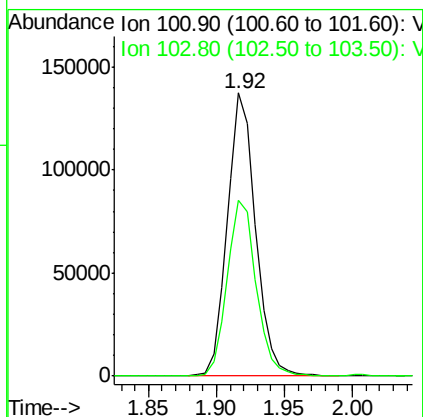
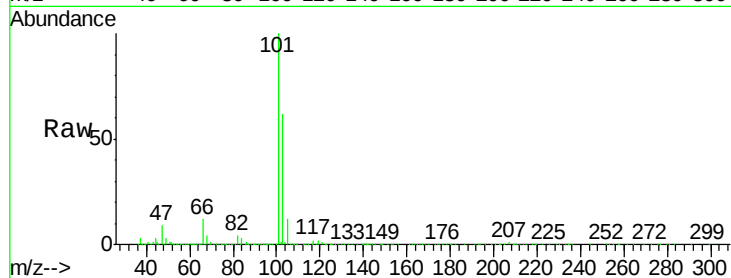
Trichlorofluoromethane
Concen: 14.591 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.8	51.8	77.8

Manual Integrations
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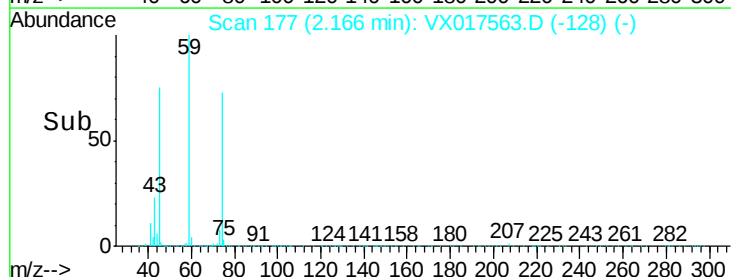
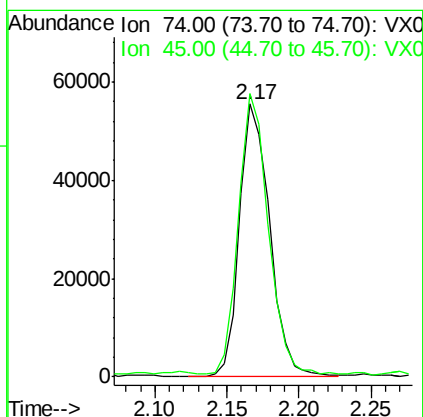
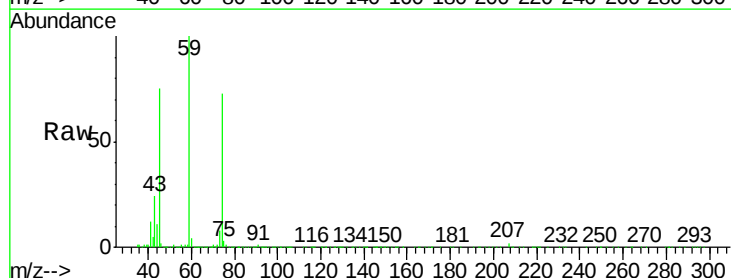
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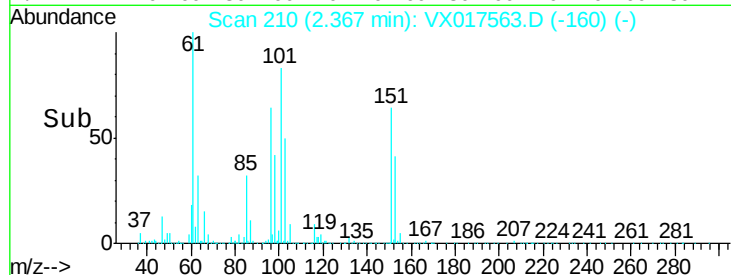
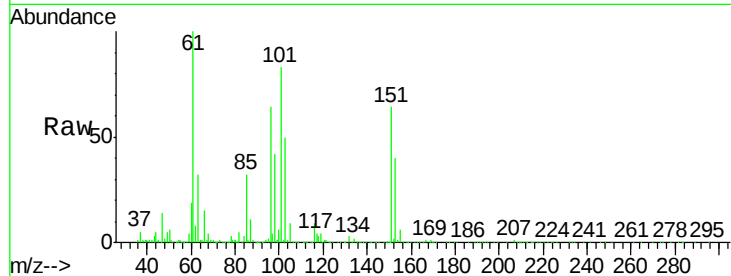
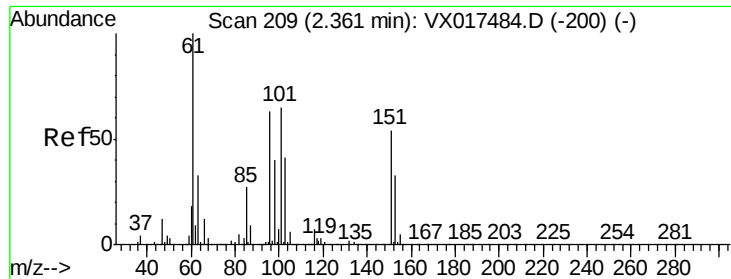


#8

Diethyl Ether
Concen: 17.414 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.305 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017563.D

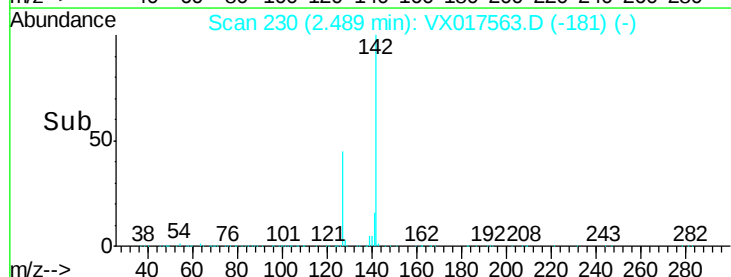
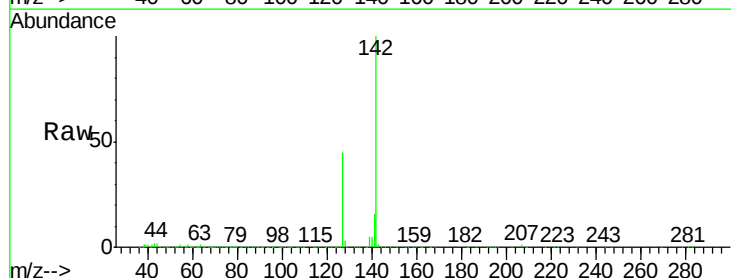
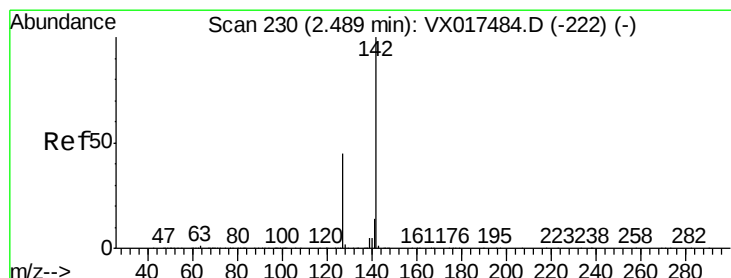
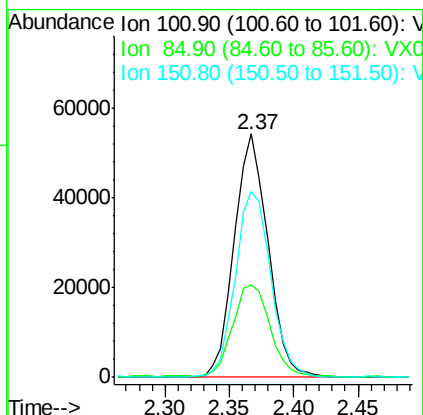
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	99214		
85	42.8	34.8	52.2	
151	79.9	68.0	102.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

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#10

Methyl Iodide

Concen: 14.313 ug/l

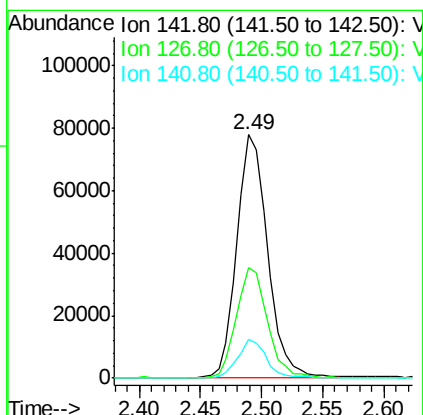
RT: 2.49 min Scan# 230

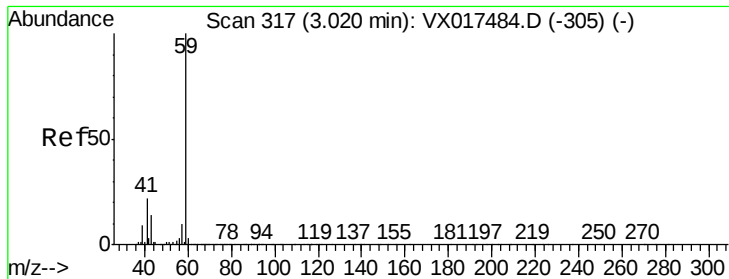
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	136544		
127	45.5	35.9	53.9	
141	14.7	11.4	17.0	





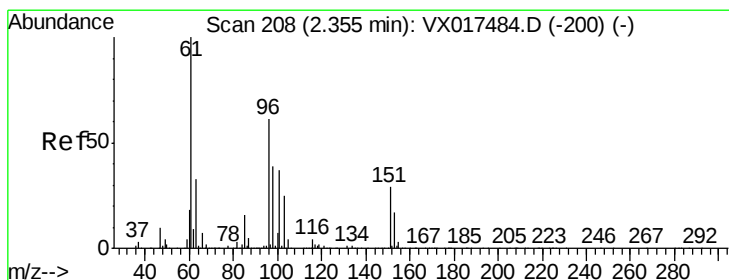
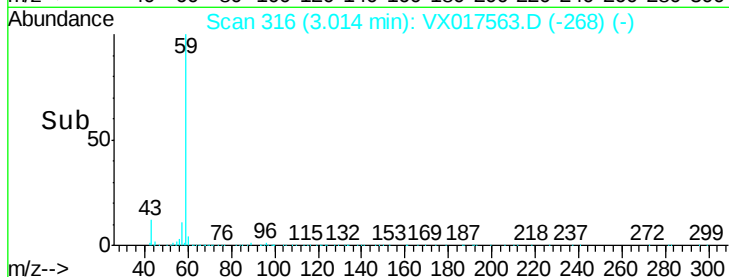
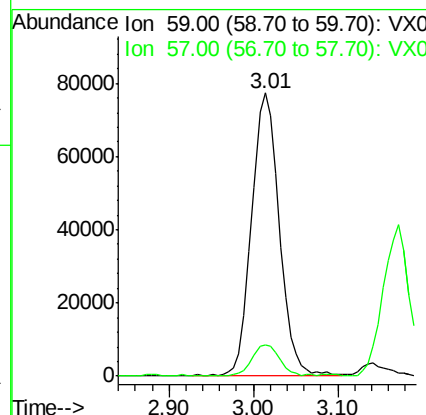
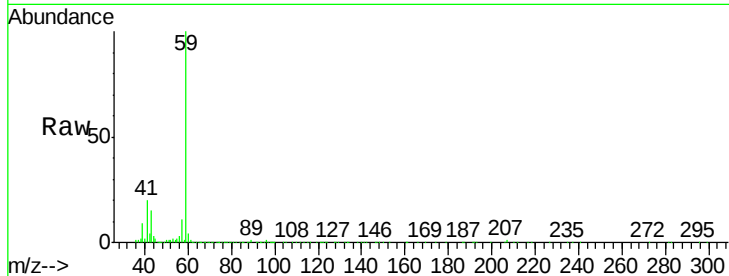
#11
Tert butyl alcohol
Concen: 93.154 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion: 59 Resp: 173134
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8

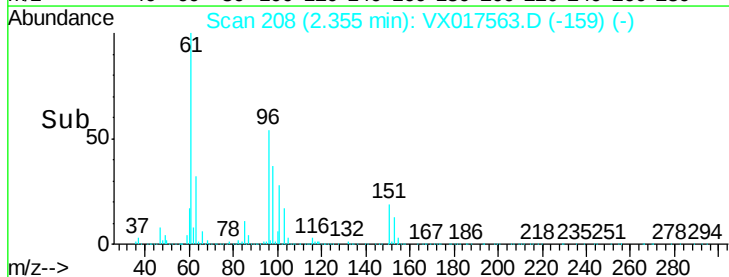
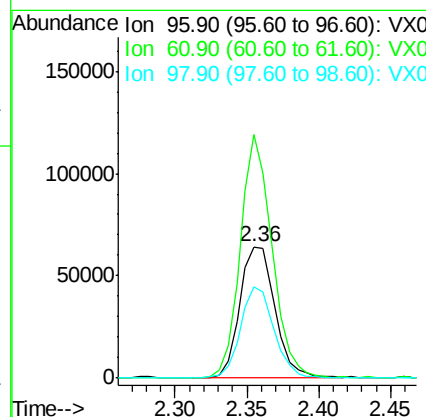
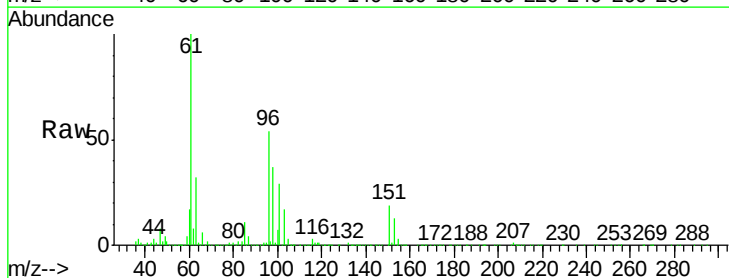
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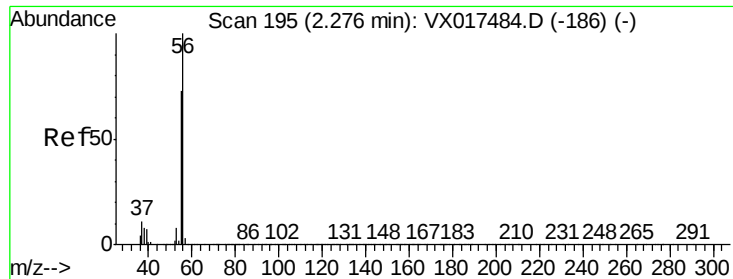
MMDadoda
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#12
1,1-Dichloroethene
Concen: 15.287 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion: 96 Resp: 108402
Ion Ratio Lower Upper
96 100
61 185.9 134.0 201.0
98 69.2 51.0 76.4





#13

Acrolein

Concen: 70.770 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 56 Resp: 96132

Ion Ratio Lower Upper

56 100

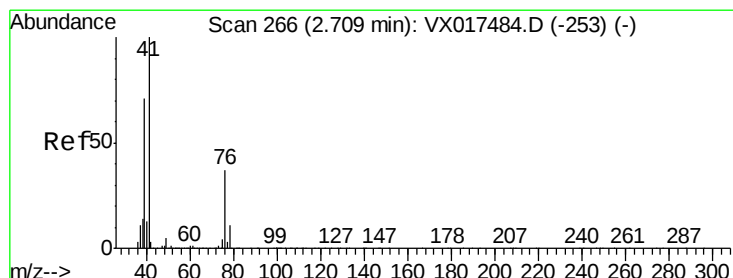
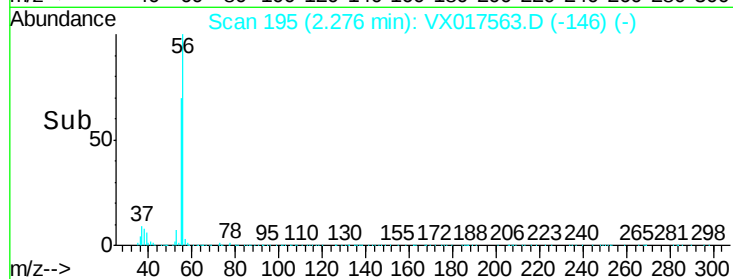
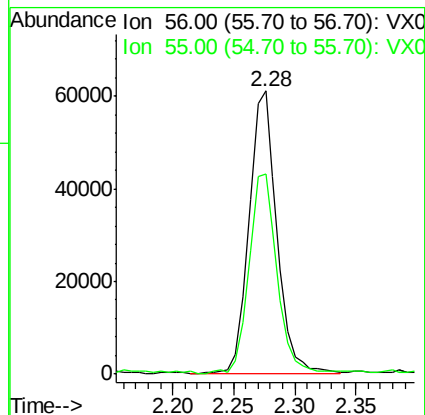
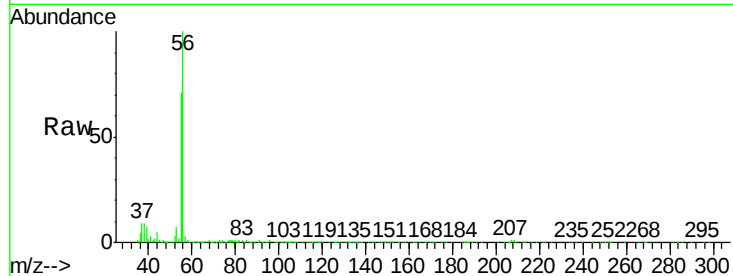
55 71.5 57.4 86.2

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#14

Allyl chloride

Concen: 16.771 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

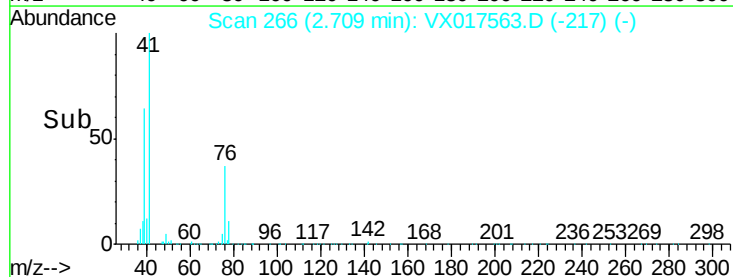
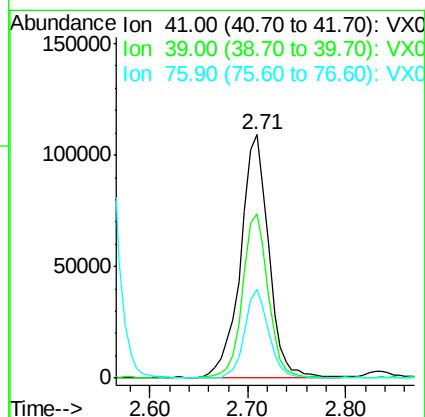
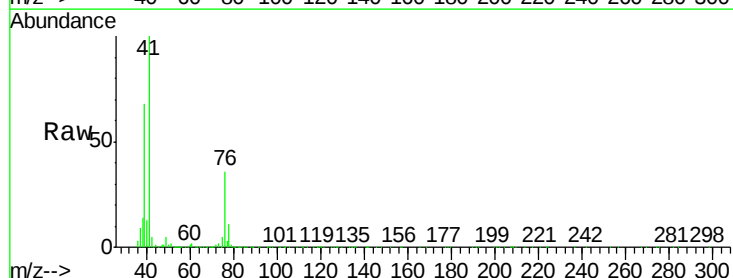
Tgt Ion: 41 Resp: 217145

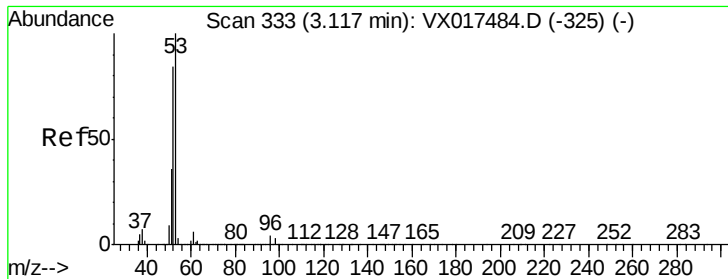
Ion Ratio Lower Upper

41 100

39 61.2 51.9 77.9

76 31.2 25.5 38.3





#15

Acrylonitrile

Concen: 91.073 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

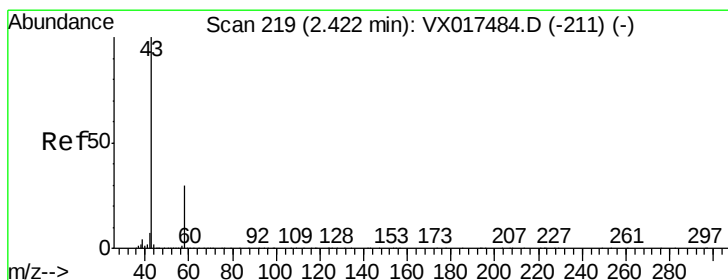
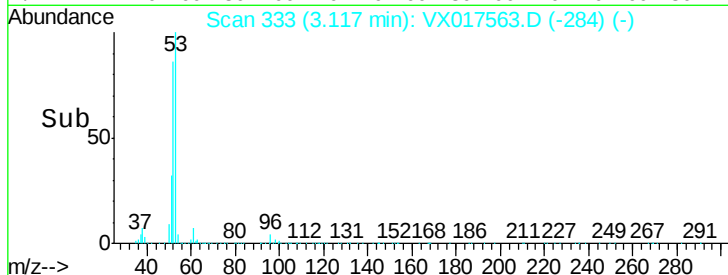
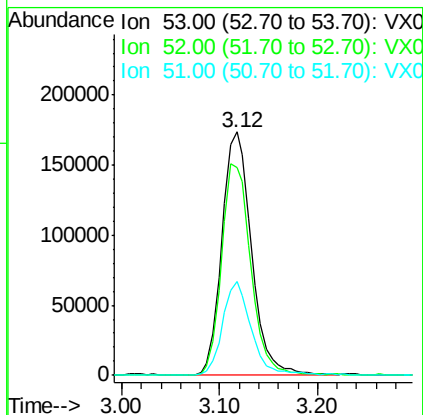
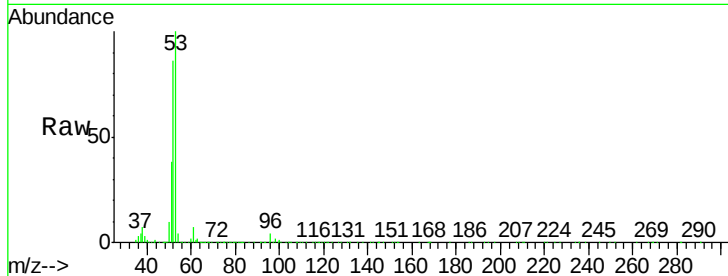
ClientSampleId :

VX0724WBSD02

Tgt Ion:	53	Resp:	365597
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.6	99.8
51	37.1	29.4	44.2

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#16

Acetone

Concen: 88.859 ug/l

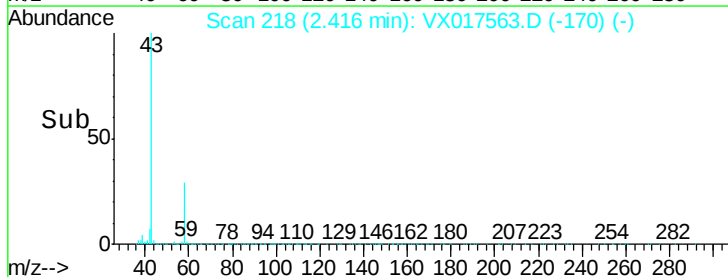
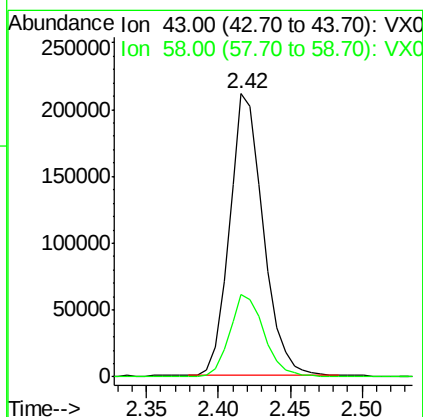
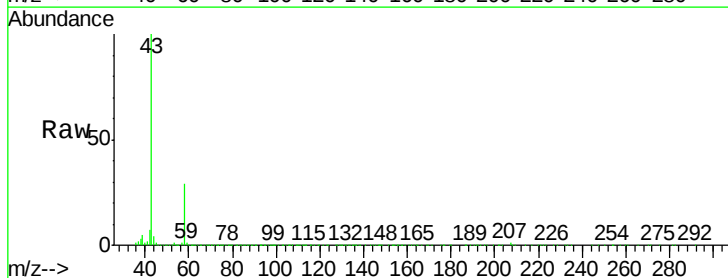
RT: 2.42 min Scan# 218

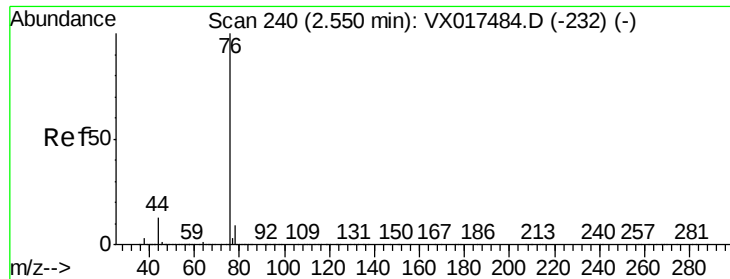
Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	43	Resp:	344892
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.2	36.4





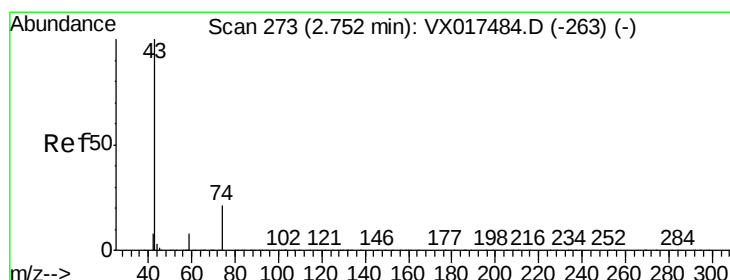
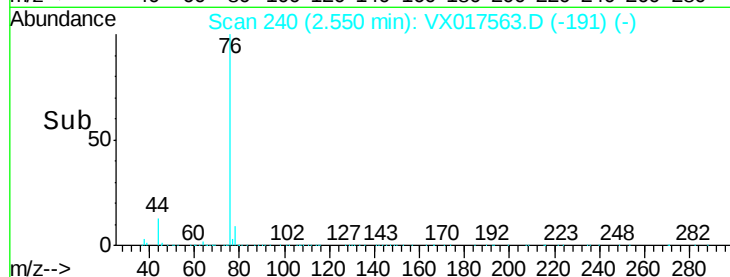
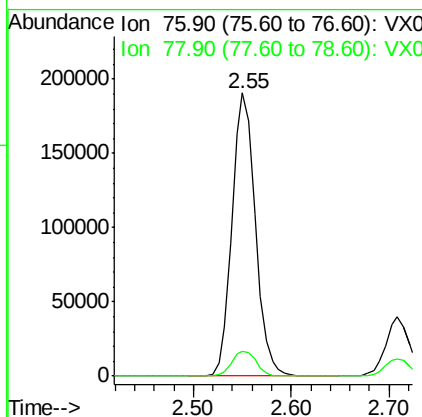
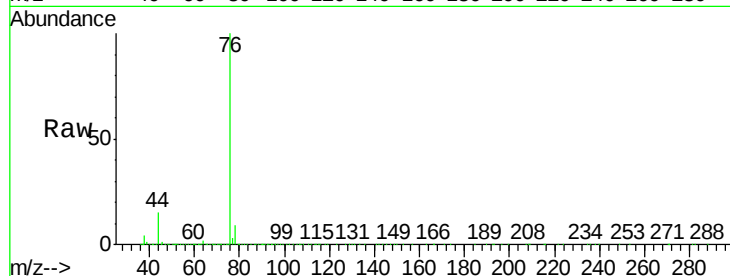
#17
Carbon Disulfide
Concen: 14.706 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

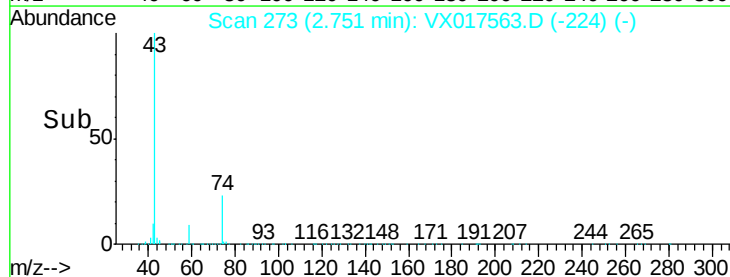
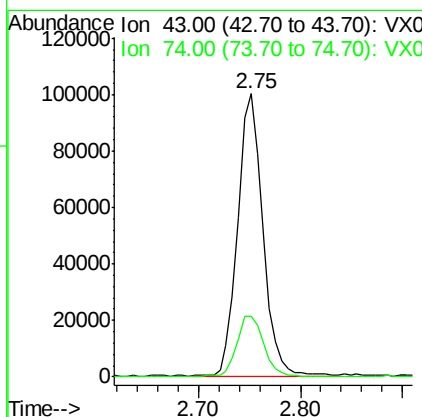
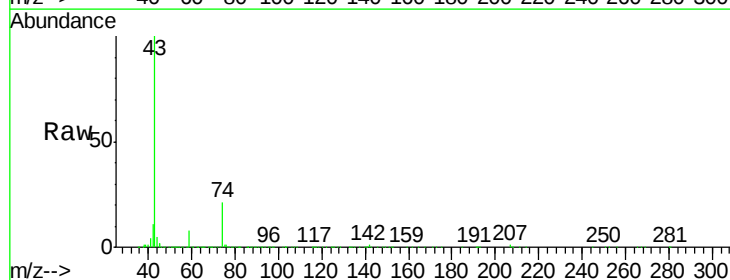
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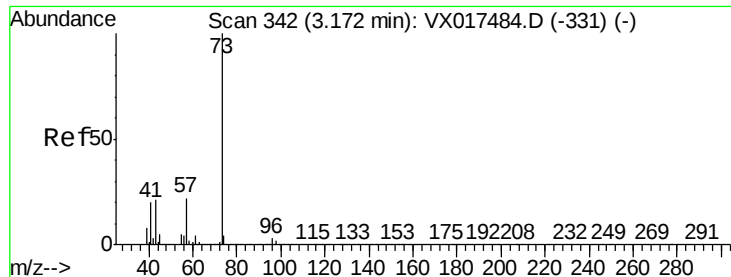
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#18
Methyl Acetate
Concen: 18.752 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.5	26.3





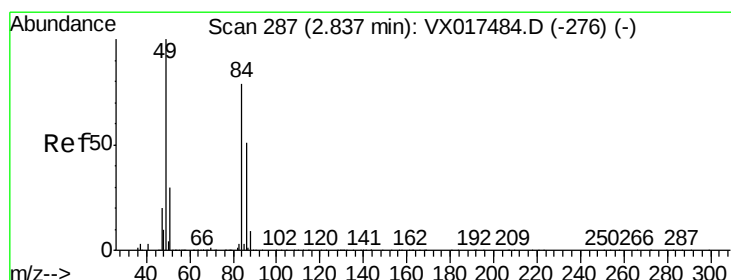
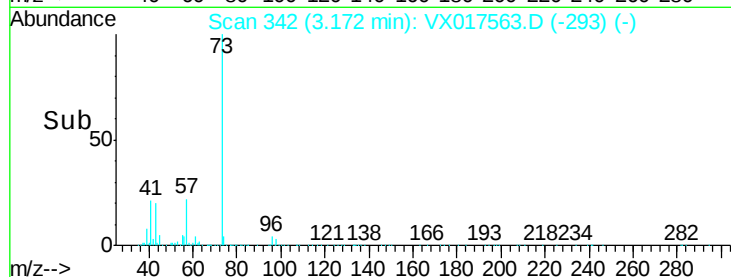
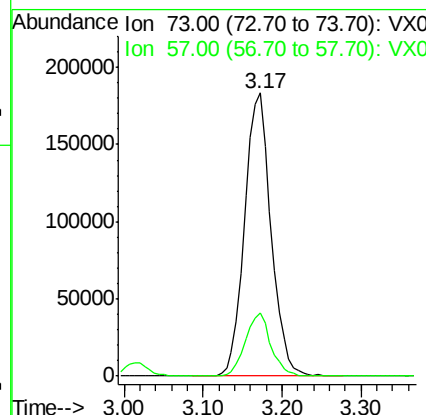
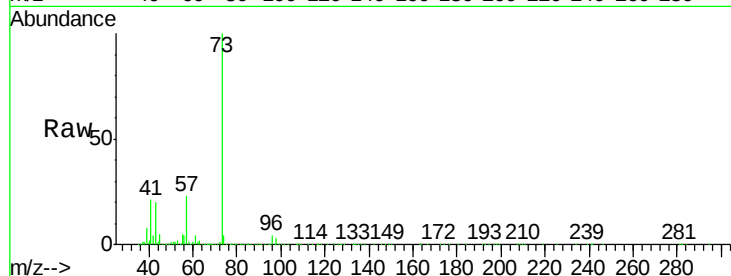
#19
Methyl tert-butyl Ether
Concen: 17.397 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion: 73 Resp: 426982
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.4

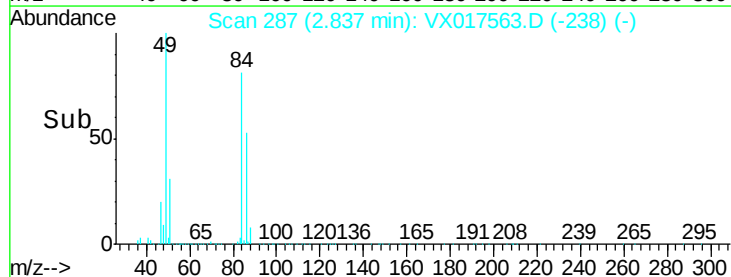
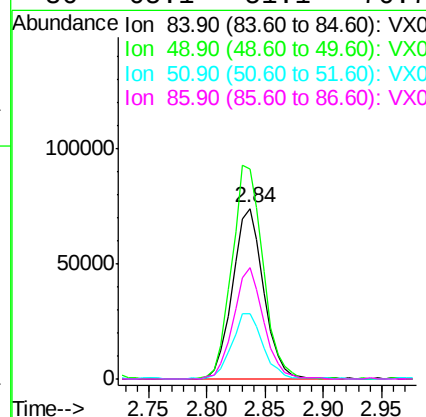
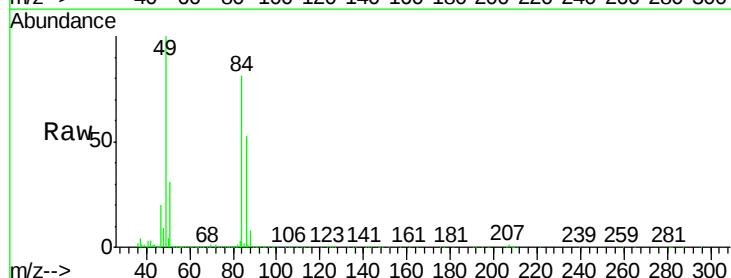
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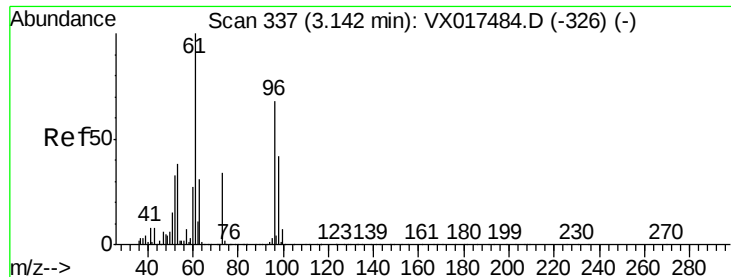
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#20
Methylene Chloride
Concen: 18.110 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion: 84 Resp: 138369
Ion Ratio Lower Upper
84 100
49 123.0 100.3 150.5
51 38.0 30.5 45.7
86 65.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.203 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

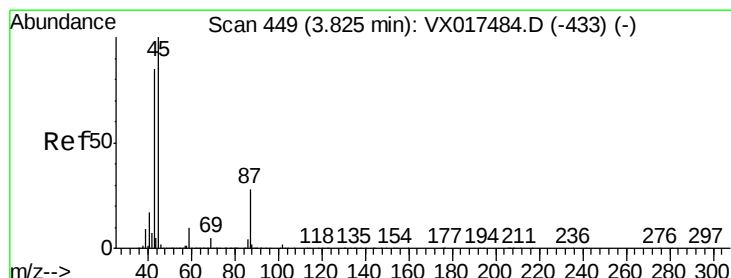
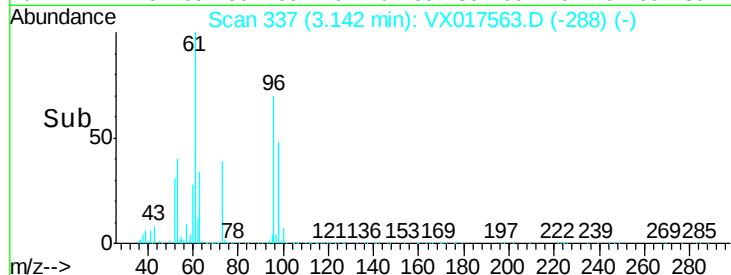
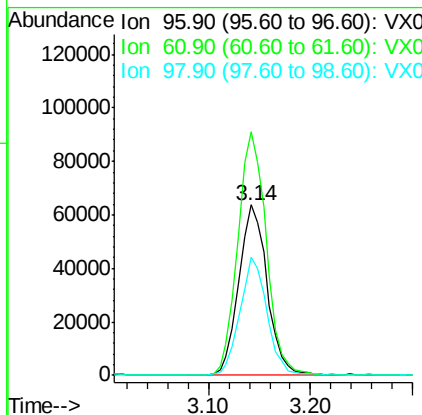
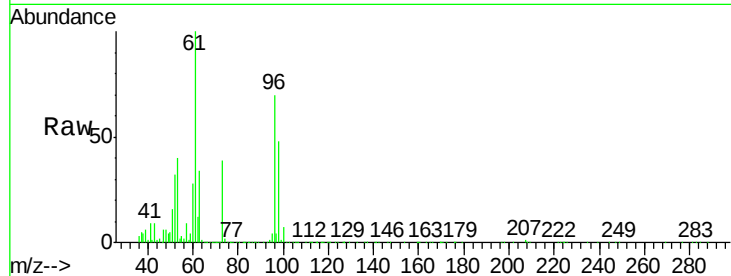
ClientSampleId :

VX0724WBSD02

Tgt Ion:	96	Resp:	123081
Ion	Ratio	Lower	Upper
96	100		
61	143.0	113.0	169.4
98	69.4	51.8	77.8

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#22

Diisopropyl ether

Concen: 18.054 ug/l

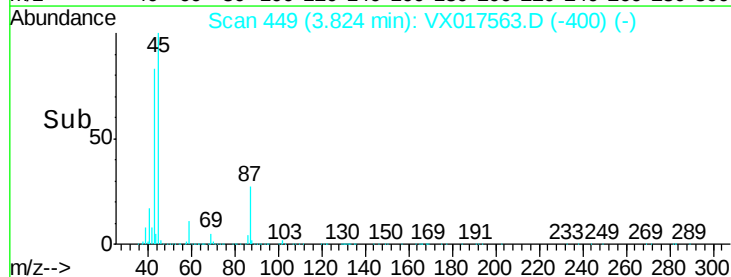
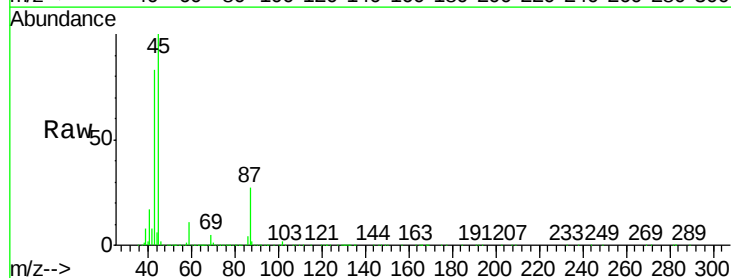
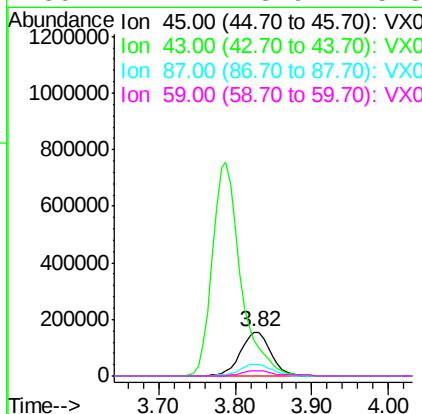
RT: 3.82 min Scan# 449

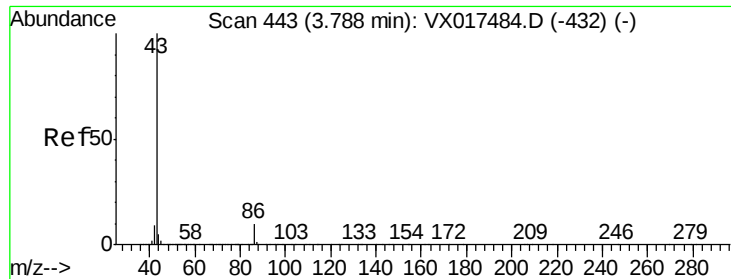
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	45	Resp:	427426
Ion	Ratio	Lower	Upper
45	100		
43	82.4	52.0	78.0#
87	27.1	22.2	33.4
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 91.787 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 43 Resp: 1937519

Ion Ratio Lower Upper

43 100

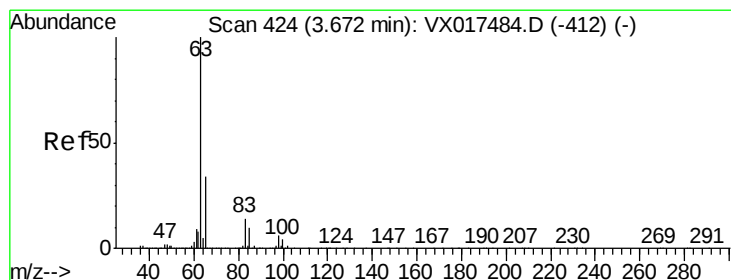
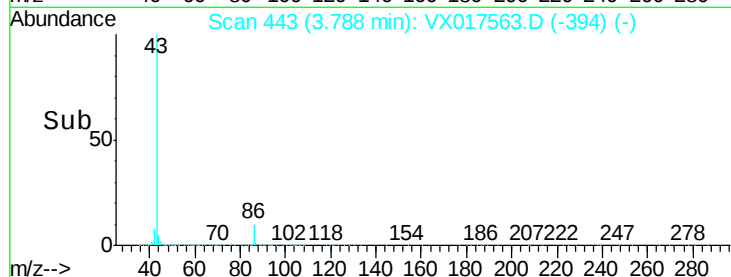
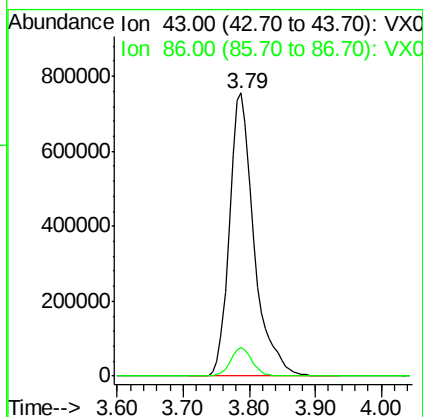
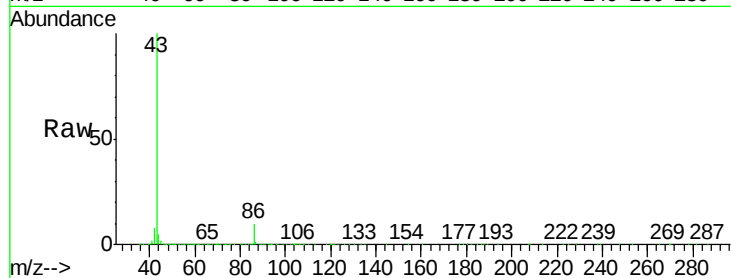
86 10.4 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 18.080 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

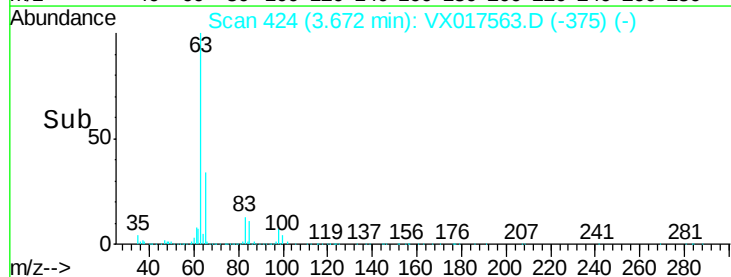
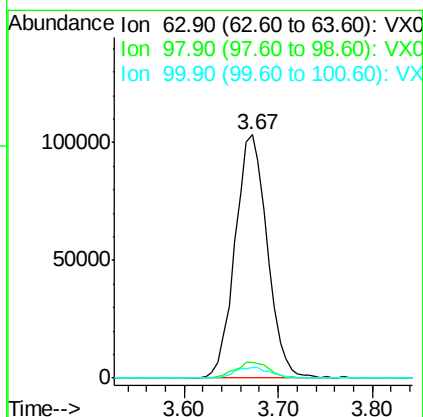
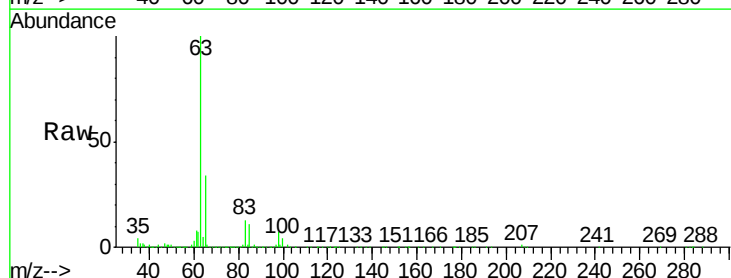
Tgt Ion: 63 Resp: 246579

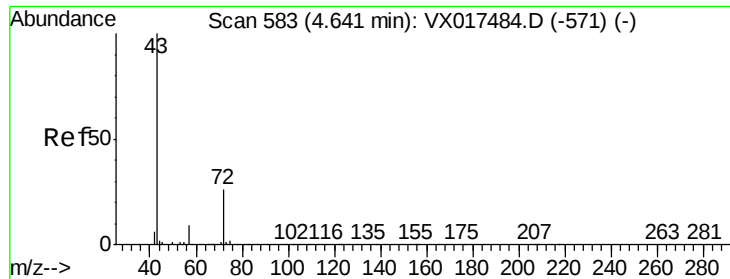
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 100.118 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 43 Resp: 552039

Ion Ratio Lower Upper

43 100

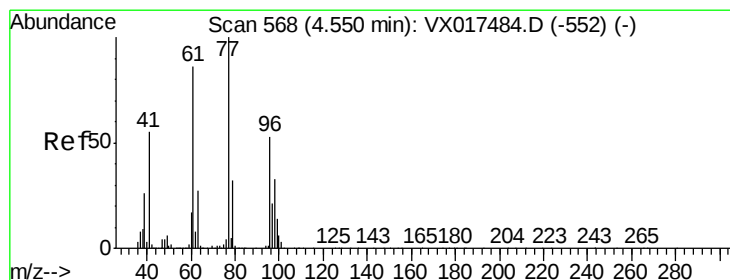
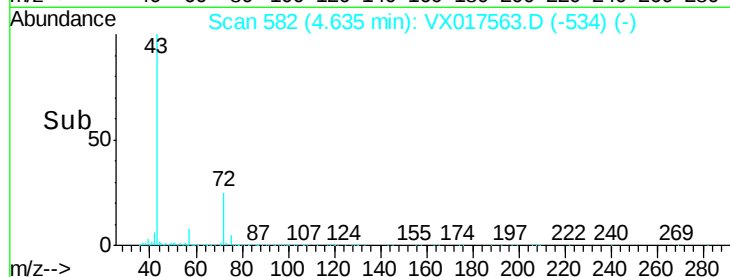
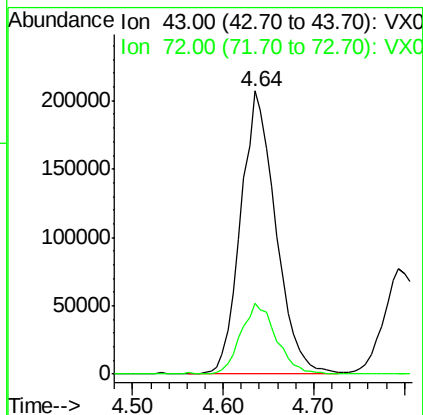
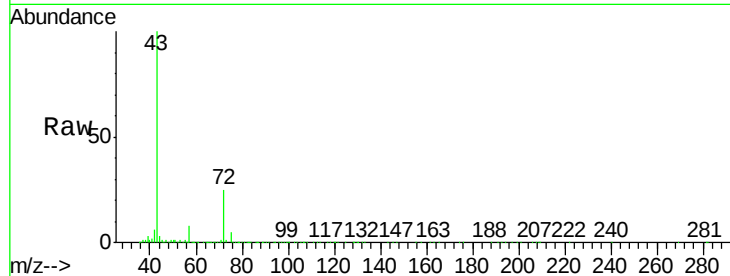
72 25.0 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 12.358 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017563.D

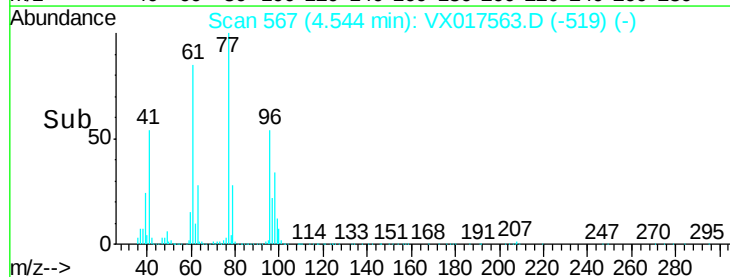
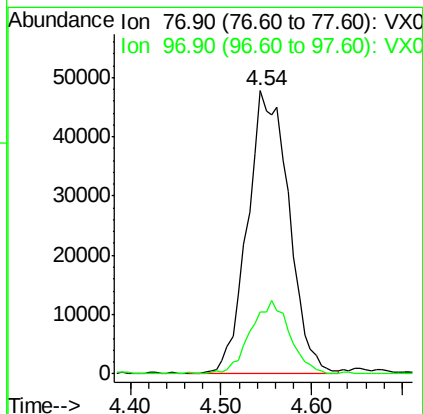
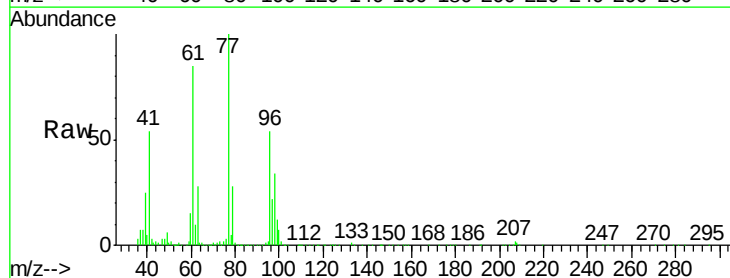
Acq: 25 Jul 2020 02:19

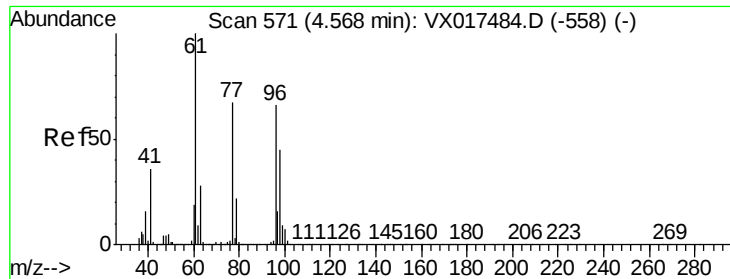
Tgt Ion: 77 Resp: 150868

Ion Ratio Lower Upper

77 100

97 24.7 10.9 32.9





#27

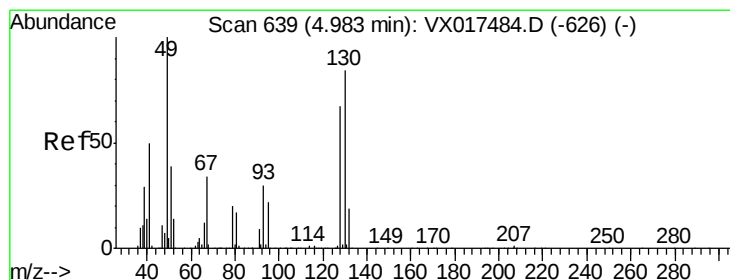
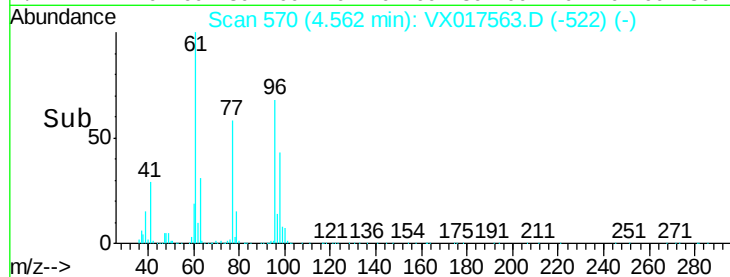
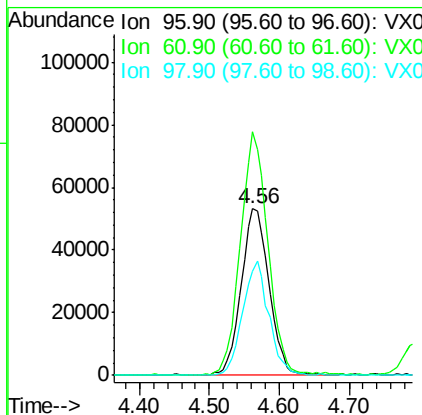
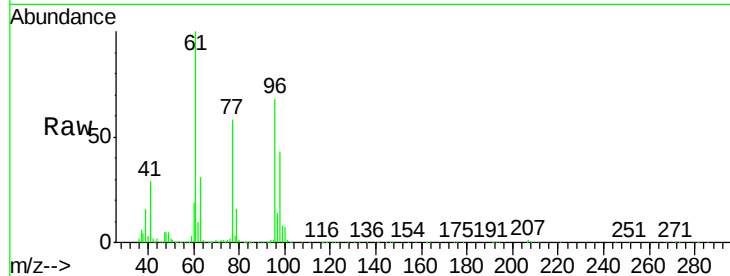
cis-1,2-Dichloroethene
Concen: 17.815 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	146990		
61	143.9	0.0	301.2	
98	64.5	0.0	130.0	

Manual Integrations
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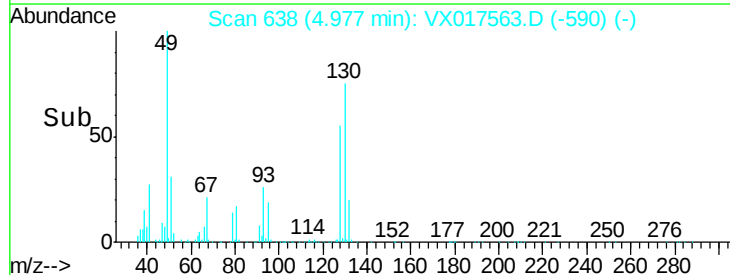
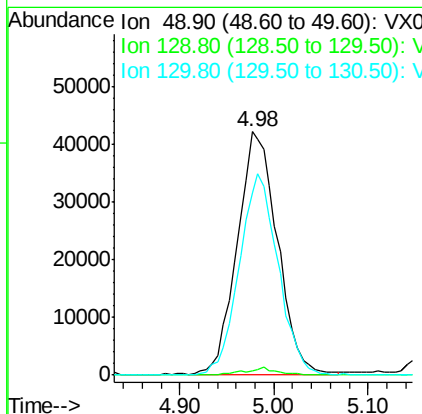
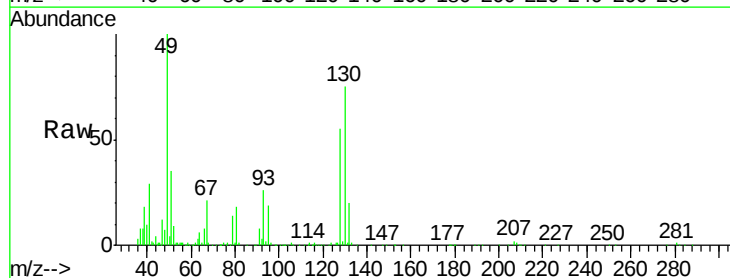
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7/27/2020 11:03:04 AM

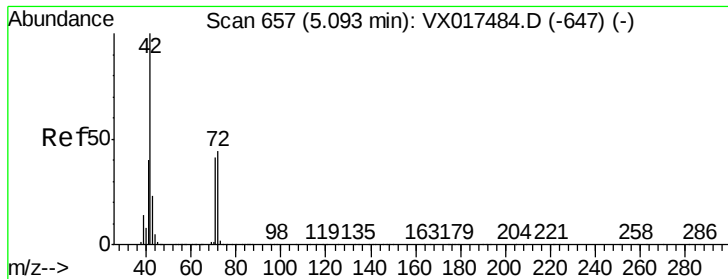


#28

Bromochloromethane
Concen: 20.239 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	125081		
129	2.6	0.0	4.6	
130	80.4	66.7	100.1	





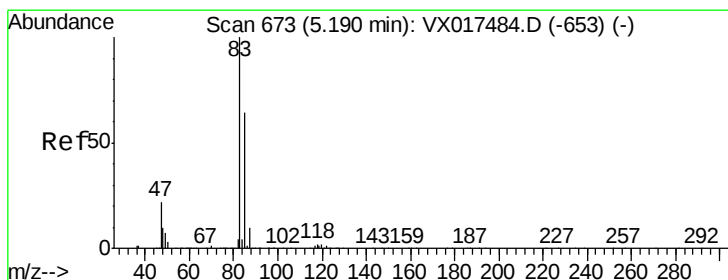
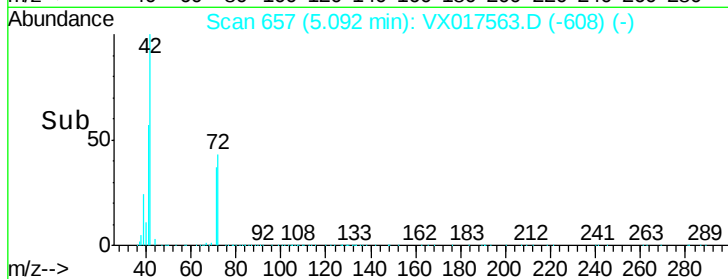
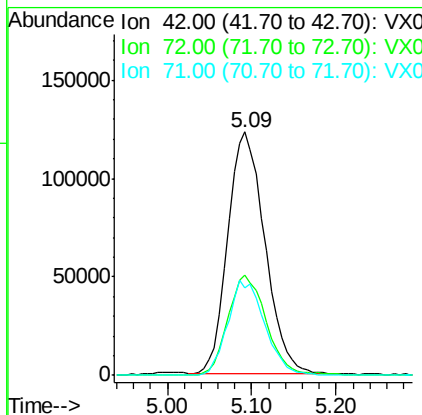
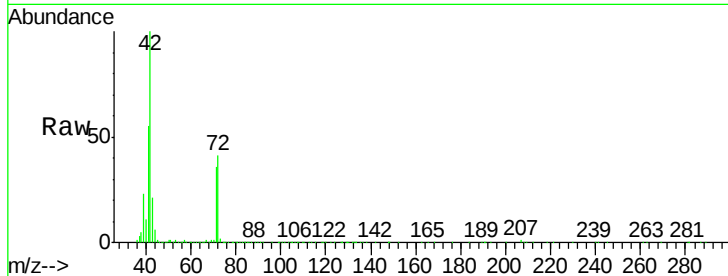
#29
Tetrahydrofuran
Concen: 108.139 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.5	53.3
71	38.6	33.0	49.4

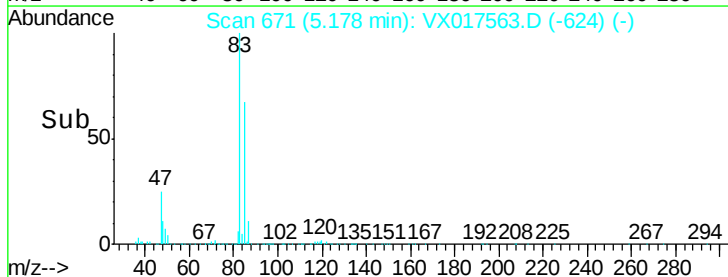
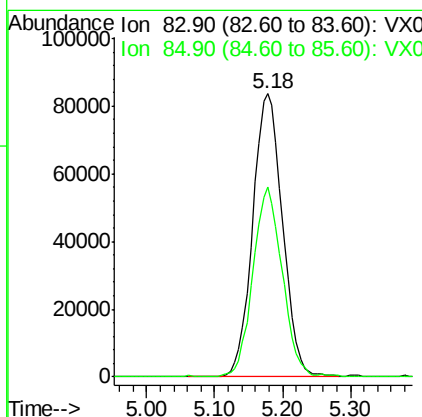
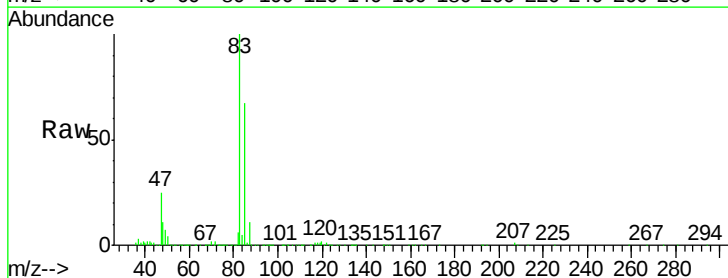
Manual Integrations
APPROVED

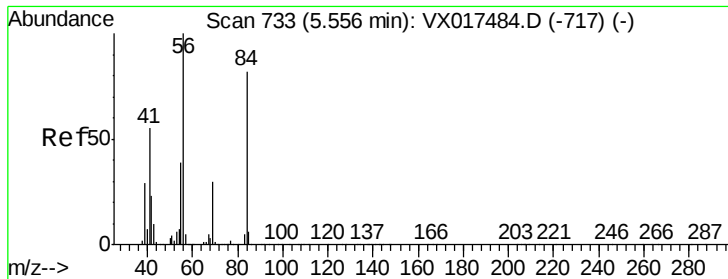
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7/27/2020 11:03:04 AM



#30
Chloroform
Concen: 18.384 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.4	77.2





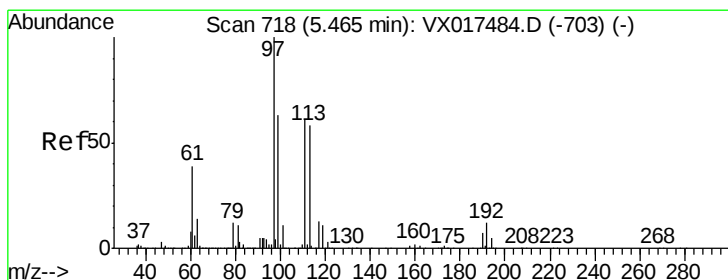
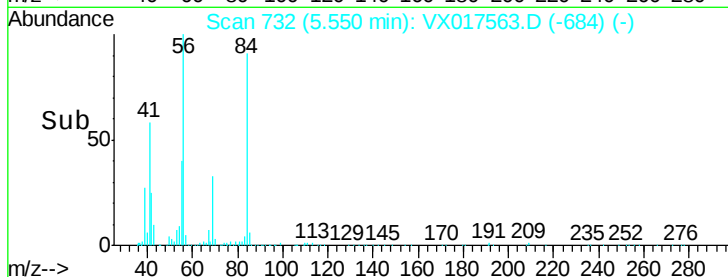
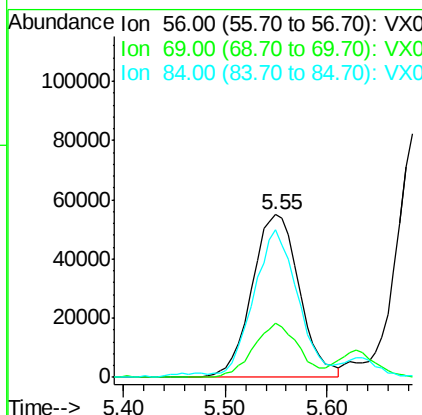
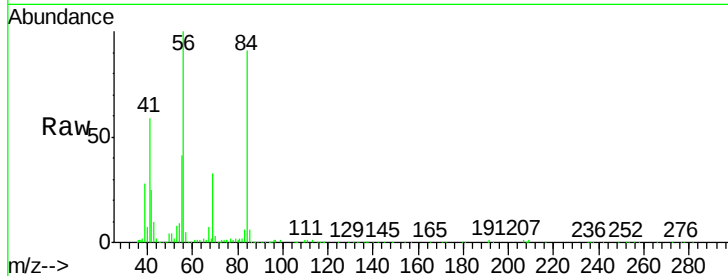
#31
Cyclohexane
Concen: 16.242 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.2	36.4
84	89.0	69.0	103.6

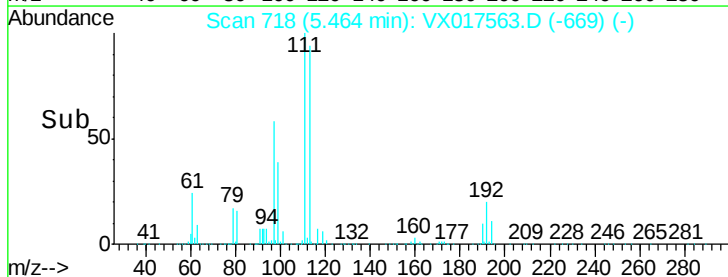
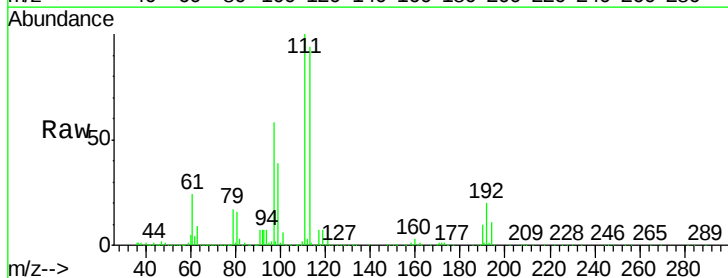
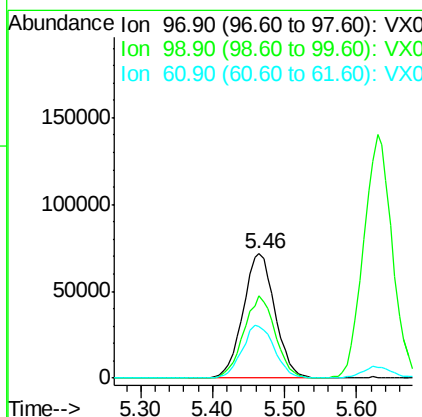
Manual Integrations
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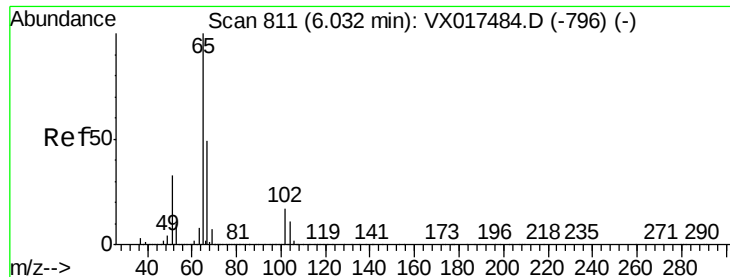
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#32
1,1,1-Trichloroethane
Concen: 16.741 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.9	77.9
61	42.6	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 47.933 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 65 Resp: 422702

Ion Ratio Lower Upper

65 100

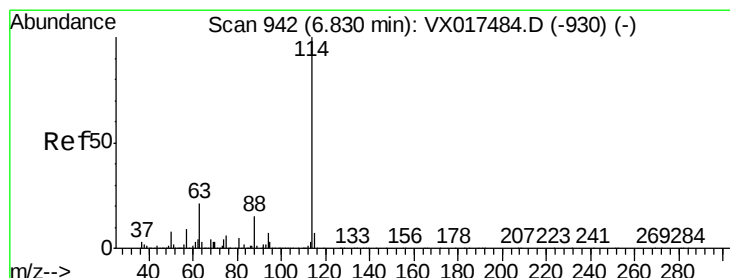
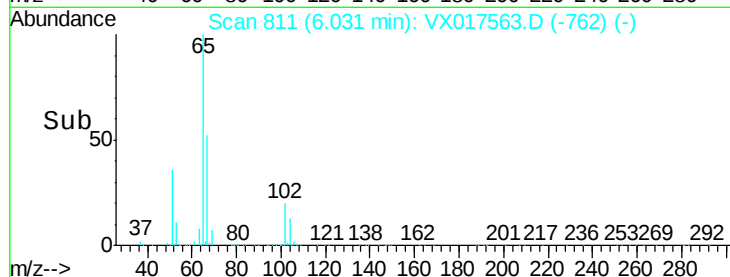
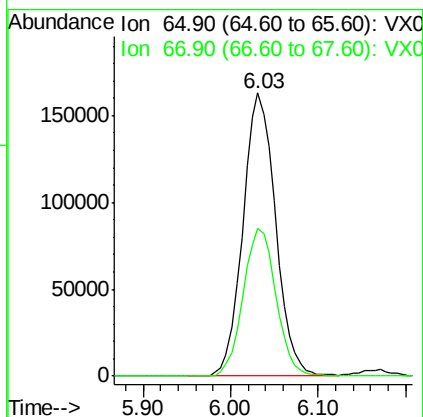
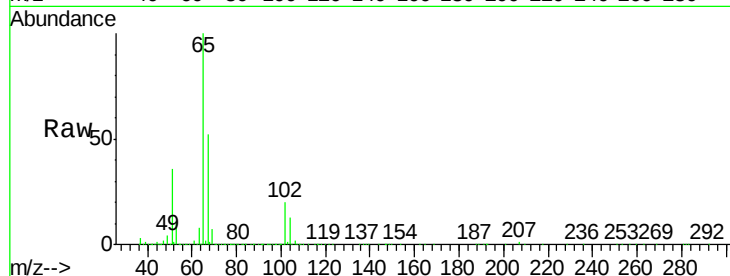
67 52.6 0.0 102.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

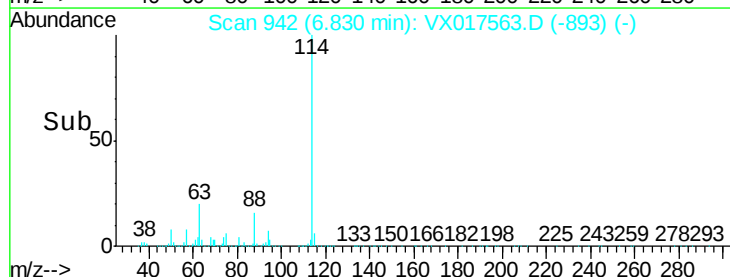
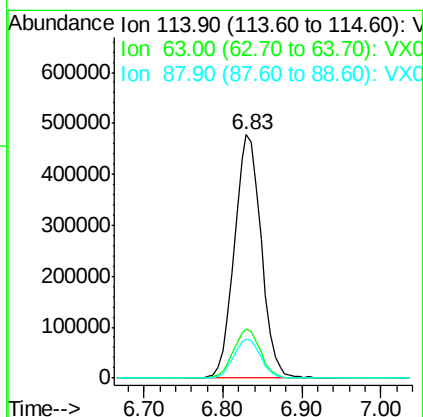
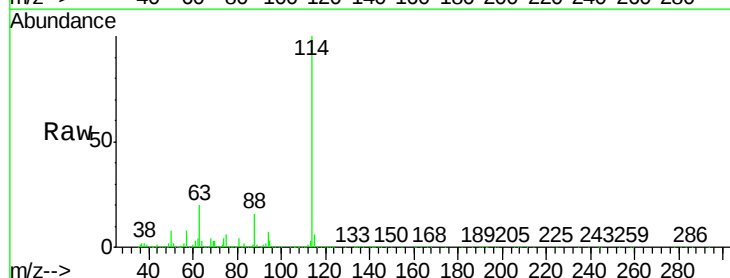
Tgt Ion: 114 Resp: 1127358

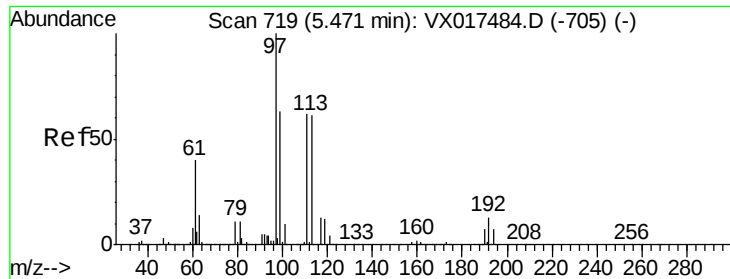
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.8 0.0 33.4





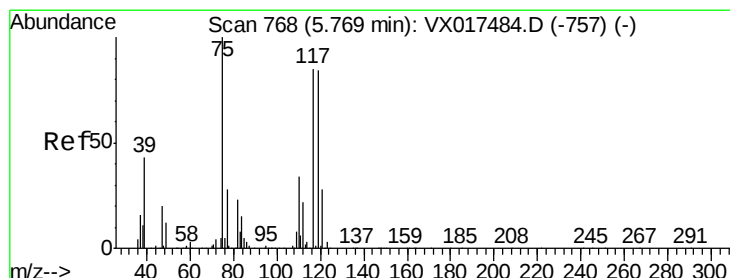
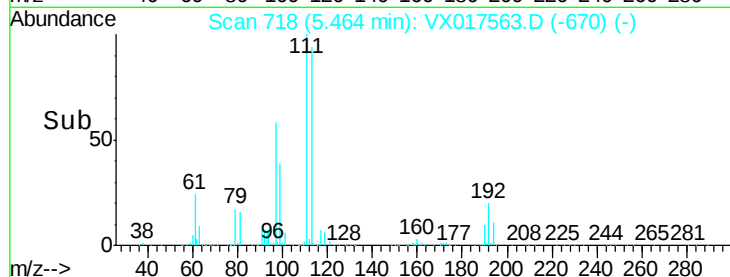
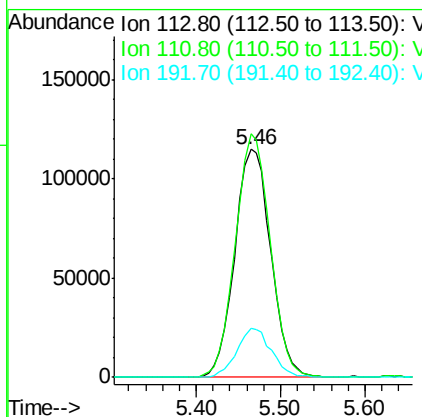
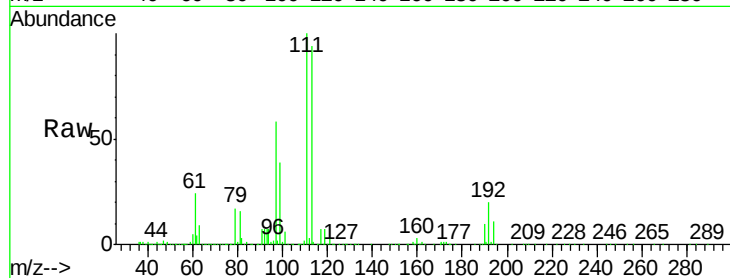
#35
 Dibromofluoromethane
 Concen: 44.210 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	333338		
111	103.6	80.7	121.1	
192	20.9	16.9	25.3	

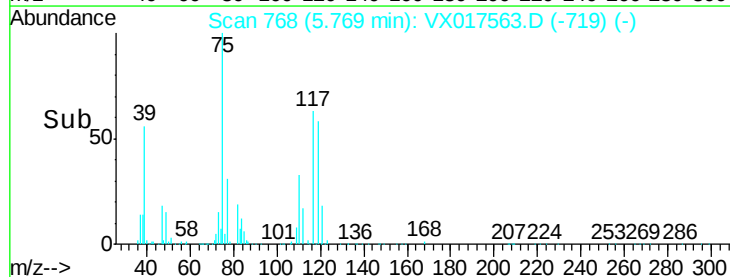
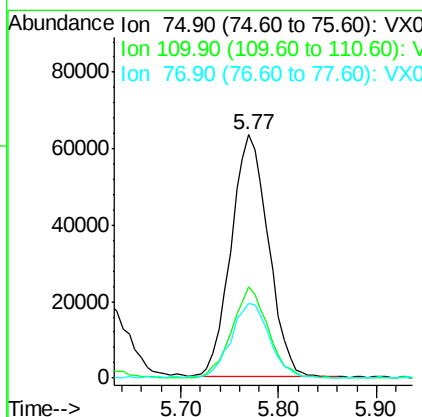
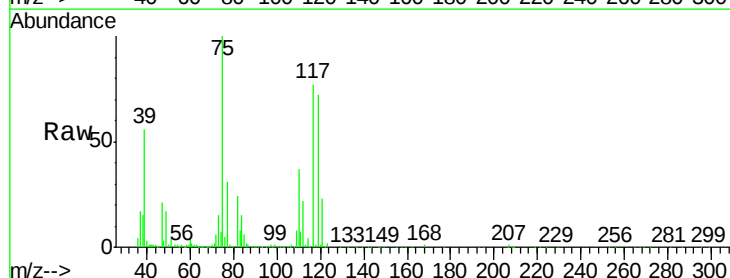
Manual Integrations
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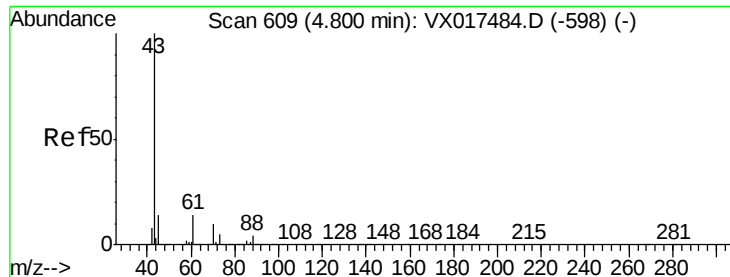
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#36
 1,1-Dichloropropene
 Concen: 15.540 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168024		
110	36.5	18.1	54.3	
77	31.1	24.6	37.0	





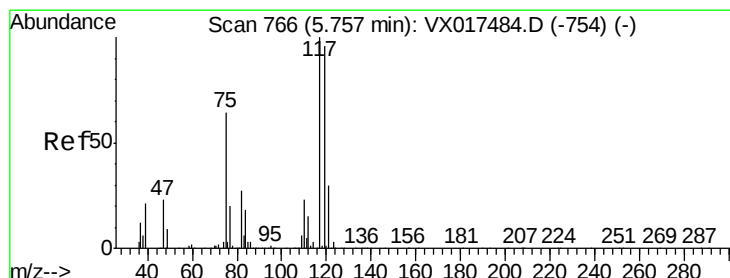
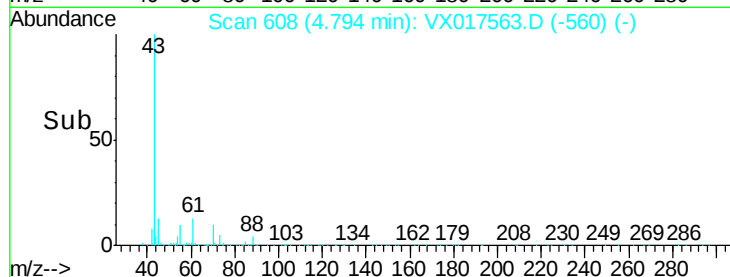
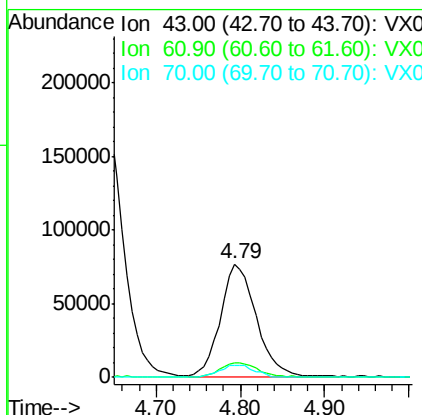
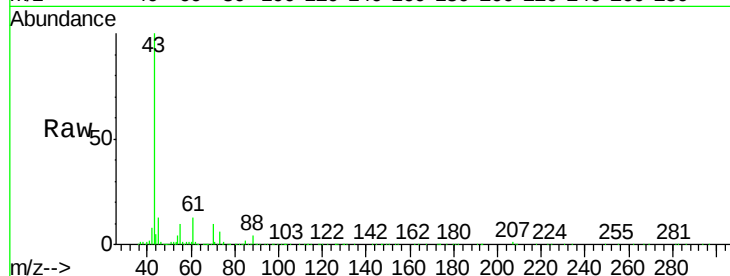
#37
Ethyl Acetate
Concen: 18.760 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.4	8.5	12.7

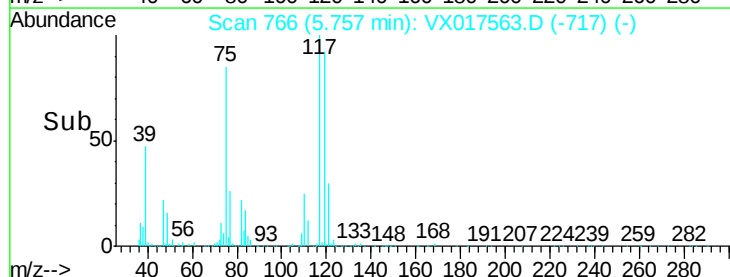
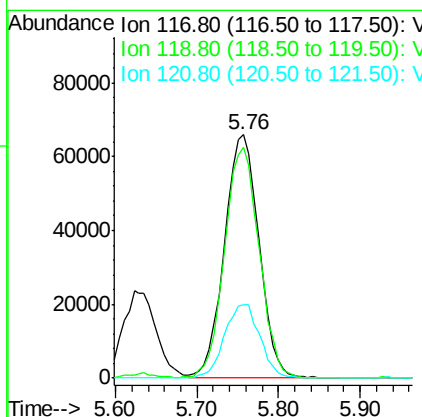
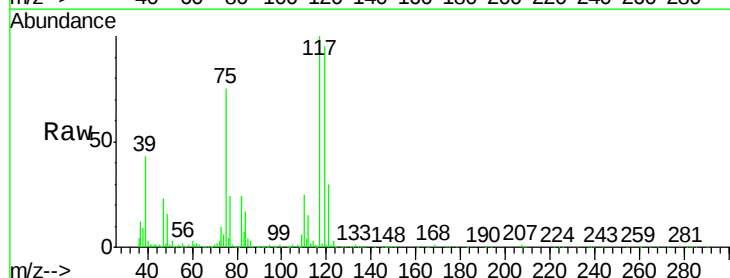
Manual Integrations
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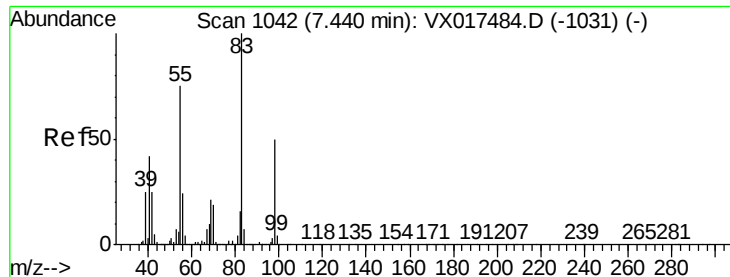
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#38
Carbon Tetrachloride
Concen: 14.755 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.0
121	30.1	24.3	36.5





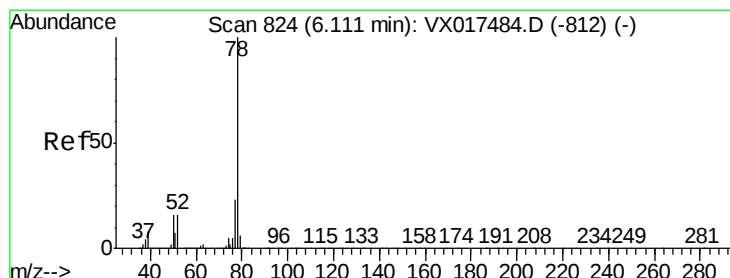
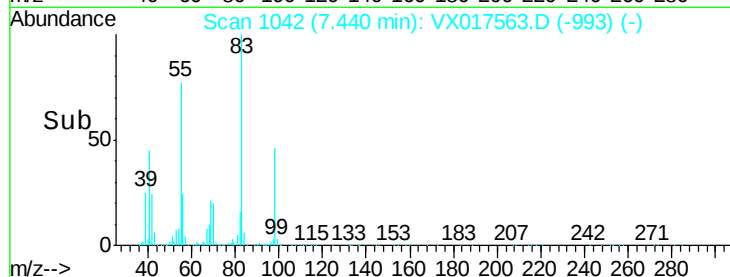
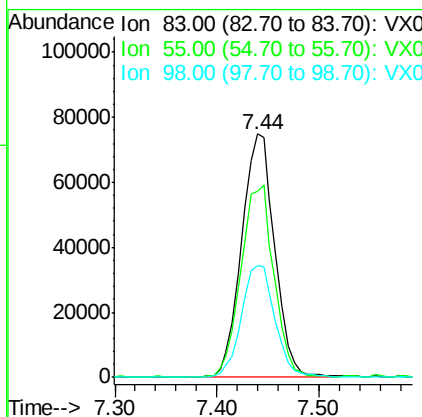
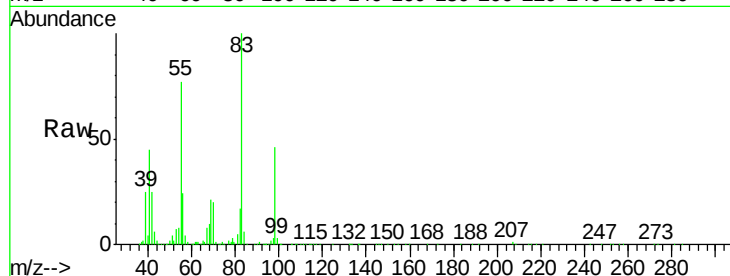
#39
Methylcyclohexane
Concen: 13.407 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.8	92.8
98	46.1	36.9	55.3

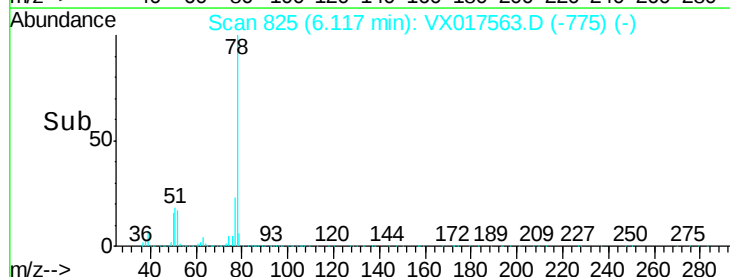
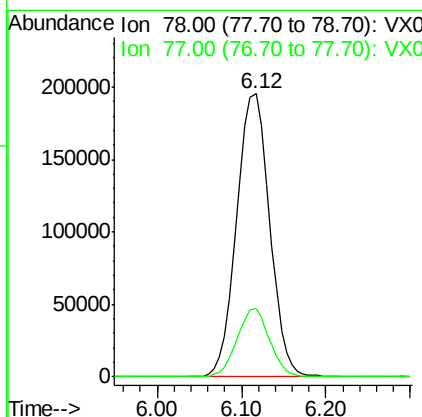
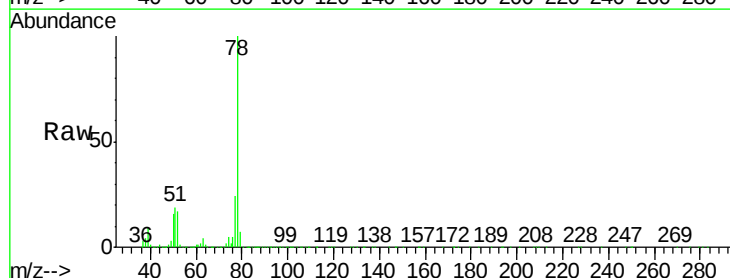
Manual Integrations
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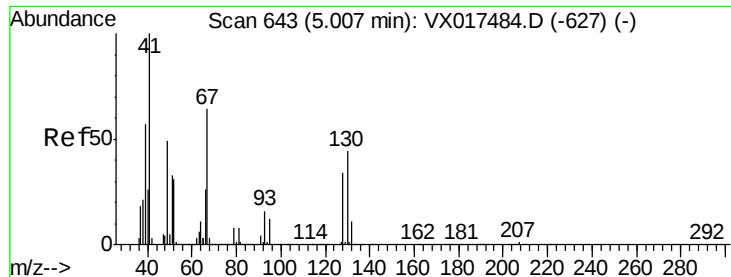
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#40
Benzene
Concen: 16.657 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





#41

Methacrylonitrile

Concen: 17.834 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

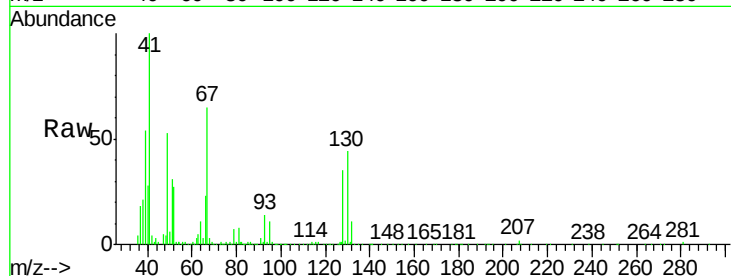
ClientSampleId :

VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.9	65.9
67	68.8	54.0	81.0
52	28.3	23.0	34.6

Manual Integrations
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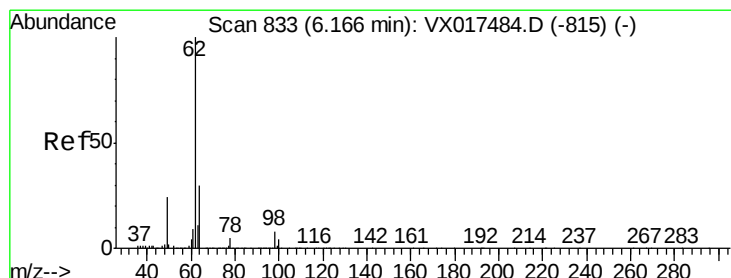
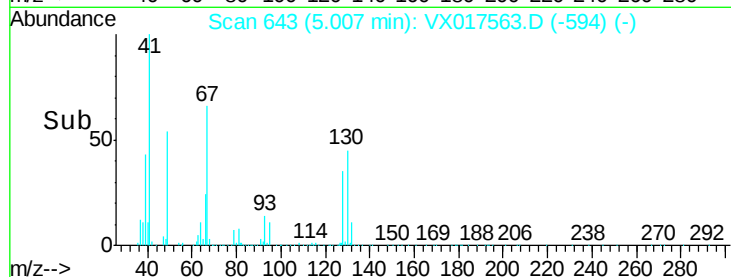
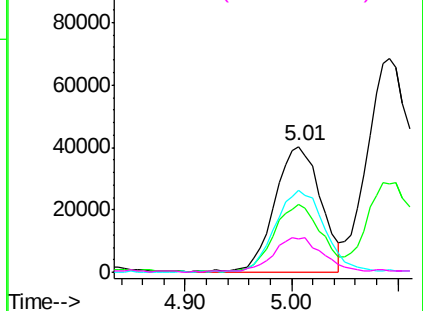
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 16.670 ug/l

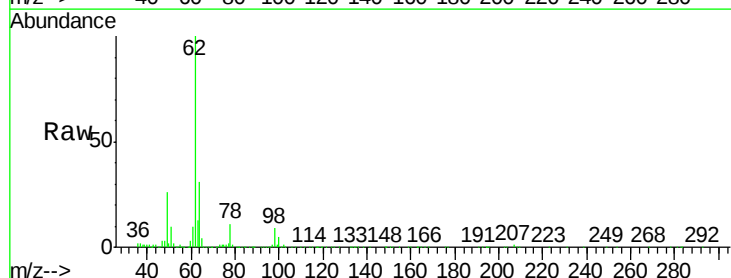
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

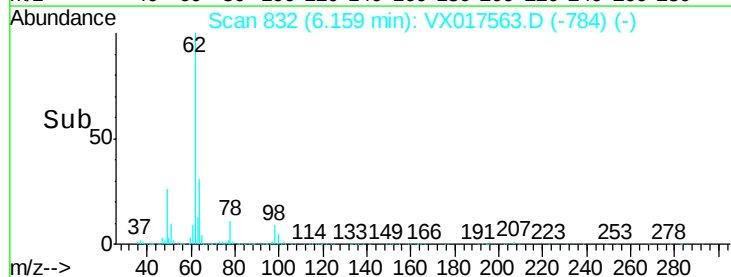
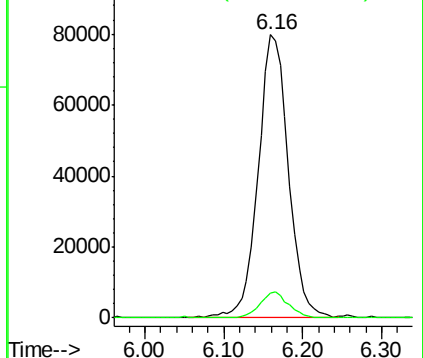
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0

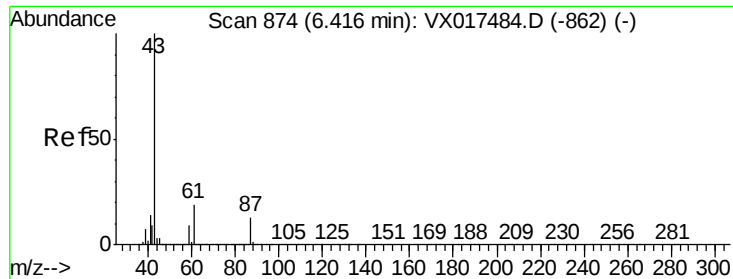


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.216 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

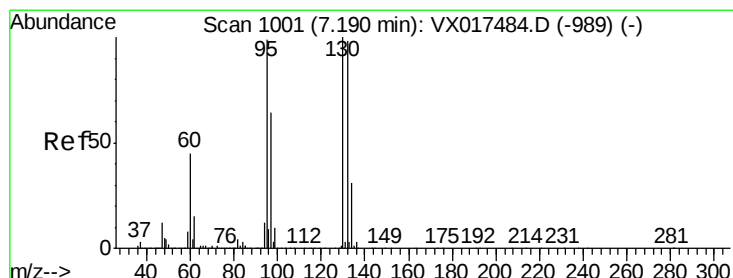
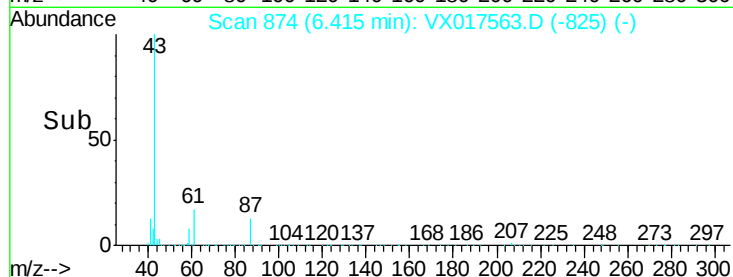
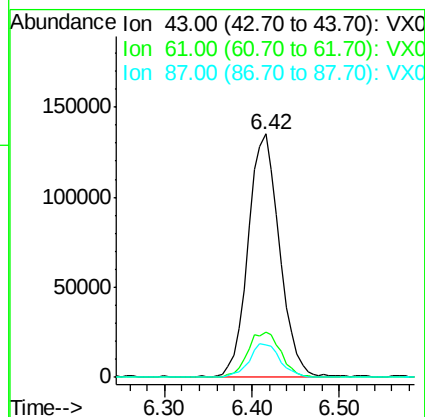
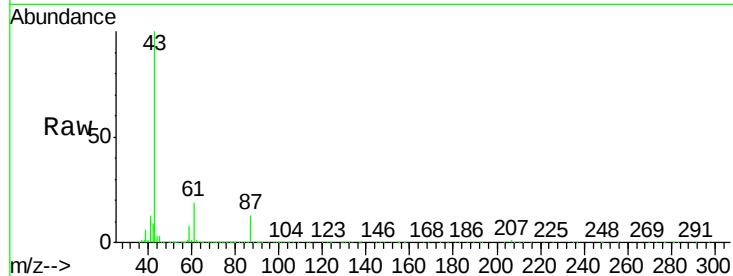
ClientSampleId :

VX0724WBSD02

Tgt Ion:	43	Resp:	336041
Ion Ratio	Lower	Upper	
43	100		
61	19.5	15.5	23.3
87	13.7	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 15.812 ug/l

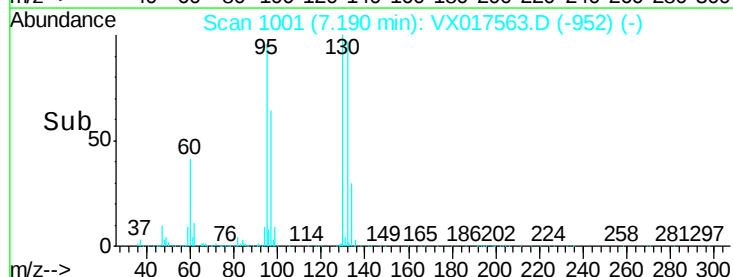
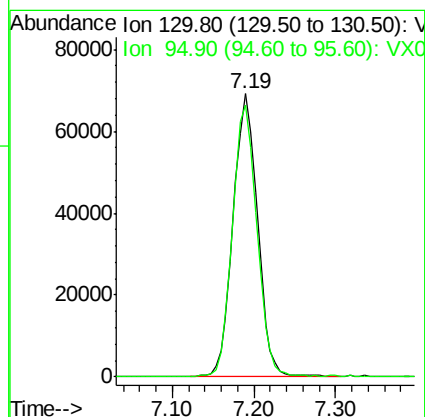
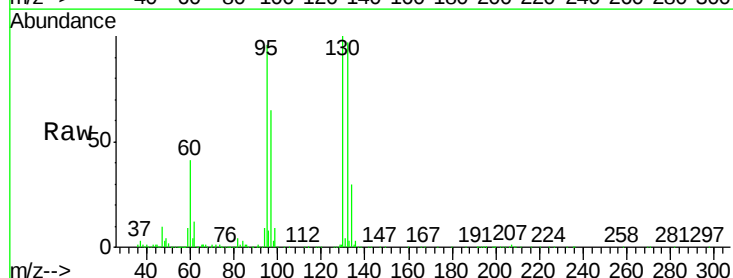
RT: 7.19 min Scan# 1001

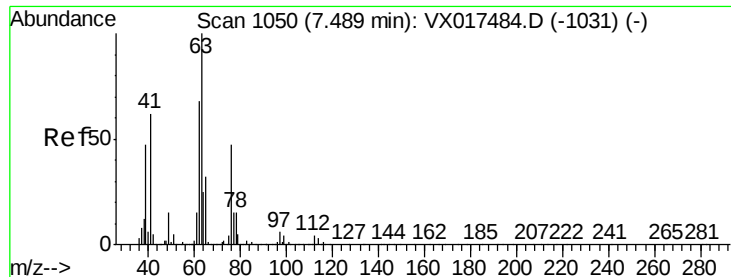
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	130	Resp:	143240
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	189.0





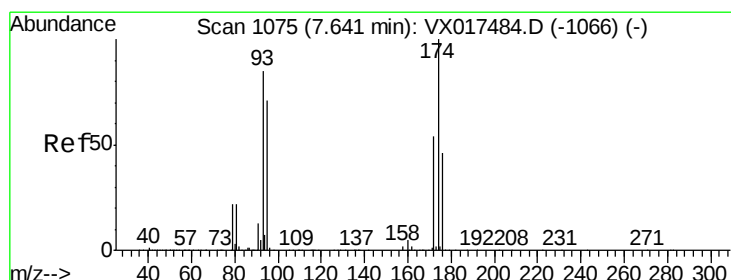
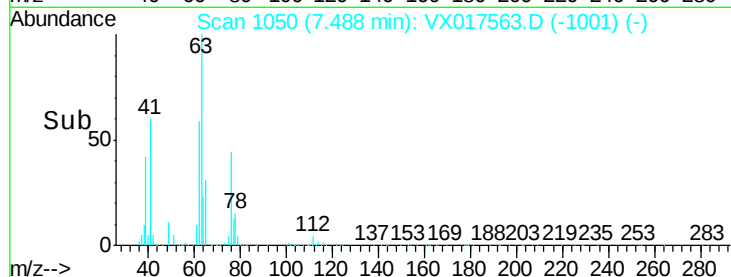
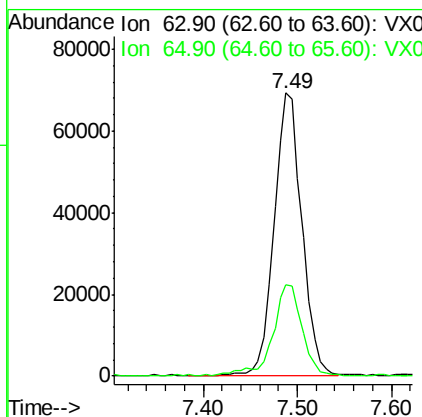
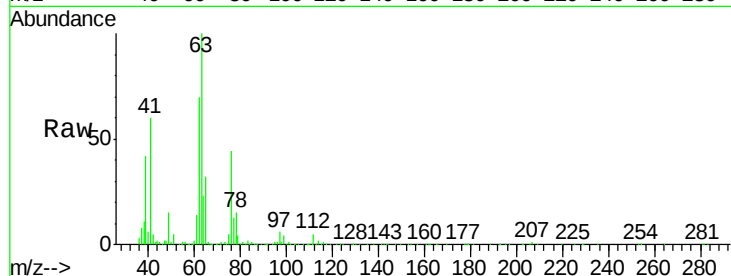
#45
 1,2-Dichloropropane
 Concen: 16.646 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion: 63 Resp: 143045
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.5 36.7

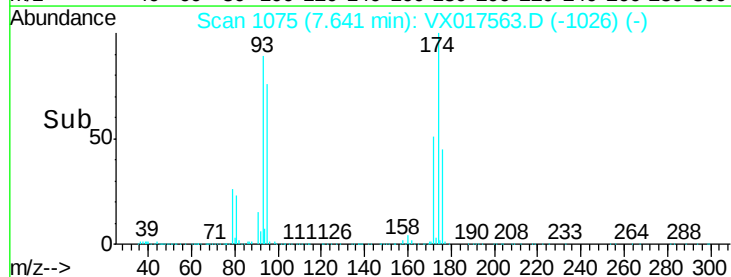
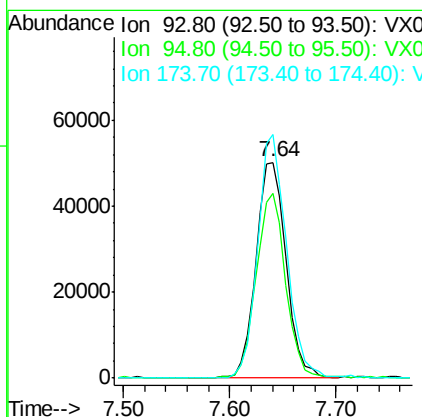
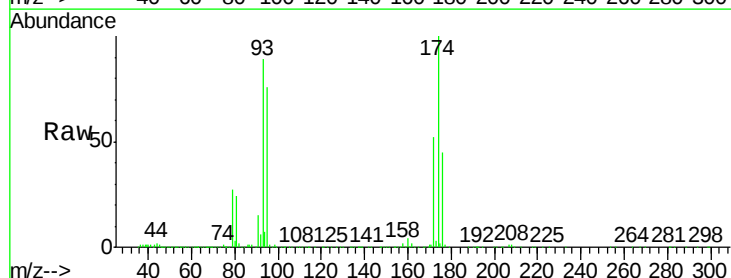
Manual Integrations
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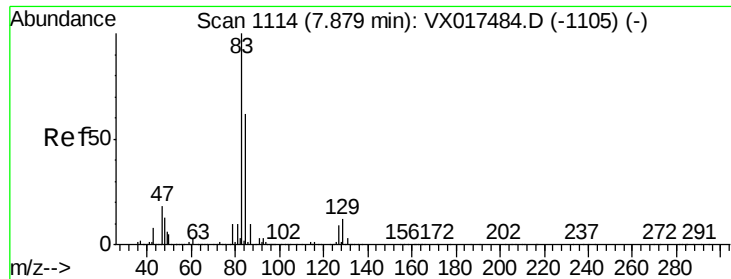
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 7/27/2020 11:03:04 AM



#46
 Dibromomethane
 Concen: 16.371 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion: 93 Resp: 99424
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 108.5 87.0 130.6





#47

Bromodichloromethane

Concen: 17.145 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

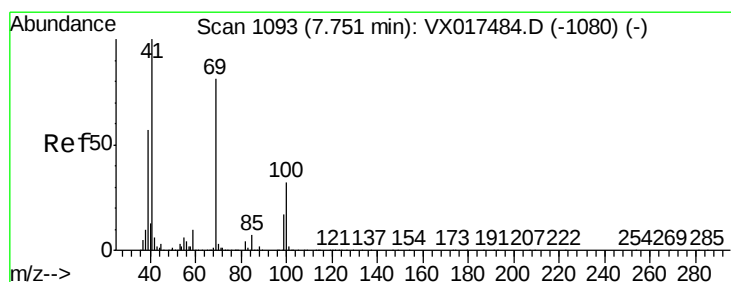
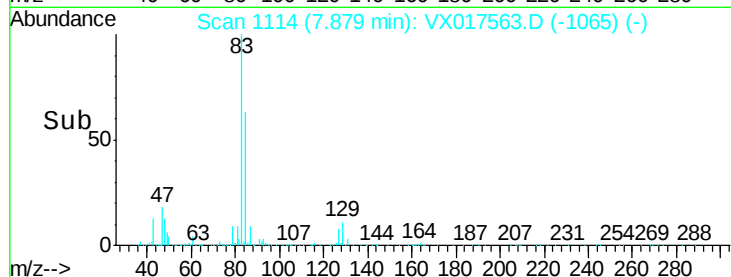
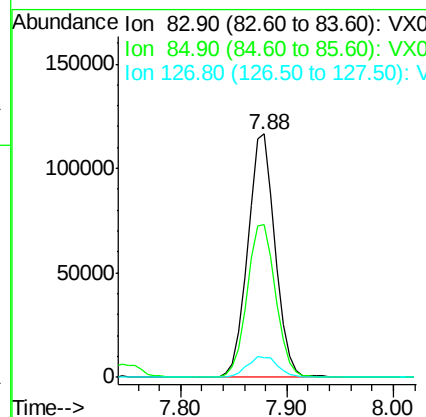
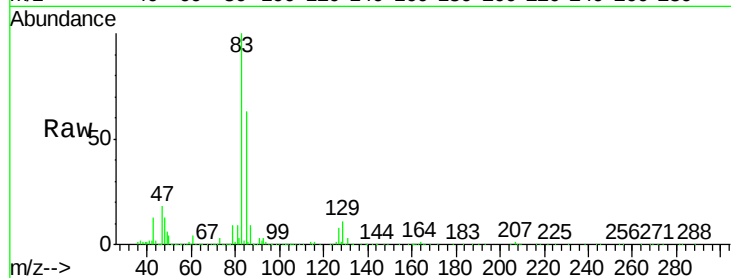
ClientSampleId :

VX0724WBSD02

Tgt Ion:	83	Resp:	209510
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.8
127	8.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.592 ug/l

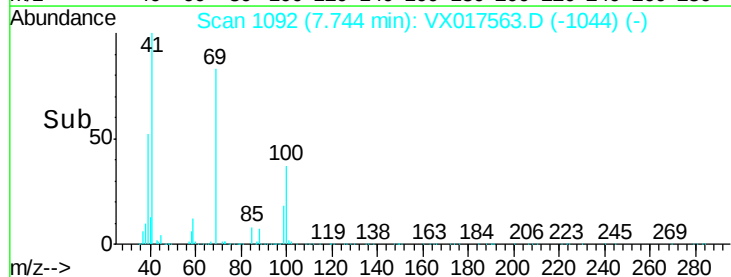
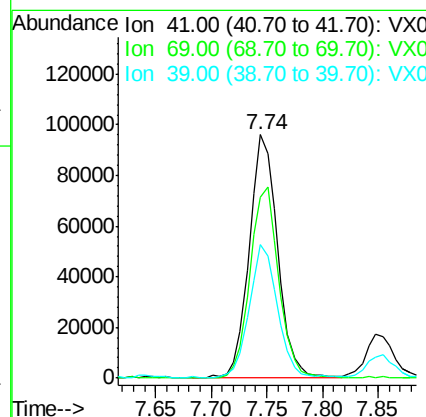
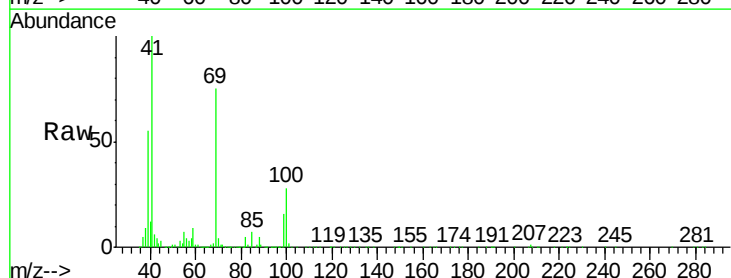
RT: 7.74 min Scan# 1092

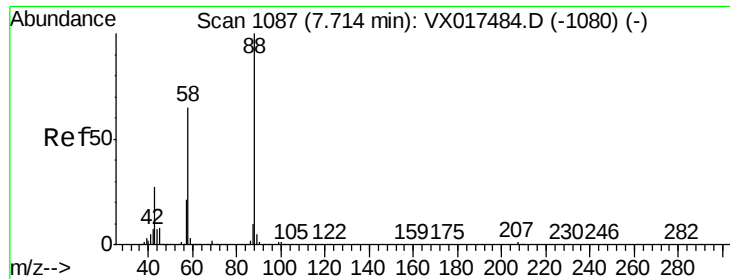
Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	41	Resp:	170217
Ion	Ratio	Lower	Upper
41	100		
69	80.3	63.1	94.7
39	54.0	45.1	67.7





#49

1,4-Dioxane

Concen: 382.696 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

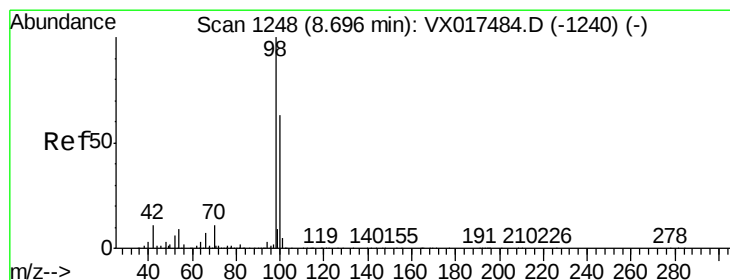
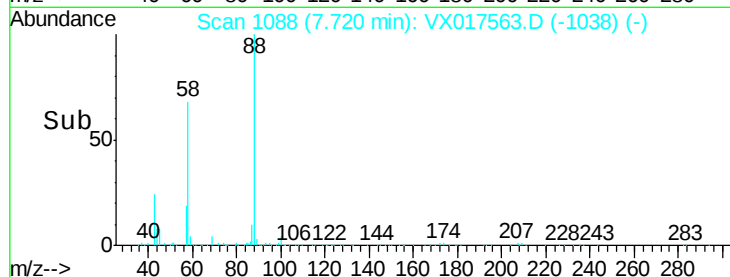
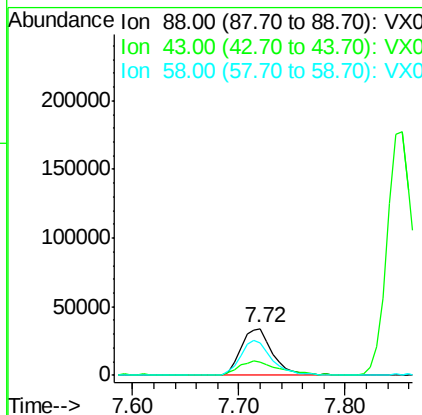
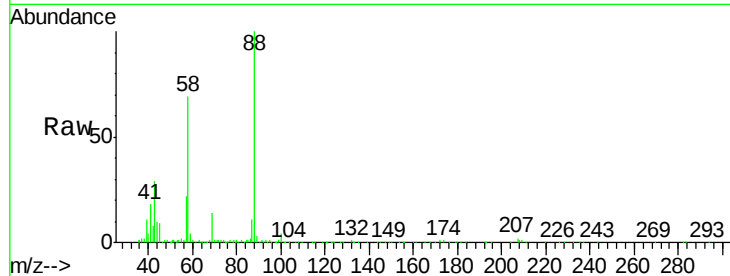
ClientSampleId :

VX0724WBSD02

Tgt Ion:	88	Resp:	70992
Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.8	41.6
58	75.2	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 43.312 ug/l

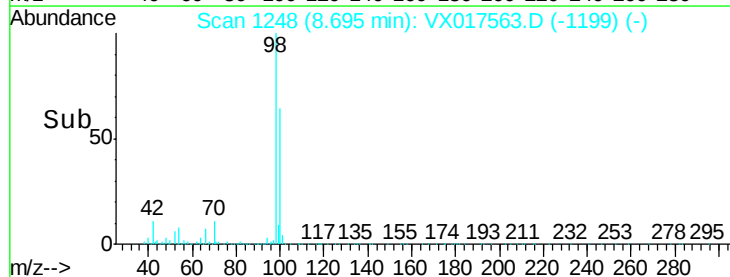
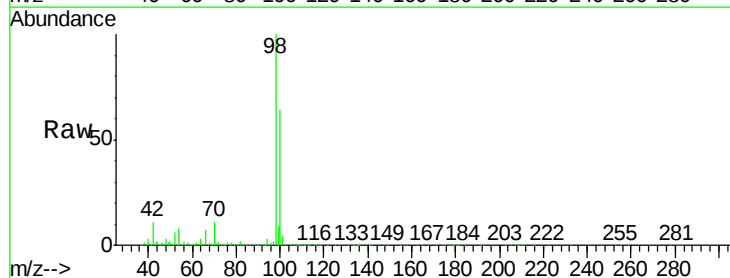
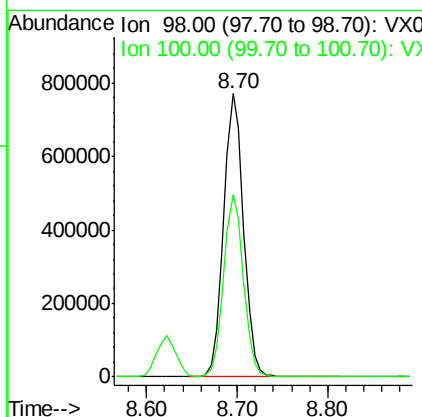
RT: 8.70 min Scan# 1248

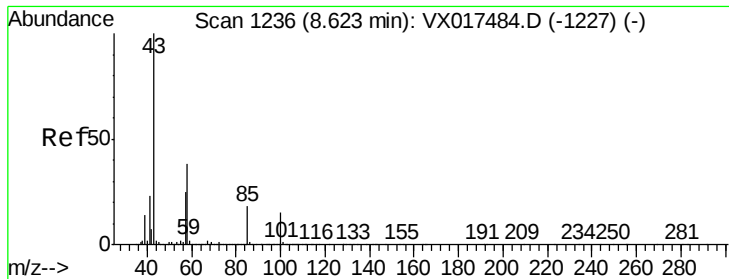
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	98	Resp:	1178082
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 98.301 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 43 Resp: 1144863

Ion Ratio Lower Upper

43 100

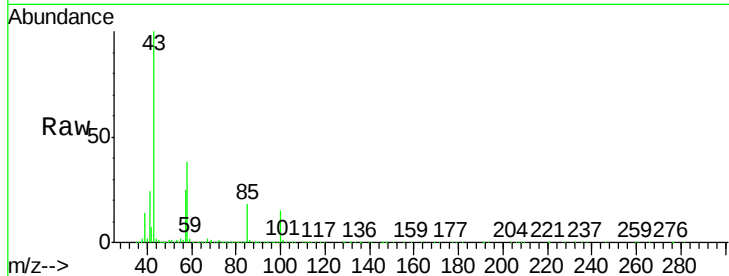
58 38.0 31.0 46.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

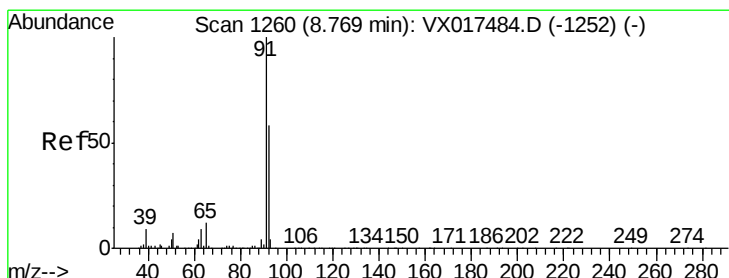
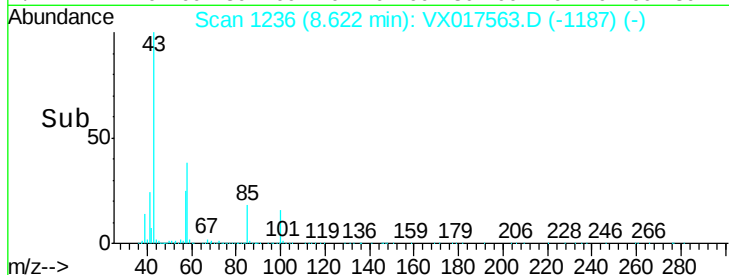
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 16.709 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017563.D

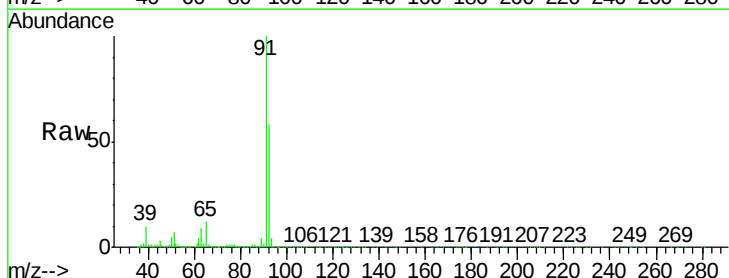
Acq: 25 Jul 2020 02:19

Tgt Ion: 92 Resp: 332170

Ion Ratio Lower Upper

92 100

91 171.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

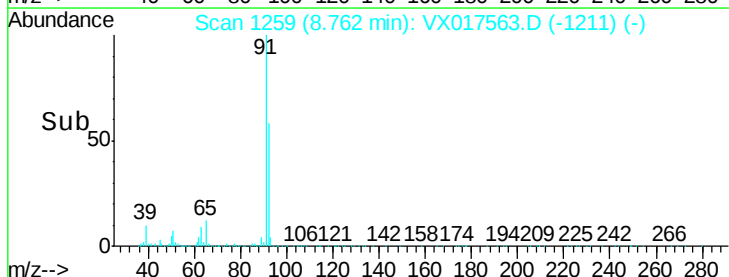
300000

200000

100000

0

Time-->





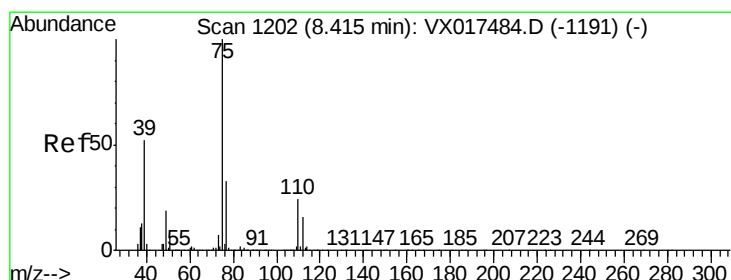
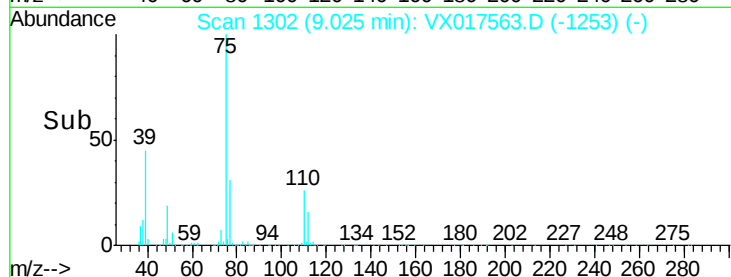
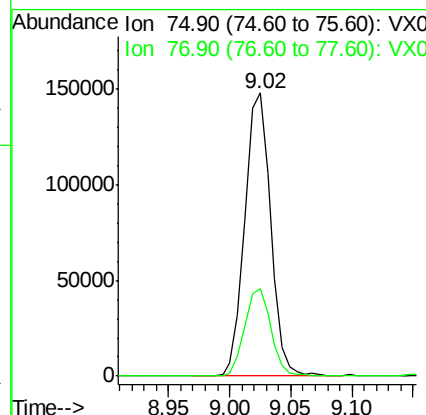
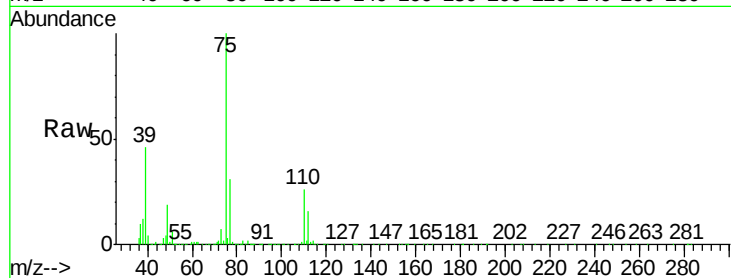
#53
t-1,3-Dichloropropene
Concen: 15.845 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion: 75 Resp: 216737
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3

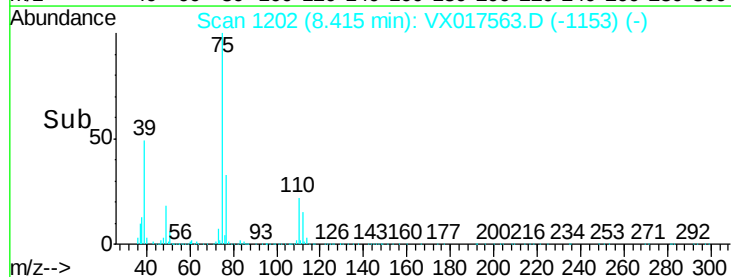
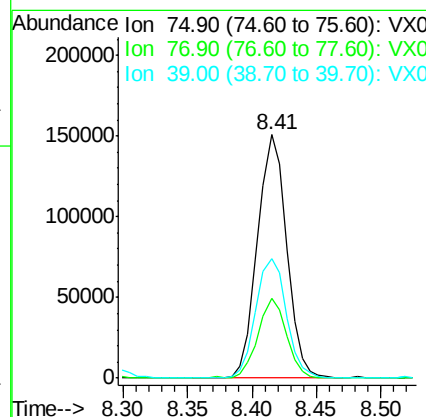
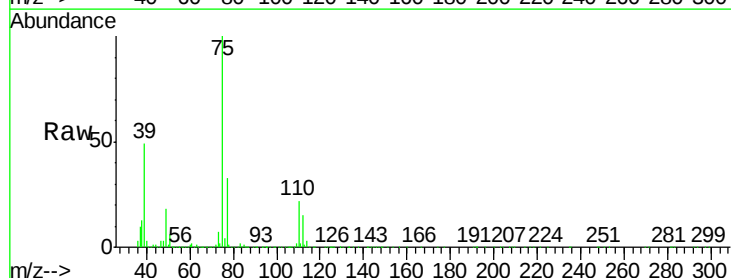
Manual Integrations
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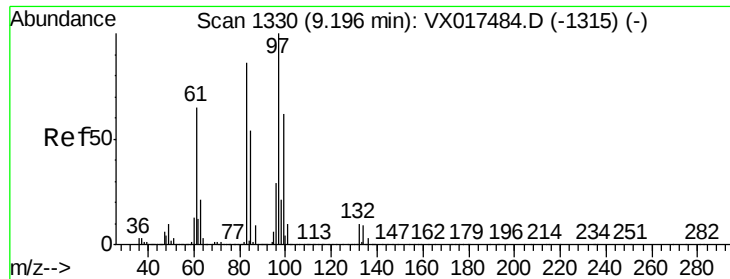
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#54
cis-1,3-Dichloropropene
Concen: 16.871 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion: 75 Resp: 235391
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 49.0 41.8 62.8





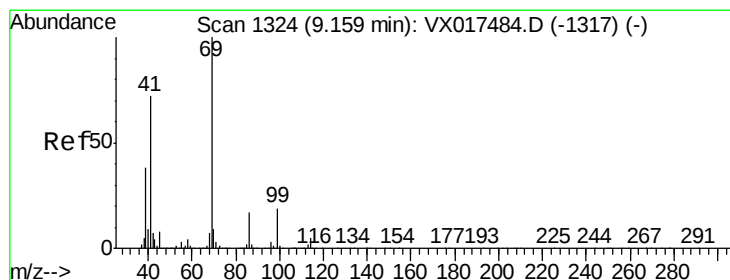
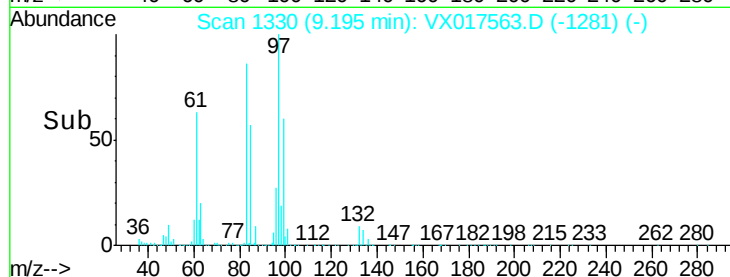
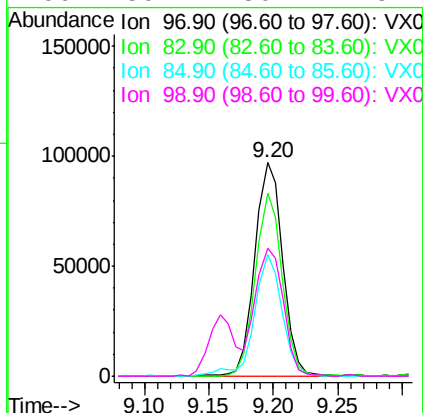
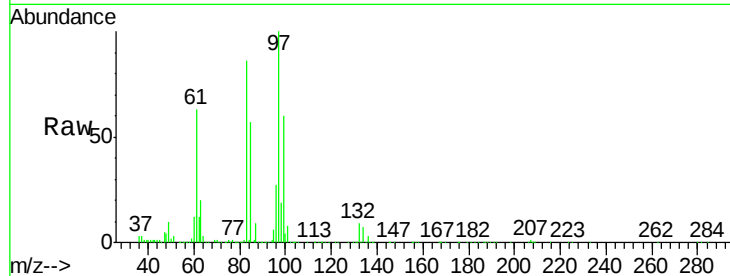
#55
 1,1,2-Trichloroethane
 Concen: 17.486 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	144807		
83	85.6	67.6	101.4	
85	56.7	44.6	67.0	
99	59.4	50.2	75.4	

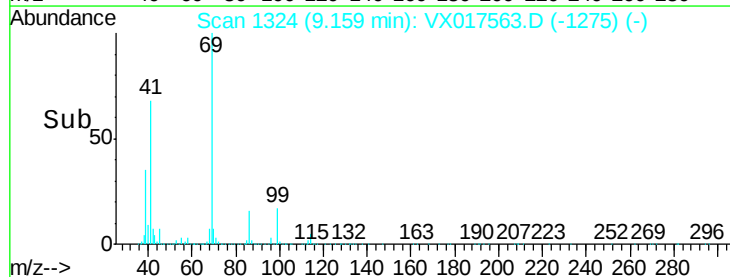
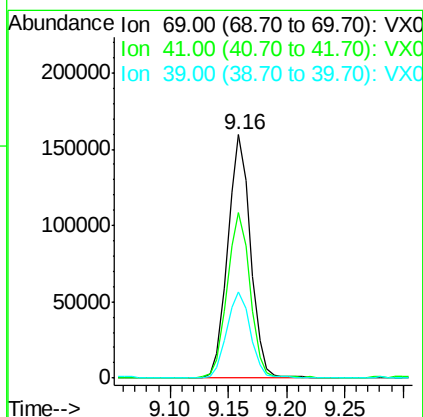
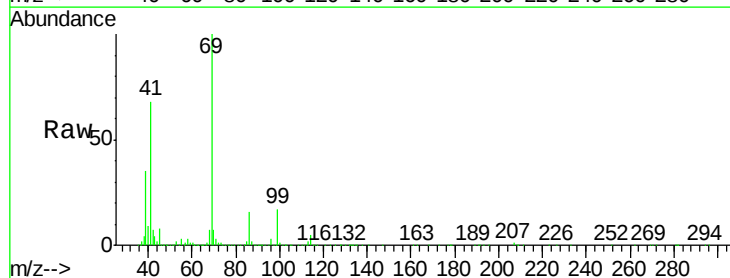
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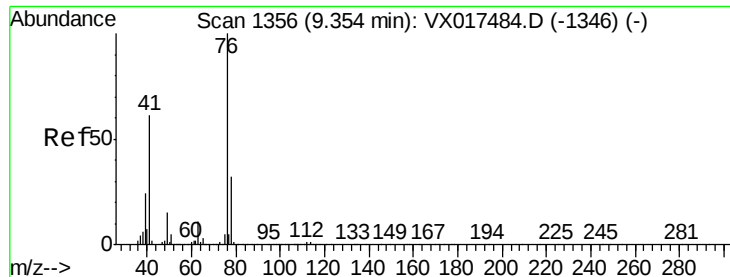
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#56
 Ethyl methacrylate
 Concen: 17.284 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	215651		
41	68.7	55.0	82.6	
39	37.3	30.0	45.0	





#57

1,3-Dichloropropane

Concen: 17.574 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 76 Resp: 239646

Ion Ratio Lower Upper

76 100

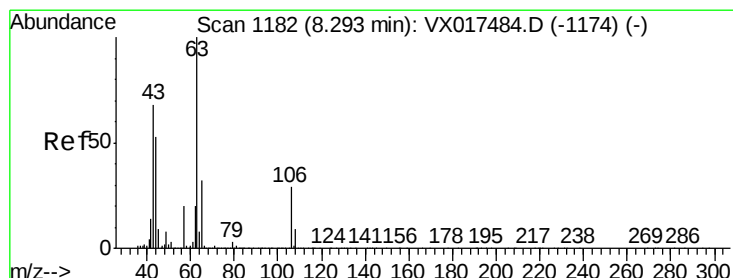
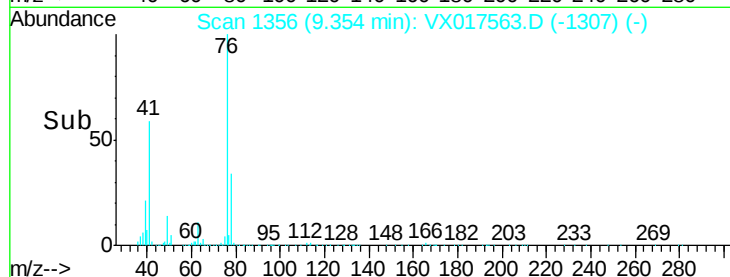
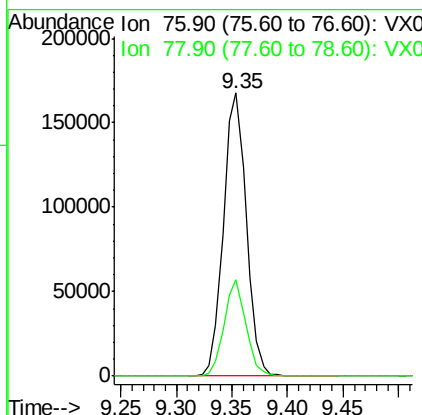
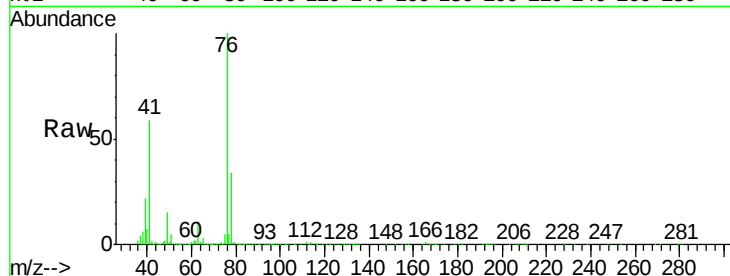
78 32.4 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 89.081 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017563.D

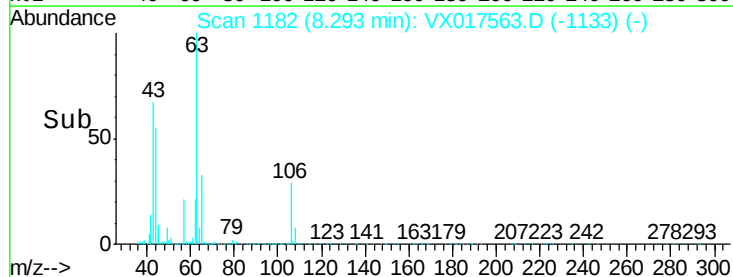
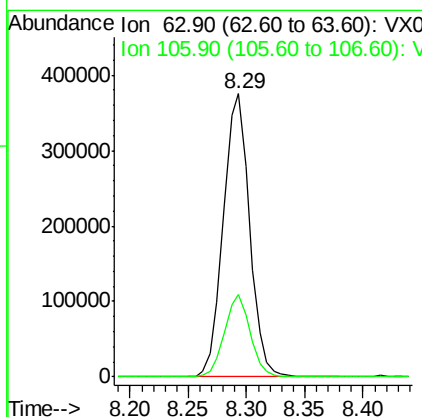
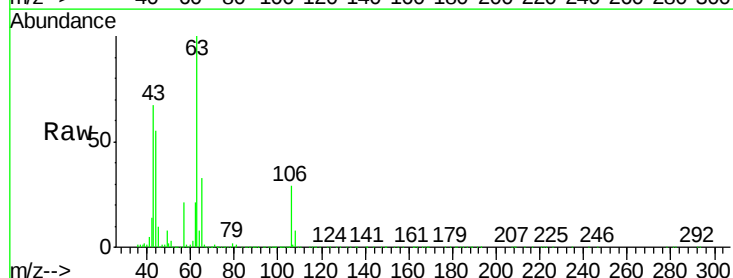
Acq: 25 Jul 2020 02:19

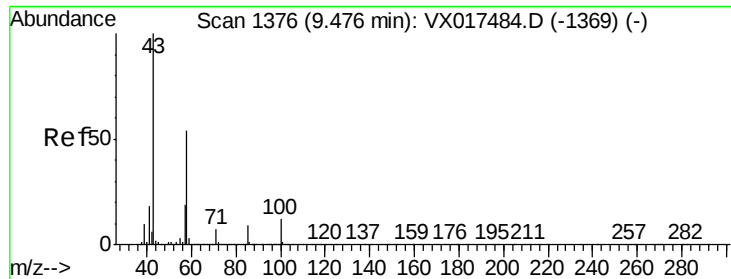
Tgt Ion: 63 Resp: 585560

Ion Ratio Lower Upper

63 100

106 28.6 22.6 34.0





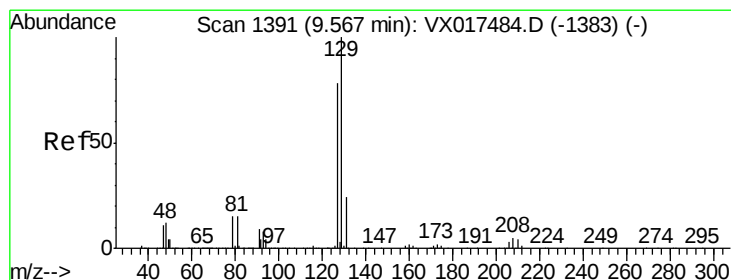
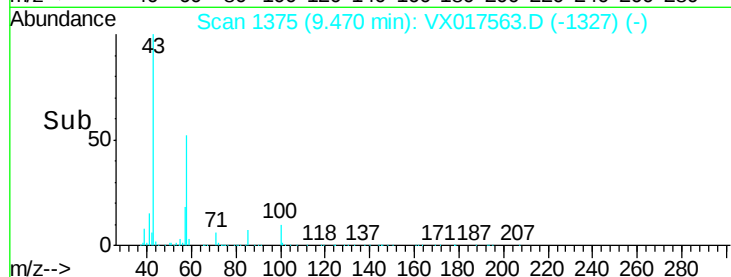
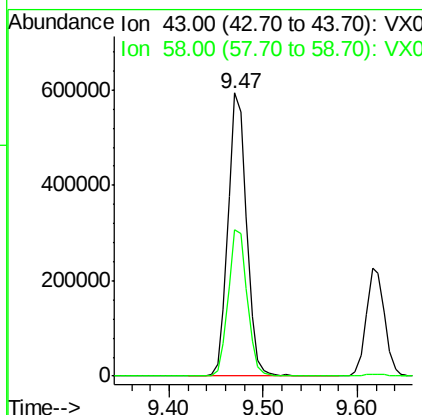
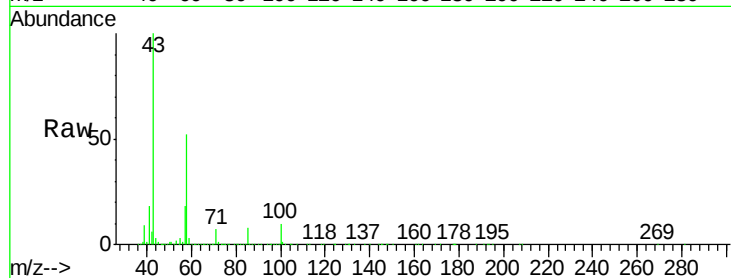
#59
2-Hexanone
Concen: 92.523 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion: 43 Resp: 811293
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.8

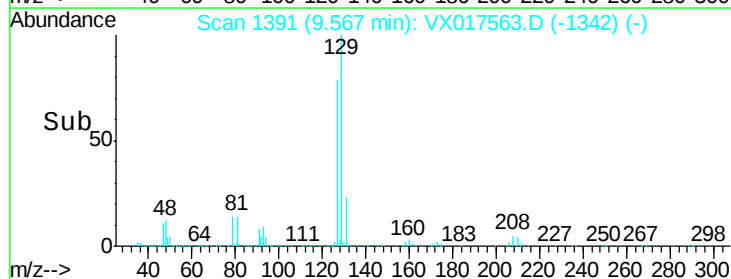
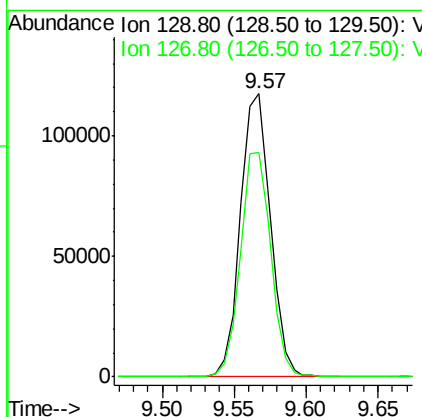
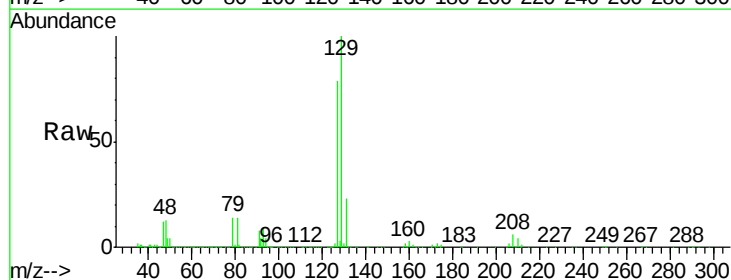
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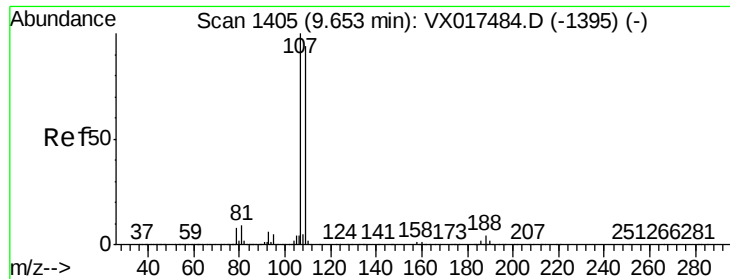
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#60
Dibromochloromethane
Concen: 16.190 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion: 129 Resp: 170417
Ion Ratio Lower Upper
129 100
127 79.7 38.4 115.1





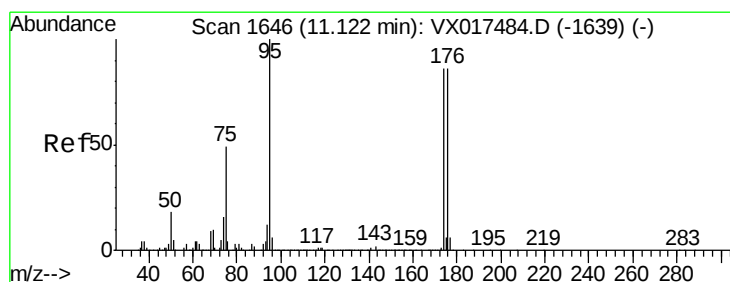
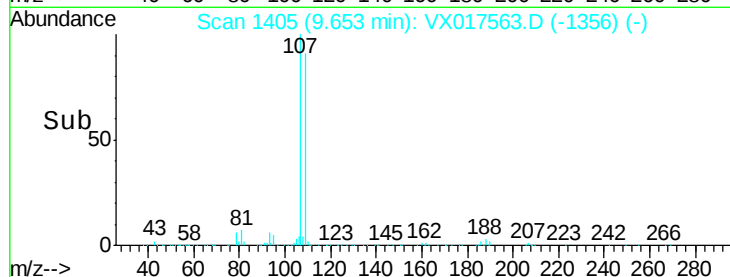
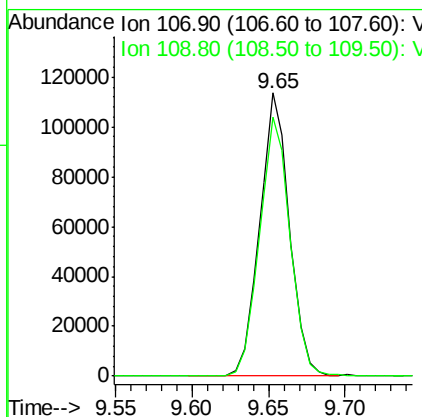
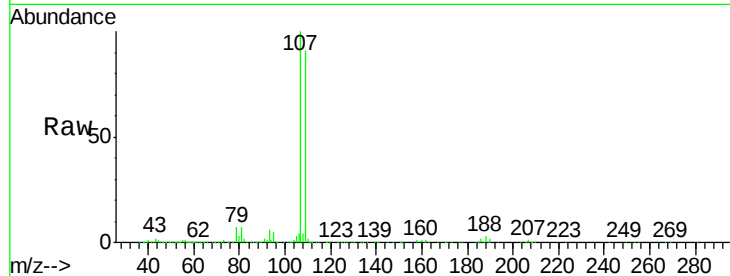
#61
 1,2-Dibromoethane
 Concen: 17.392 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion: 107 Resp: 153344
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.9 112.3

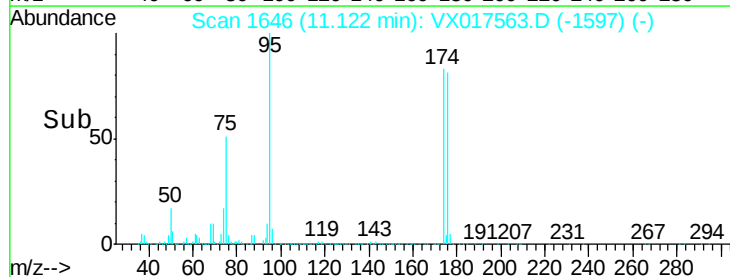
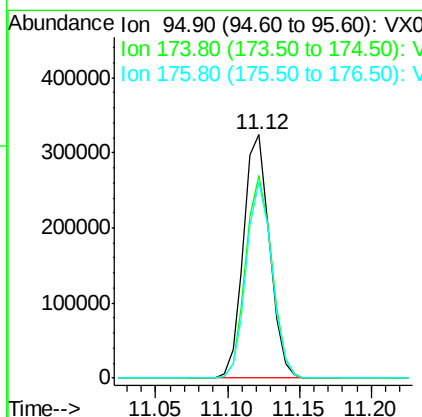
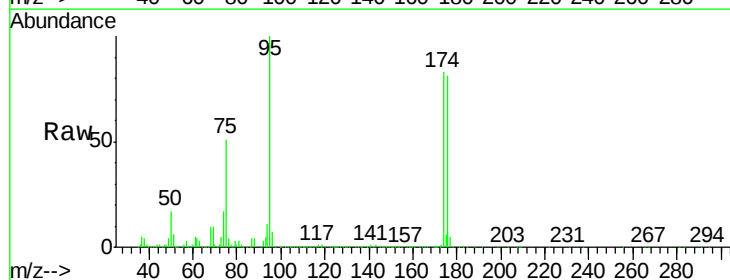
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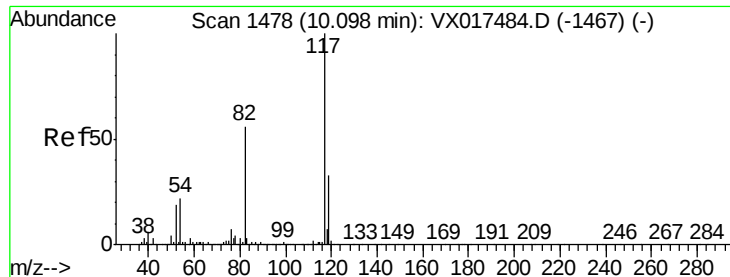
MMDadoda
 7/27/2020 11:03:04 AM



#62
 4-Bromofluorobenzene
 Concen: 37.432 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion: 95 Resp: 407460
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 169.0
 176 79.5 0.0 161.0





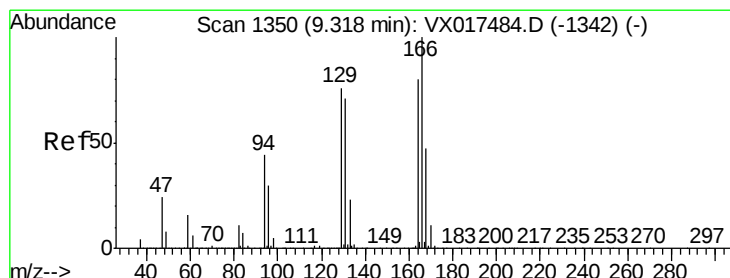
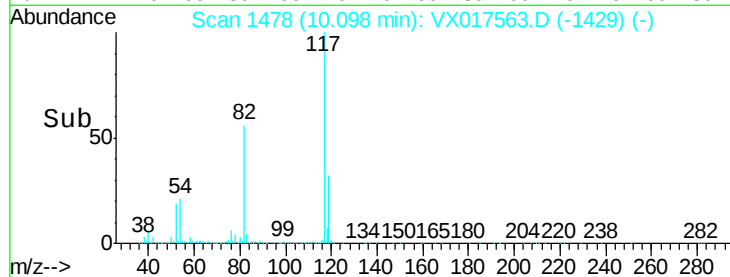
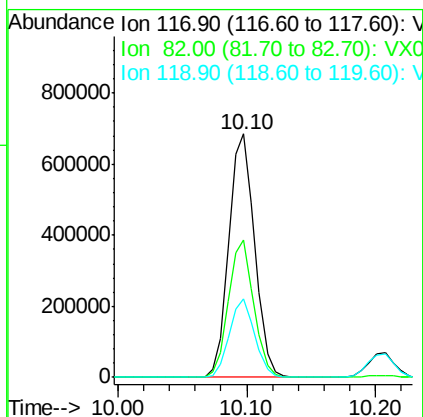
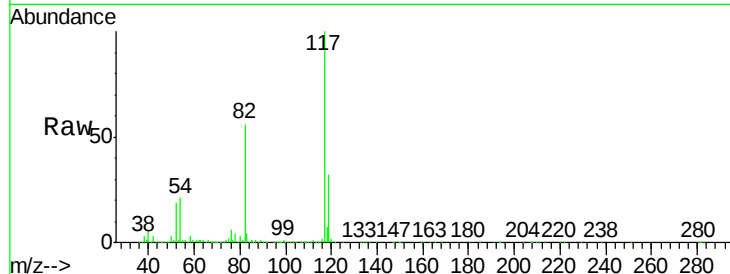
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.2	44.0	66.0
119	32.4	25.4	38.0

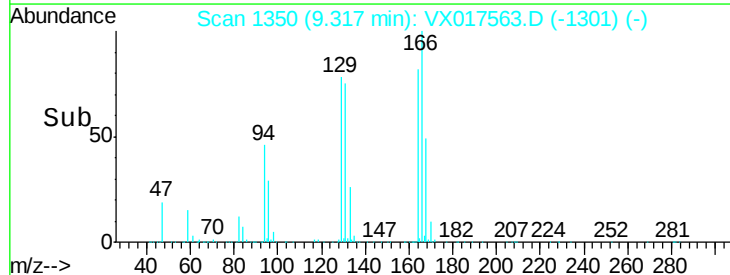
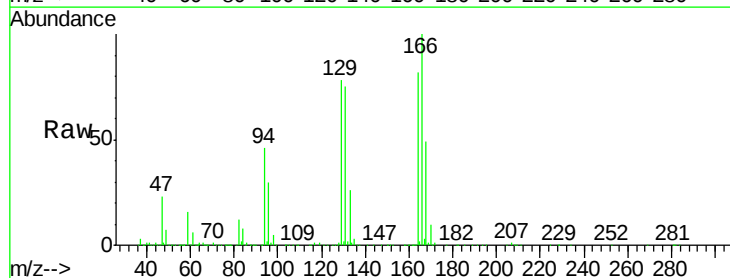
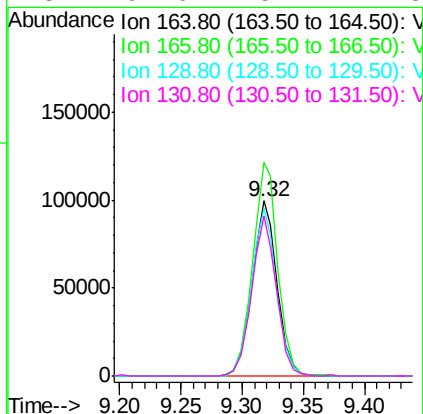
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#64
Tetrachloroethene
Concen: 16.312 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.0	100.6	150.8
129	95.7	75.0	112.6
131	91.6	75.2	112.8





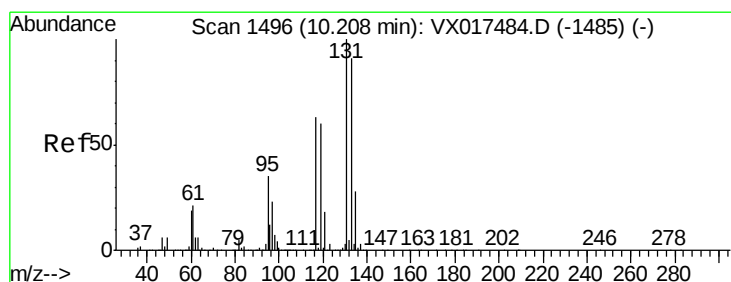
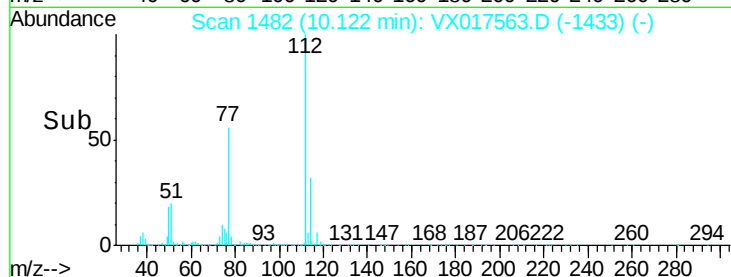
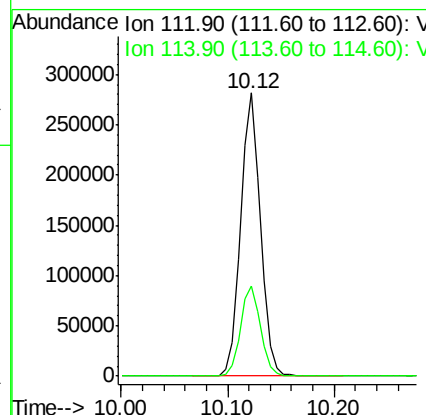
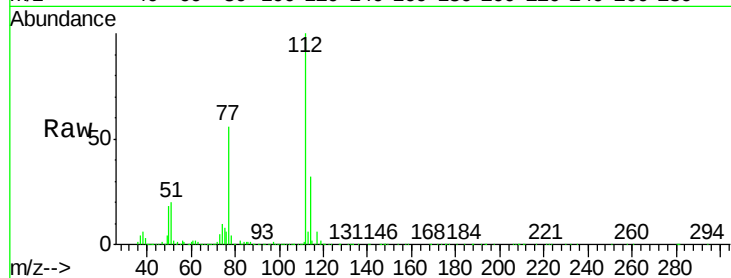
#65
Chlorobenzene
Concen: 17.577 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion:112 Resp: 367185
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

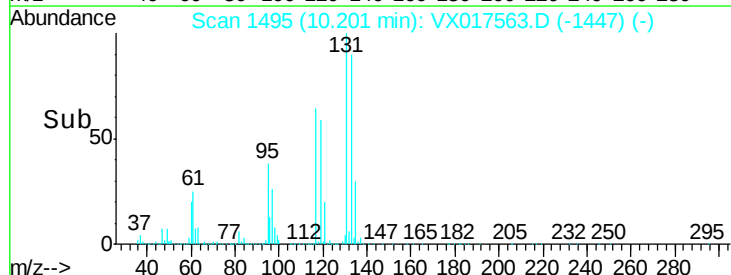
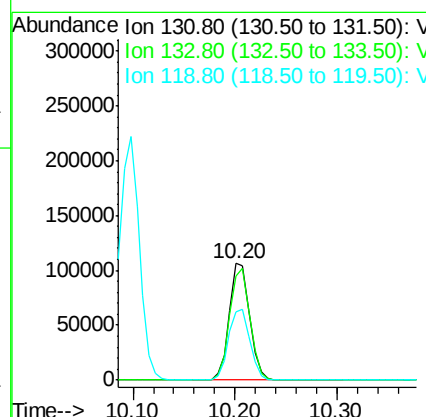
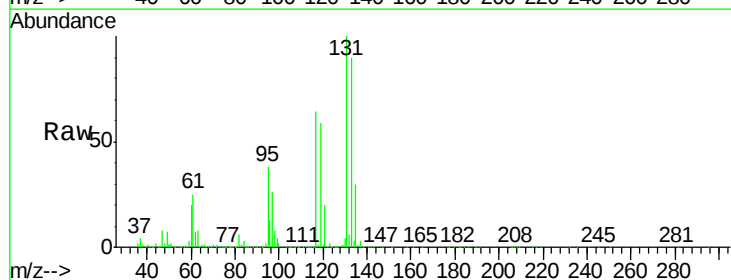
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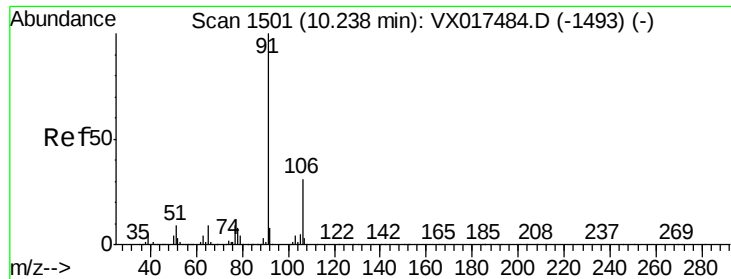
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.478 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion:131 Resp: 147362
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.4 31.1 93.3





#67

Ethyl Benzene

Concen: 17.076 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 91 Resp: 595470

Ion Ratio Lower Upper

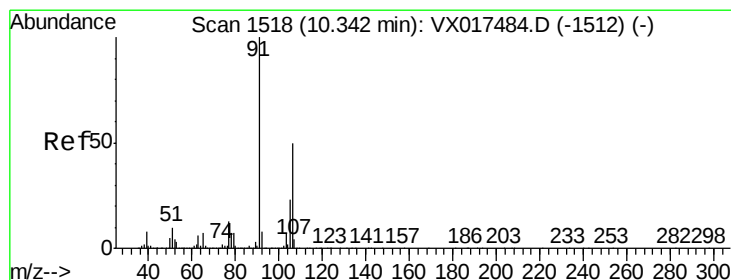
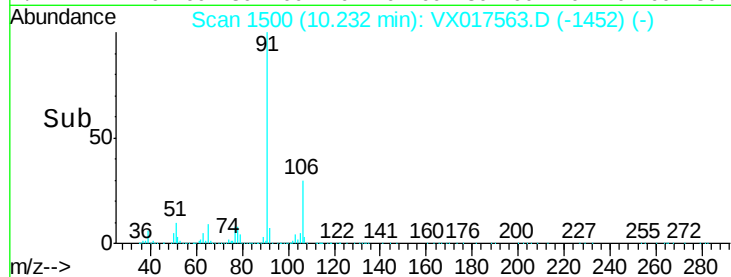
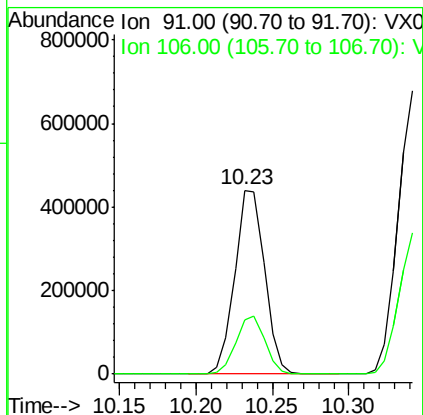
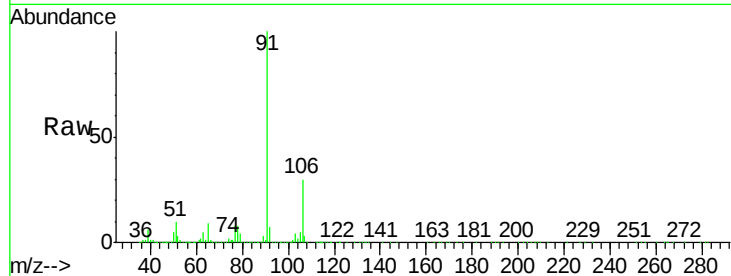
91 100

106 29.7 25.8 38.6

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#68

m/p-Xylenes

Concen: 33.563 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017563.D

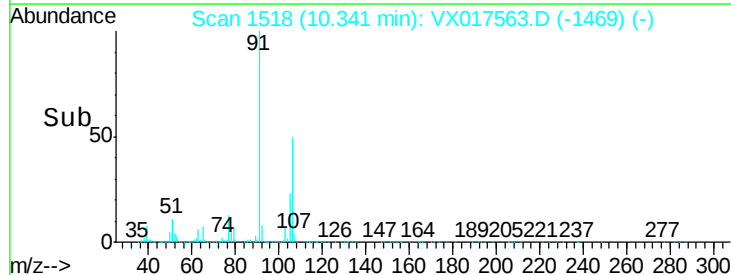
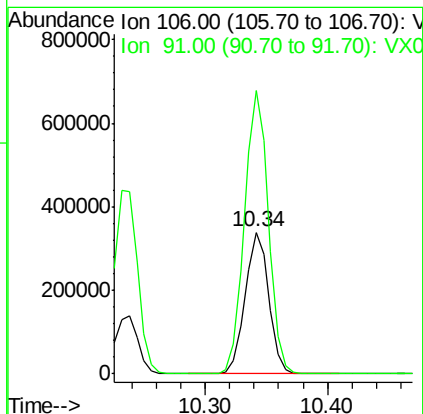
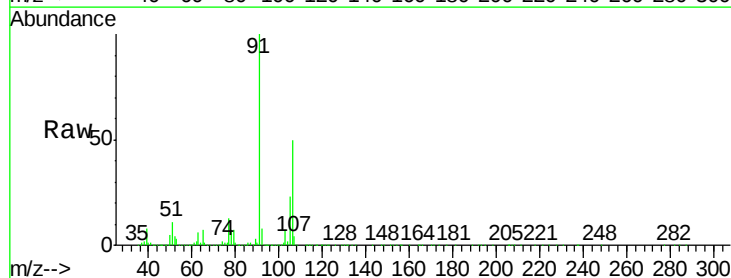
Acq: 25 Jul 2020 02:19

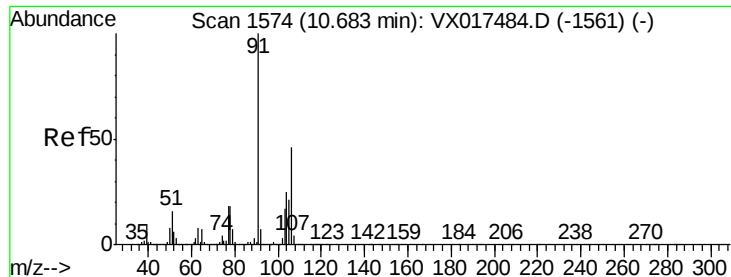
Tgt Ion: 106 Resp: 453412

Ion Ratio Lower Upper

106 100

91 202.3 160.9 241.3





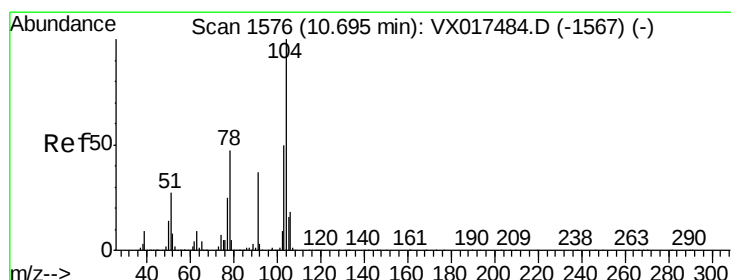
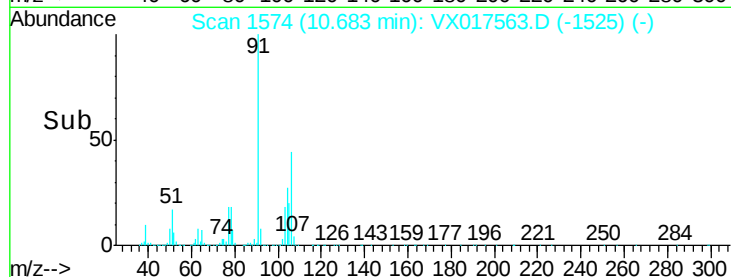
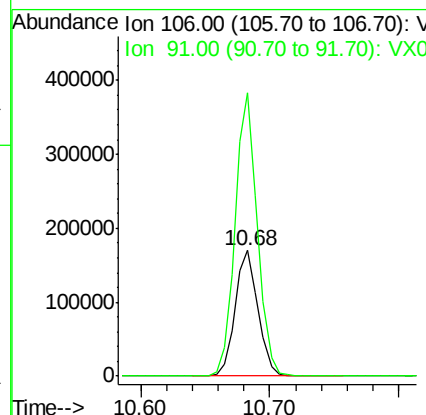
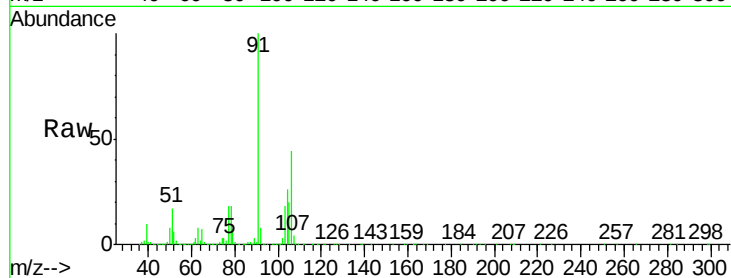
#69
o-Xylene
Concen: 16.283 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion:106 Resp: 211556
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6

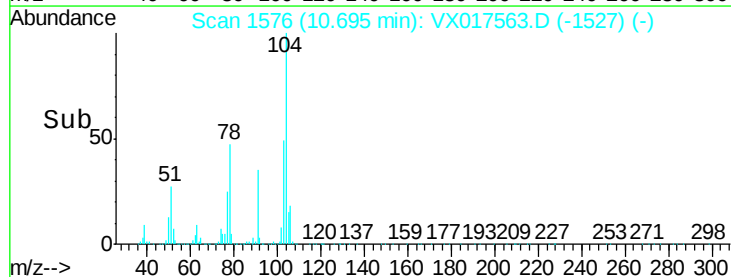
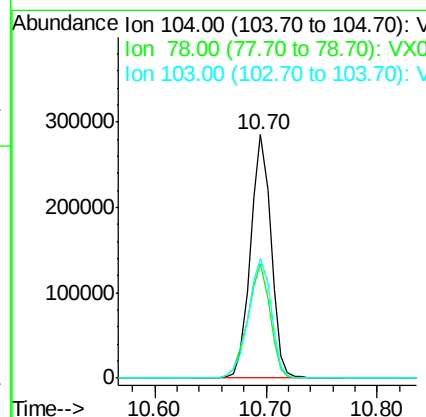
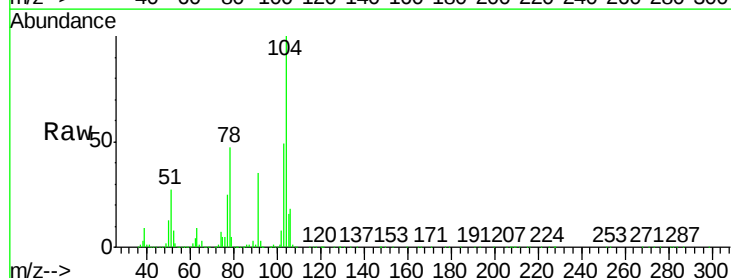
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#70
Styrene
Concen: 16.556 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion:104 Resp: 365997
Ion Ratio Lower Upper
104 100
78 51.3 42.5 63.7
103 54.7 44.3 66.5





#71

Bromoform

Concen: 16.620 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

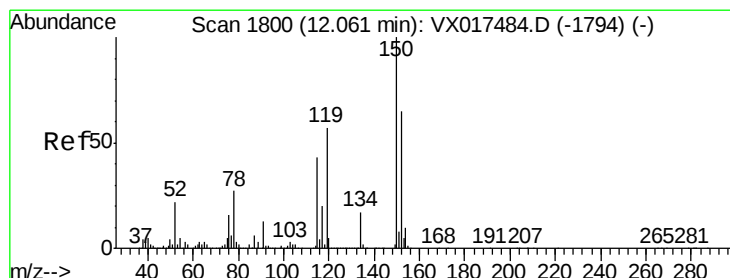
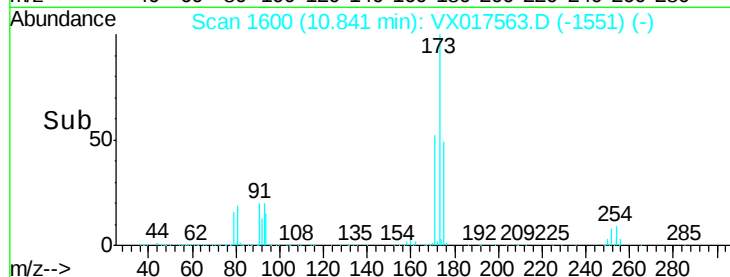
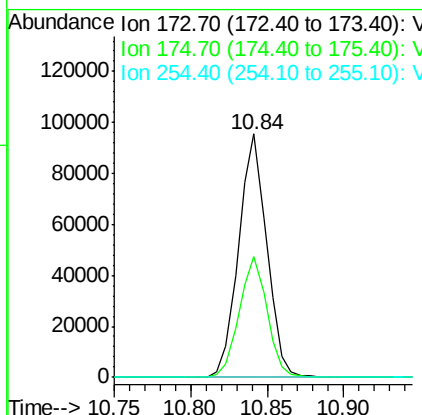
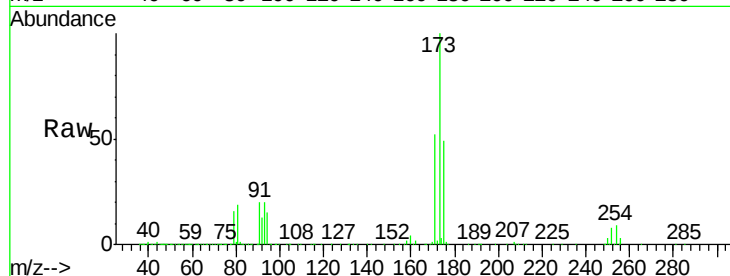
ClientSampleId :

VX0724WBSD02

Tgt Ion:	173	Resp:	121403
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.8	71.5
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

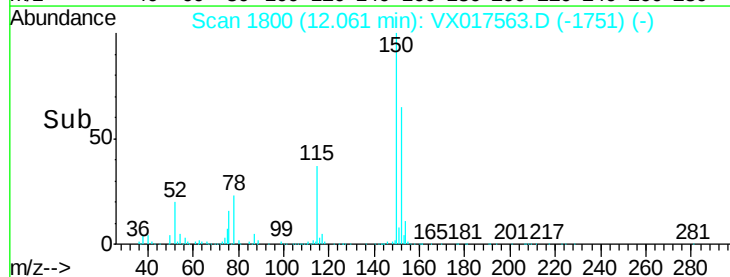
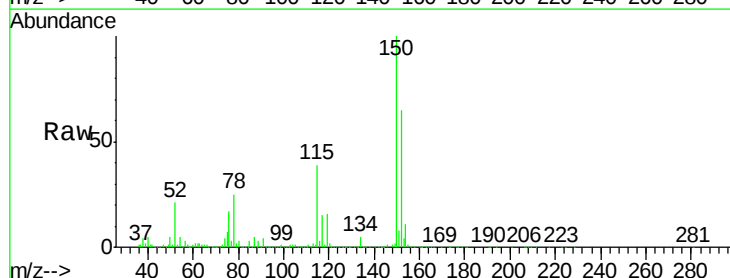
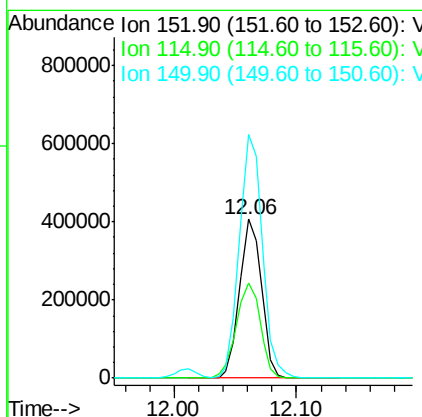
RT: 12.06 min Scan# 1800

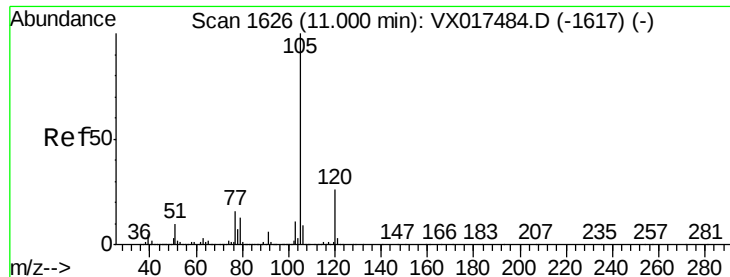
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	152	Resp:	501934
Ion Ratio	Lower	Upper	
152	100		
115	65.8	65.5	196.6
150	161.7	0.0	412.6





#73

Isopropylbenzene

Concen: 15.571 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 105 Resp: 536160

Ion Ratio Lower Upper

105 100

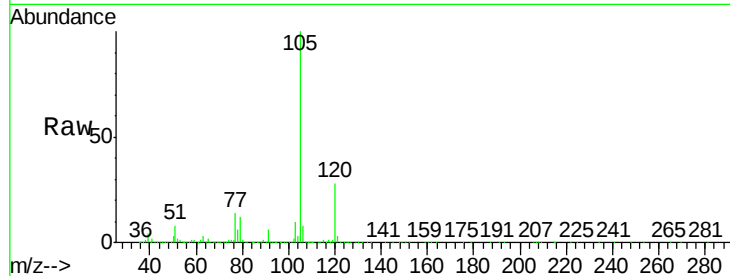
120 26.8 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

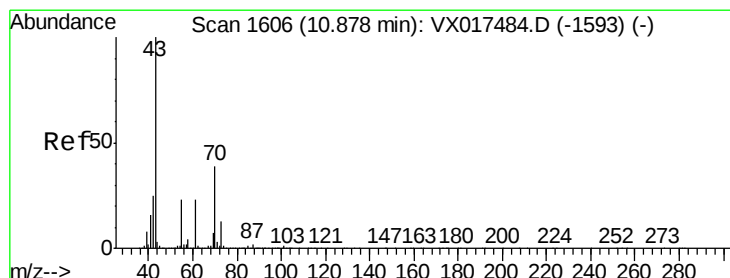
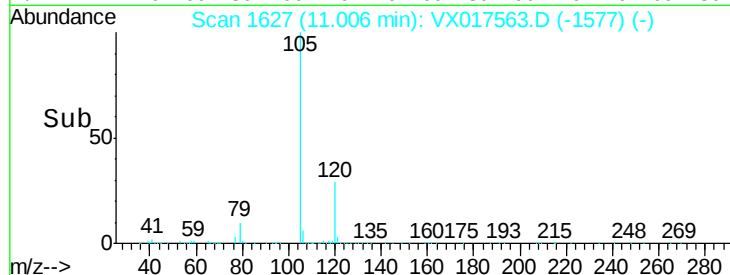
100000

0

Time--> 10.90

11.01

11.10



#74

N-ethyl acetate

Concen: 18.694 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion: 43 Resp: 286005

Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 24.0 18.4 27.6

61 24.0 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

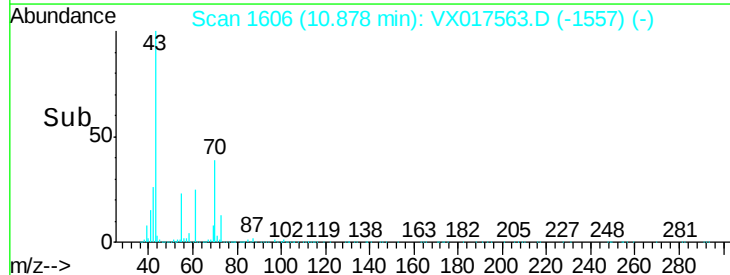
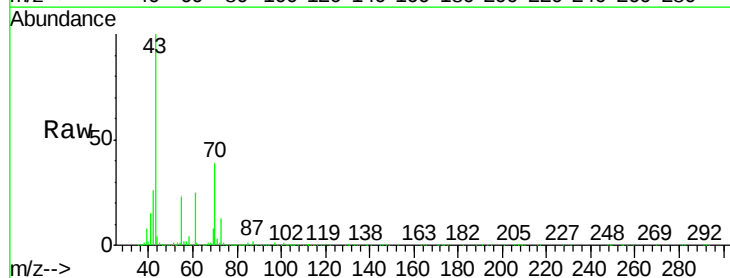
100000

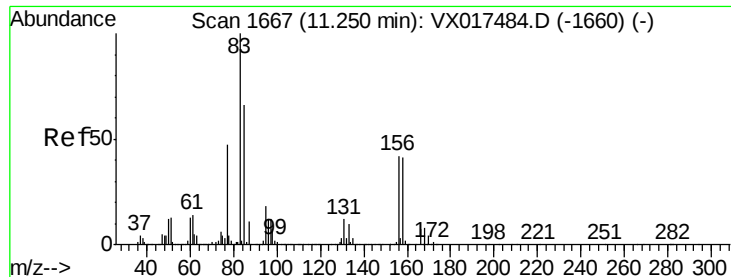
0

Time--> 10.80

10.88

11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.940 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 83 Resp: 214313

Ion Ratio Lower Upper

83 100

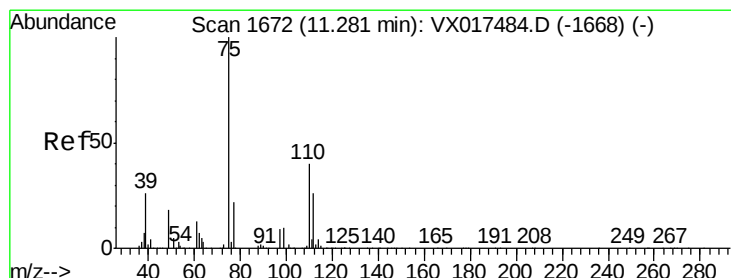
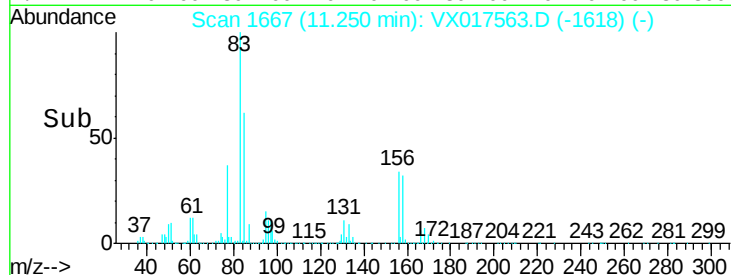
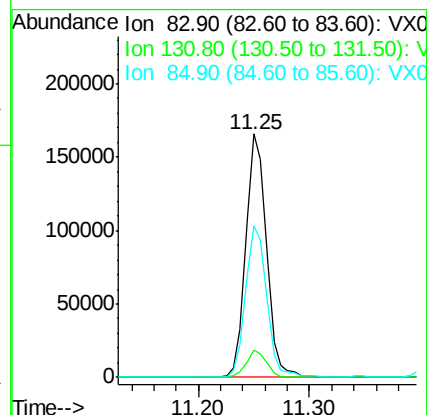
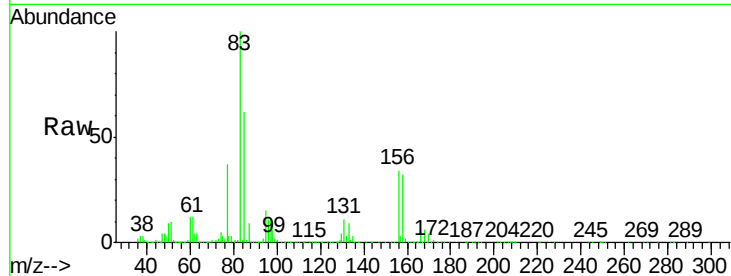
131 11.0 5.5 16.5

85 63.6 32.1 96.3

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#76

1,2,3-Trichloropropane

Concen: 20.627 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017563.D

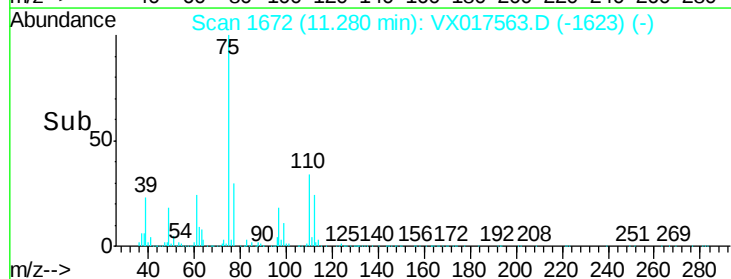
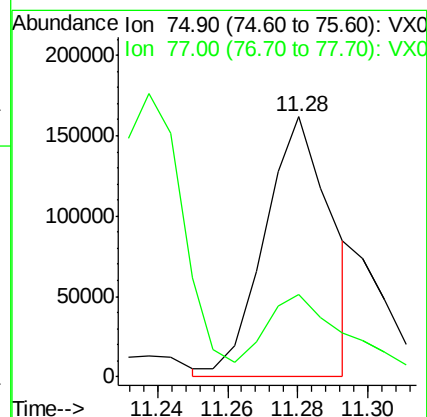
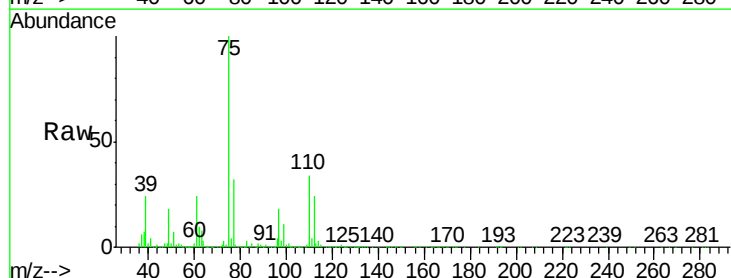
Acq: 25 Jul 2020 02:19

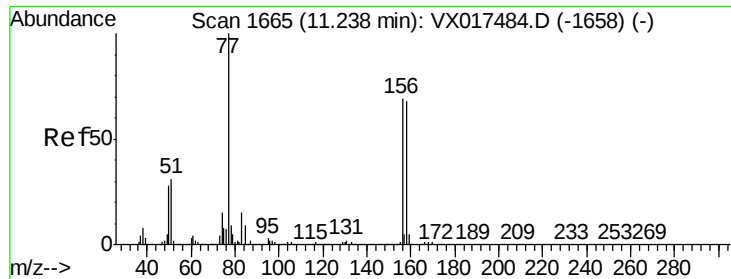
Tgt Ion: 75 Resp: 212977

Ion Ratio Lower Upper

75 100

77 39.3 21.8 65.3





#77

Bromobenzene

Concen: 17.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

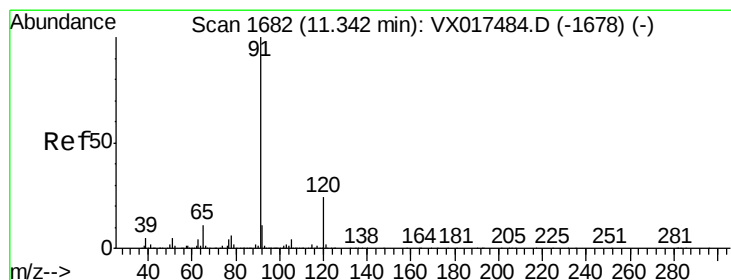
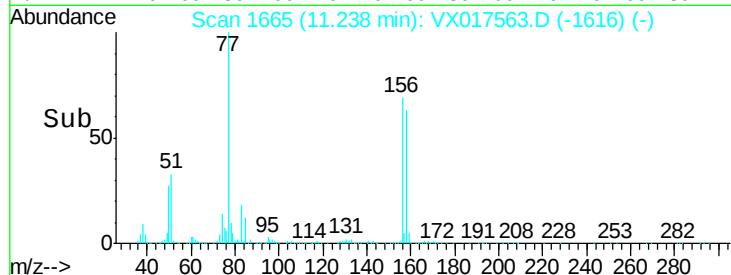
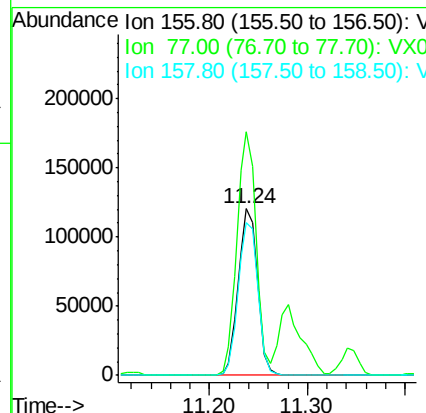
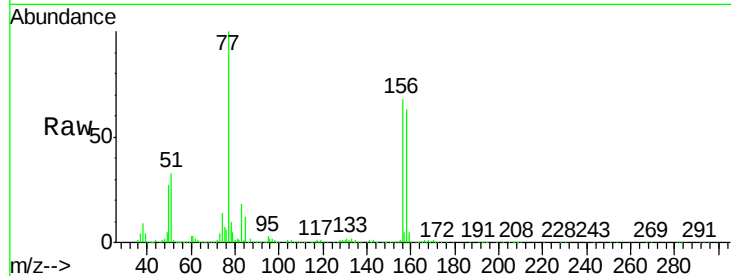
ClientSampleId :

VX0724WBSD02

Tgt Ion:	156	Resp:	164216
Ion Ratio	Lower	Upper	
156	100		
77	146.5	75.0	225.0
158	93.8	49.1	147.3

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#78

n-propylbenzene

Concen: 15.933 ug/l

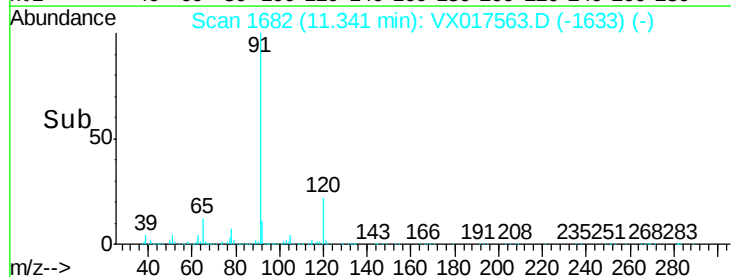
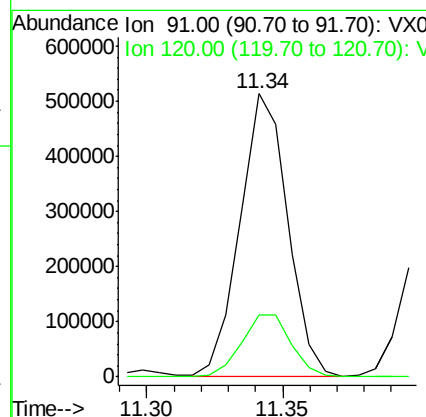
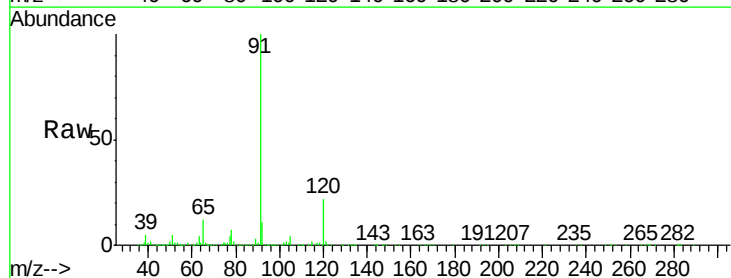
RT: 11.34 min Scan# 1682

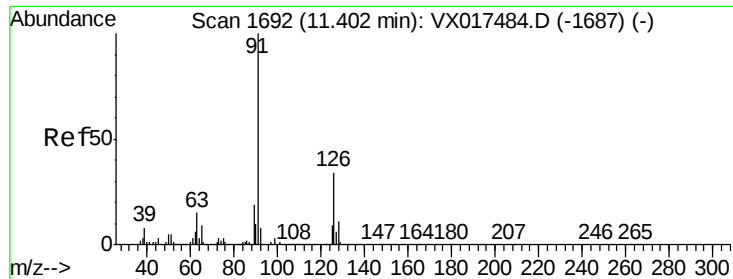
Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	91	Resp:	618757
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.2	36.4





#79

2-Chlorotoluene

Concen: 15.476 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion: 91 Resp: 372305

Ion Ratio Lower Upper

91 100

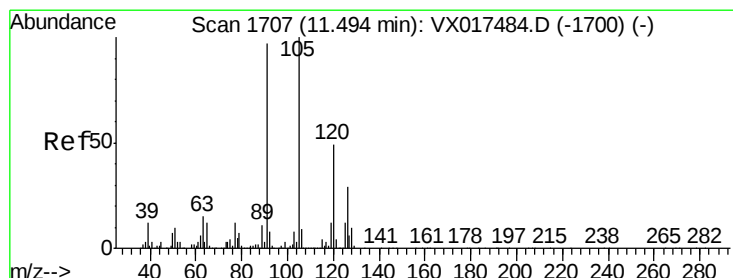
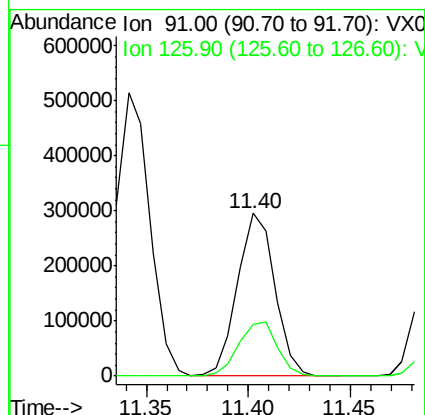
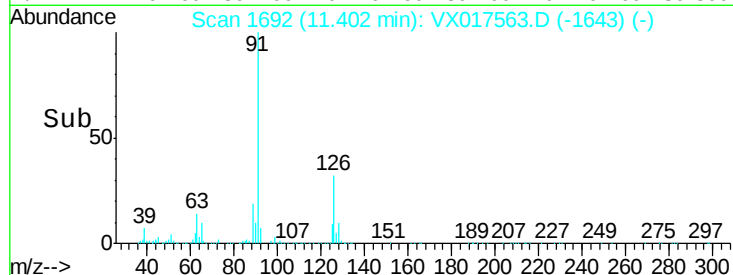
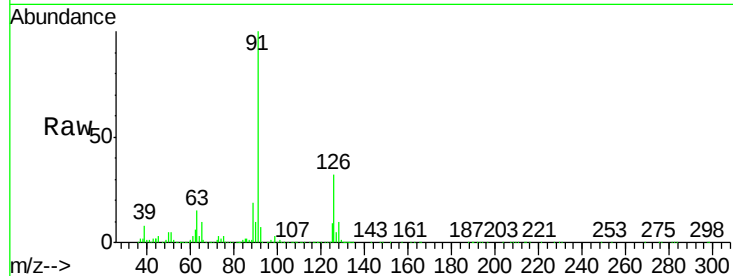
126 34.7 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 16.011 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017563.D

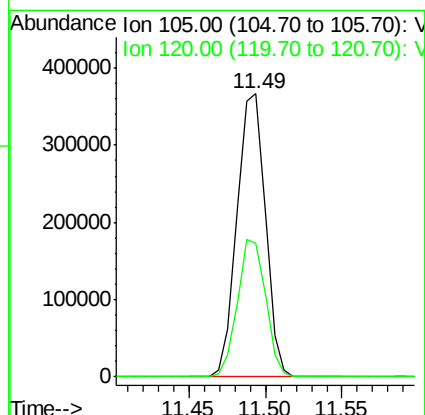
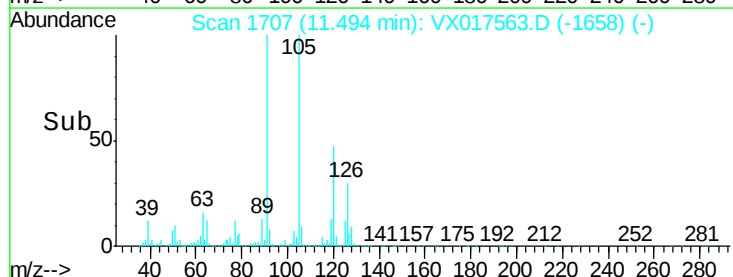
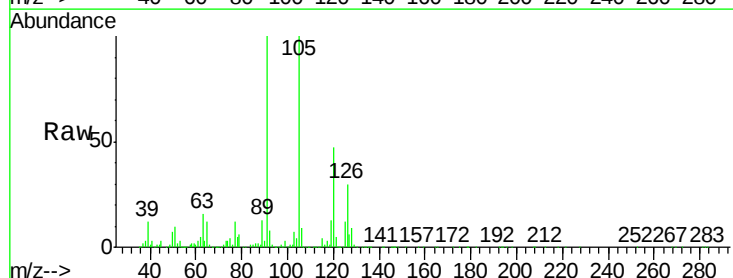
Acq: 25 Jul 2020 02:19

Tgt Ion: 105 Resp: 470731

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3





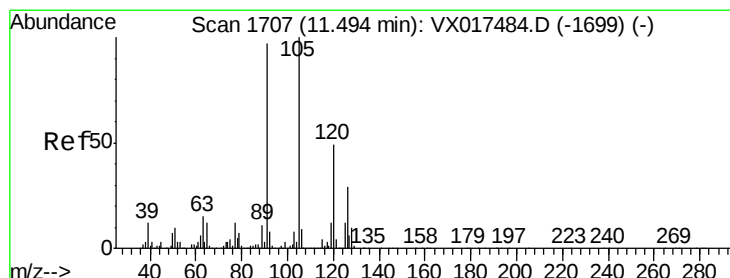
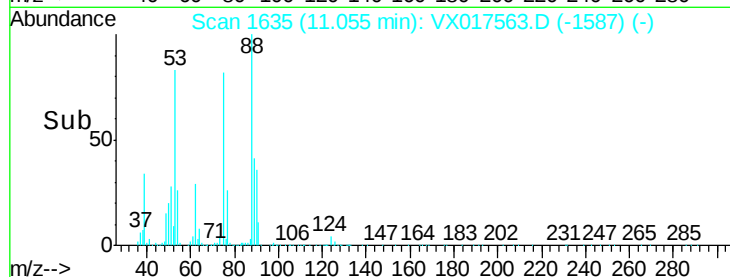
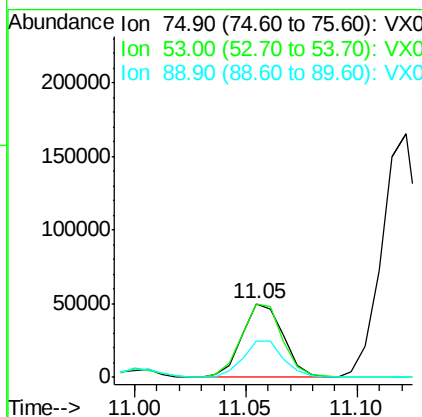
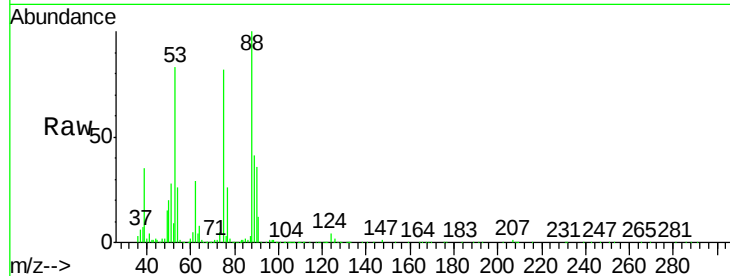
#81
trans-1,4-Dichloro-2-butene
Concen: 15.695 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.6	75.9	113.9
89	48.9	37.8	56.6

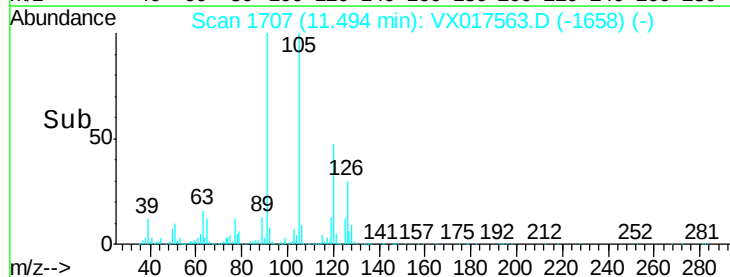
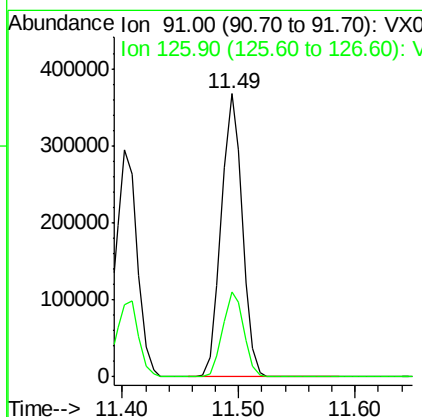
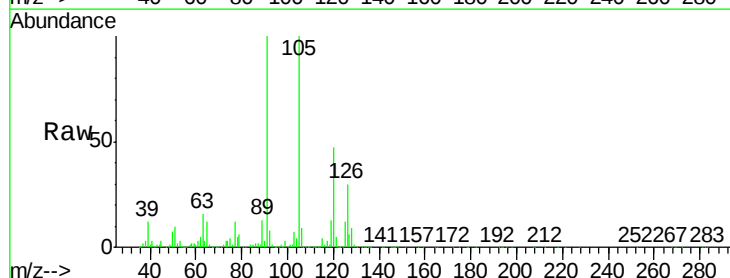
Manual Integrations
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#82
4-Chlorotoluene
Concen: 16.099 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6





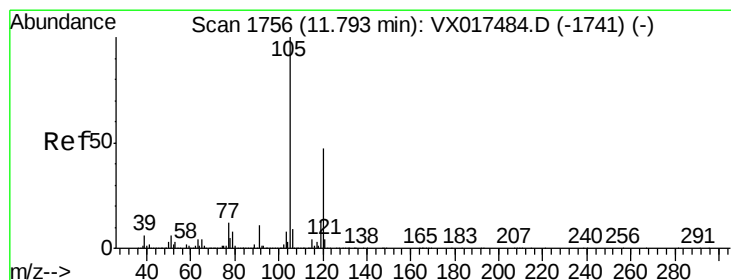
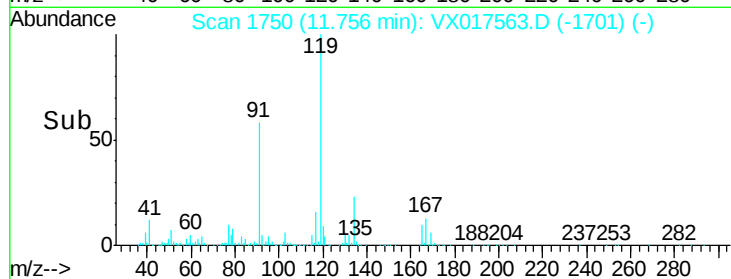
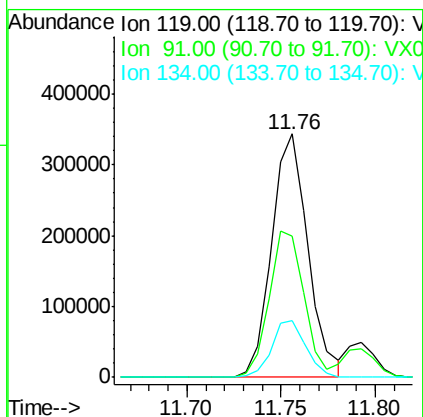
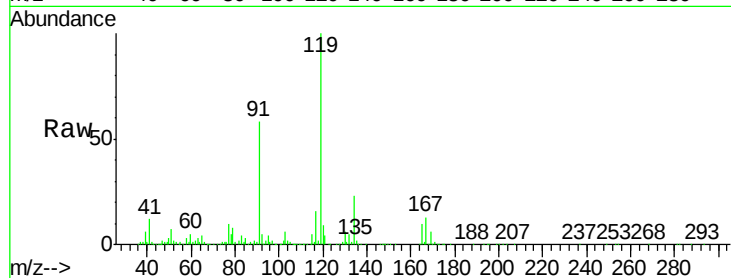
#83
 tert-Butylbenzene
 Concen: 16.264 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.3	88.0
134	22.0	11.2	33.6

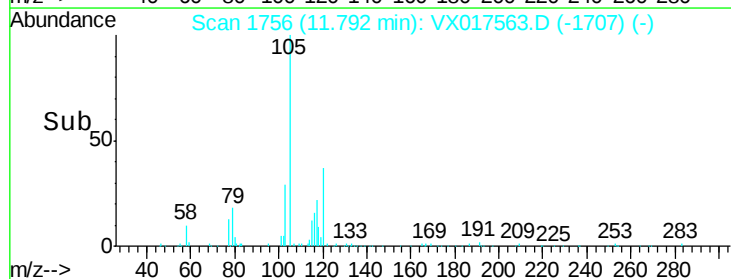
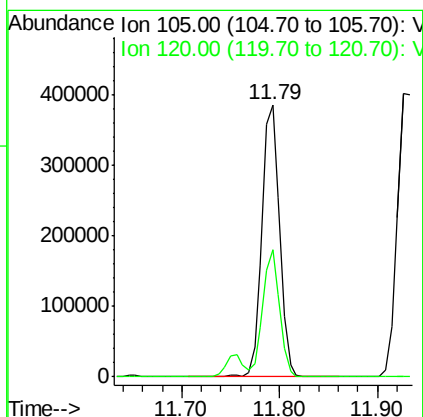
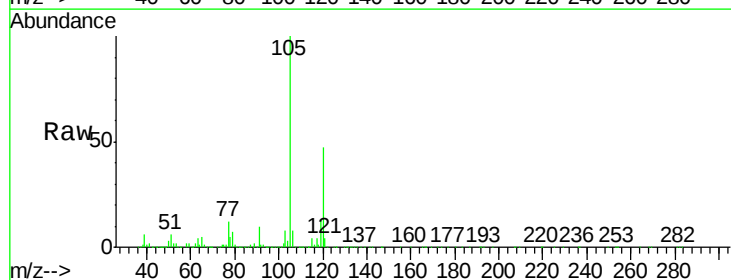
Manual Integrations
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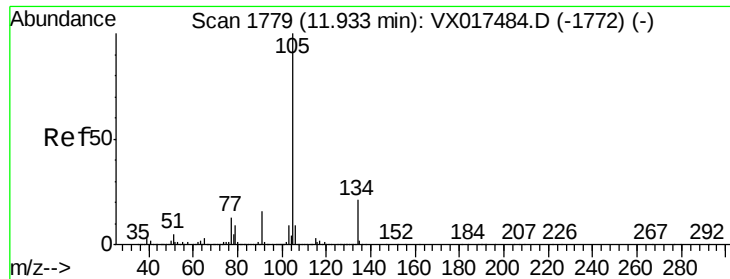
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#84
 1,2,4-Trimethylbenzene
 Concen: 16.594 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.7	68.0





#85

sec-Butylbenzene

Concen: 15.849 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD02

Tgt Ion:105 Resp: 519400

Ion Ratio Lower Upper

105 100

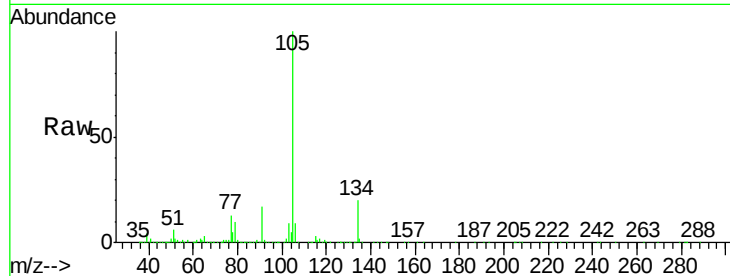
134 20.3 10.4 31.2

Manual Integrations

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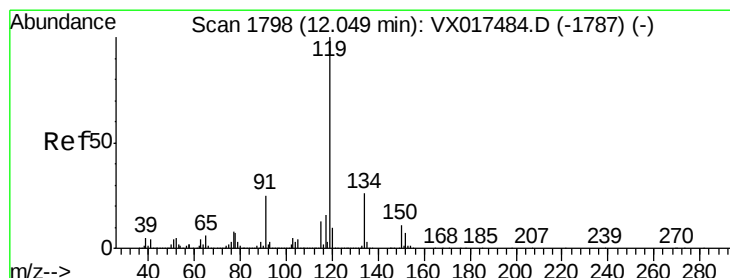
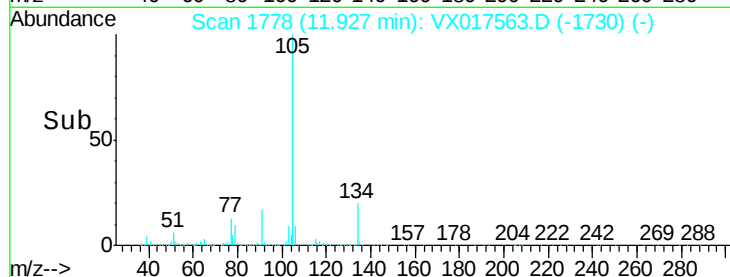
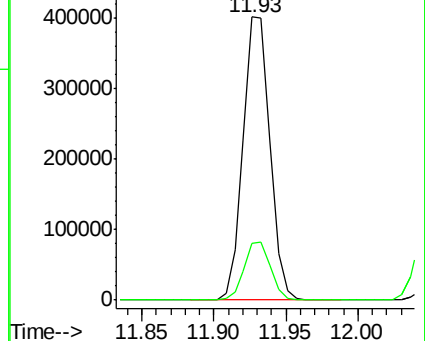
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.329 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

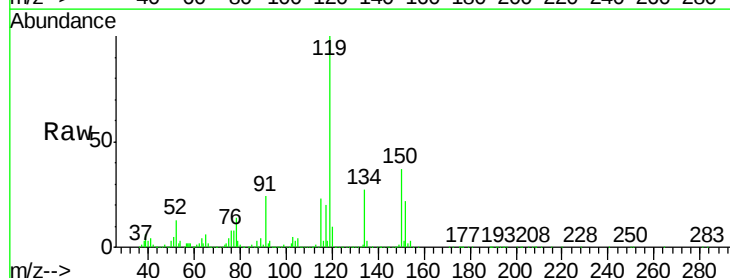
Tgt Ion:119 Resp: 478382

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

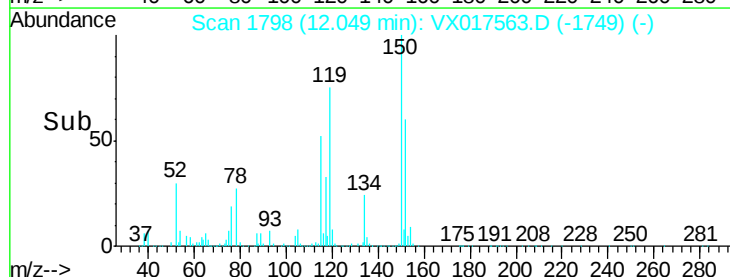
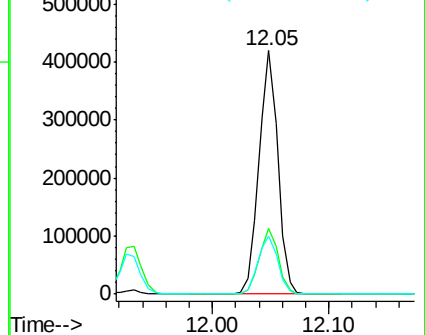
91 24.8 12.1 36.3

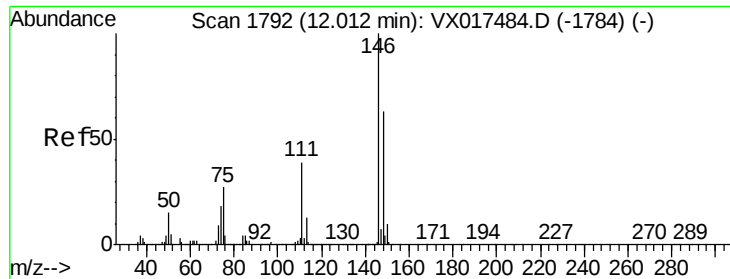


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





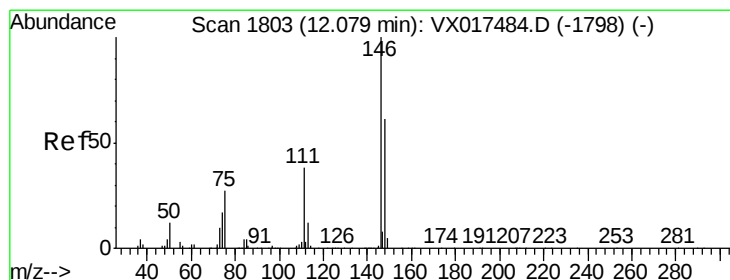
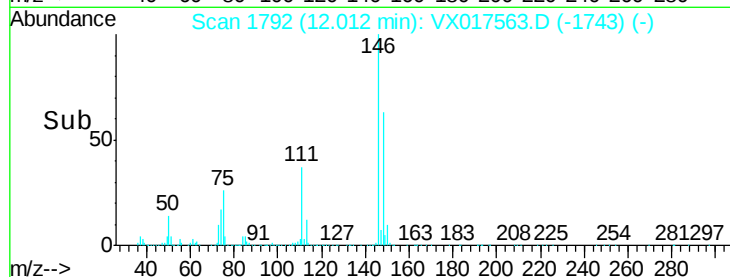
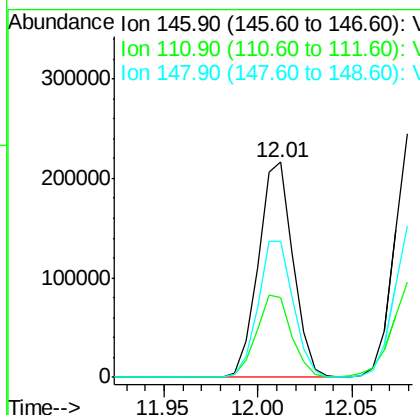
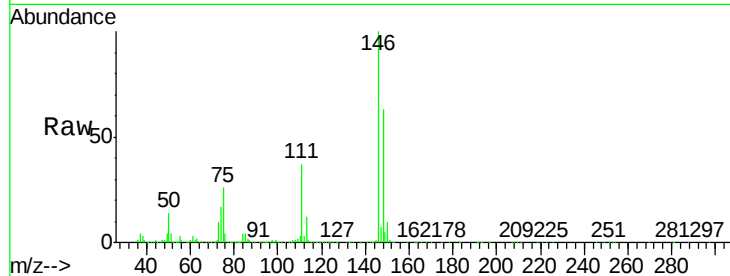
#87
 1,3-Dichlorobenzene
 Concen: 16.643 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.9	59.7
148	64.6	31.6	95.0

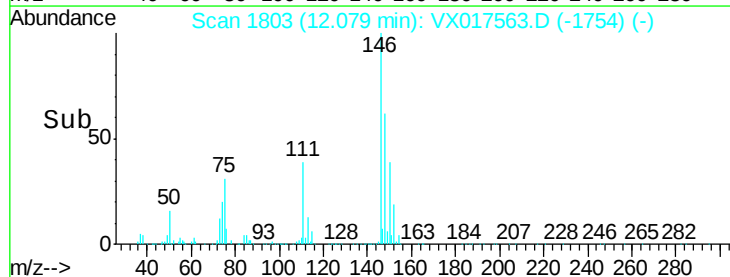
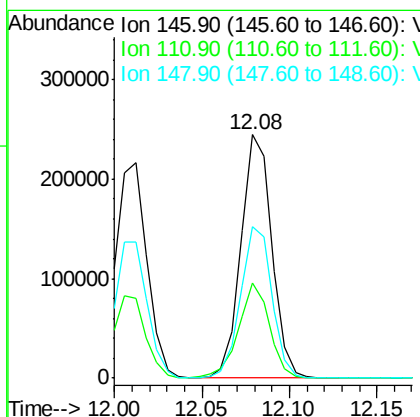
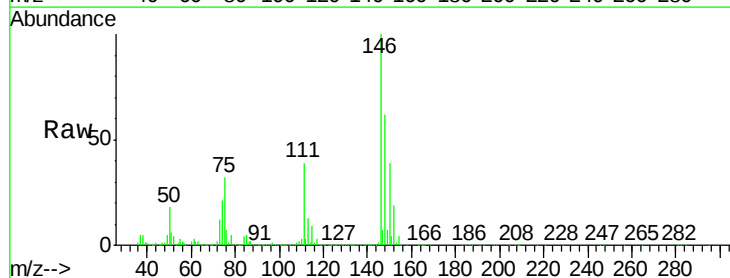
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#88
 1,4-Dichlorobenzene
 Concen: 17.478 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	63.6	32.2	96.6





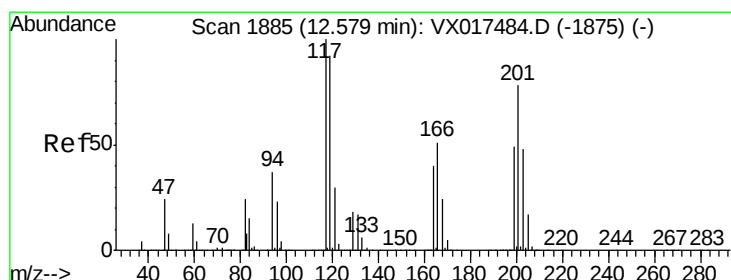
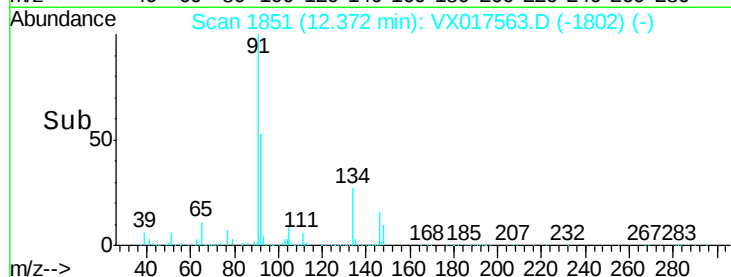
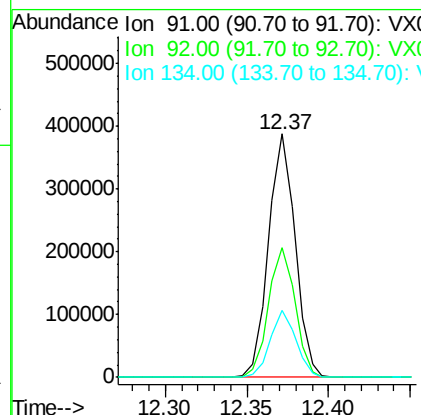
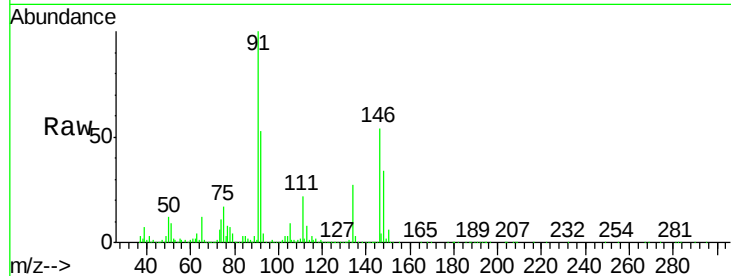
#89
n-Butylbenzene
Concen: 15.751 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	26.5	13.6	40.7

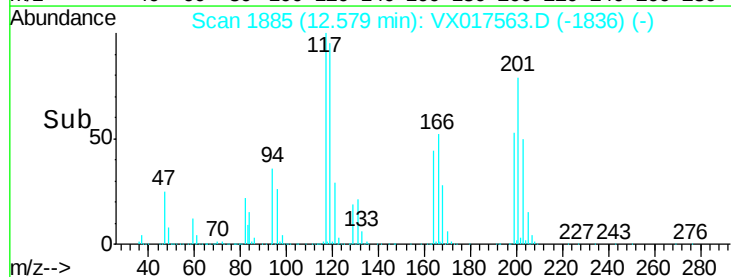
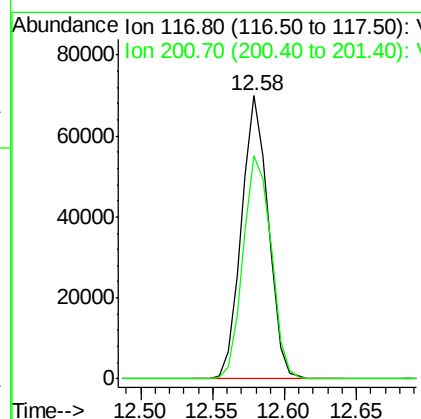
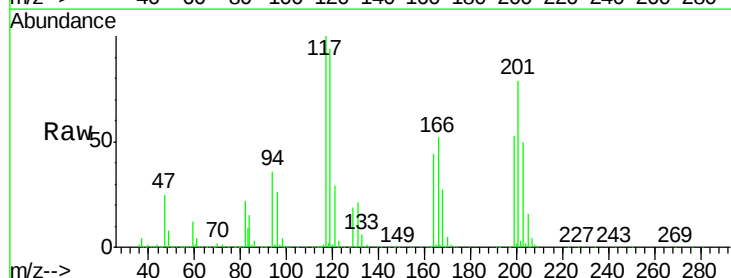
Manual Integrations
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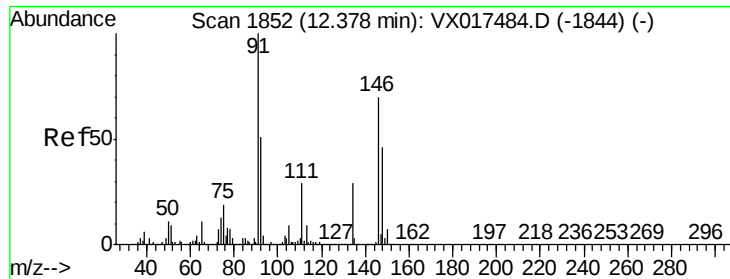
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#90
Hexachloroethane
Concen: 14.775 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017563.D
Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.9	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 17.226 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

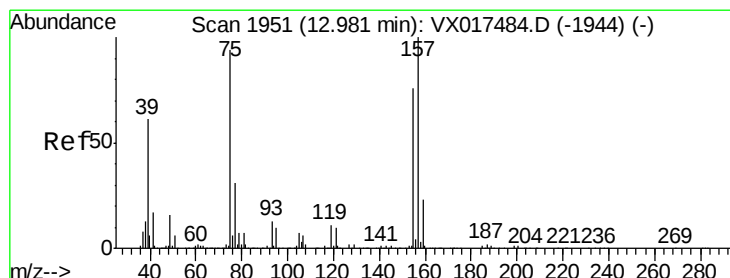
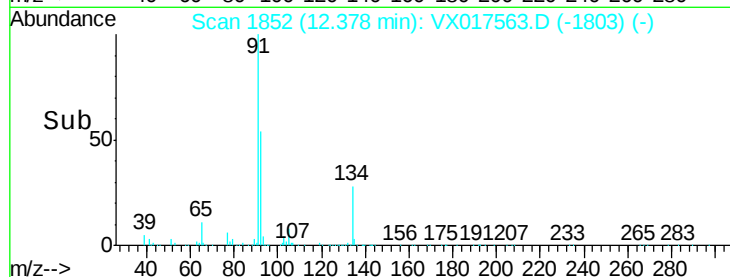
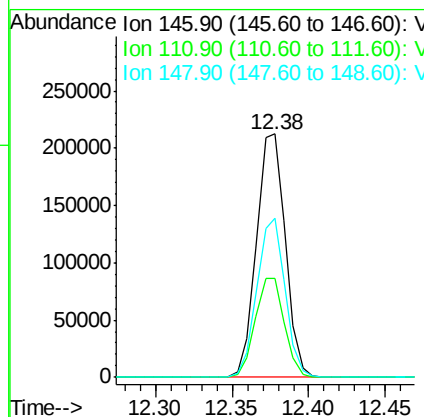
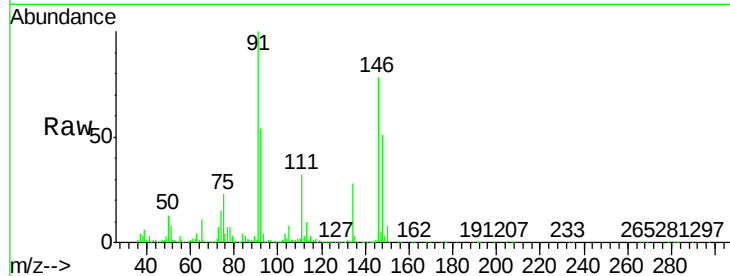
ClientSampleId :

VX0724WBSD02

Tgt Ion:	146	Resp:	280262
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.9	62.8
148	63.8	32.8	98.4

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.310 ug/l

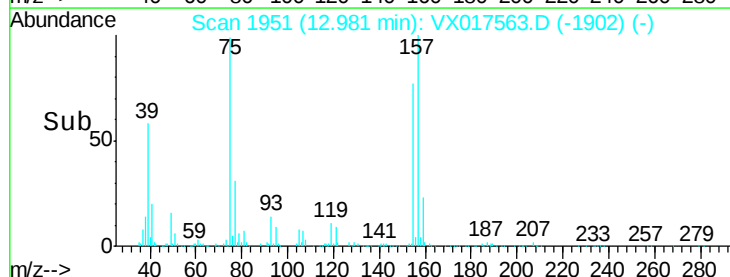
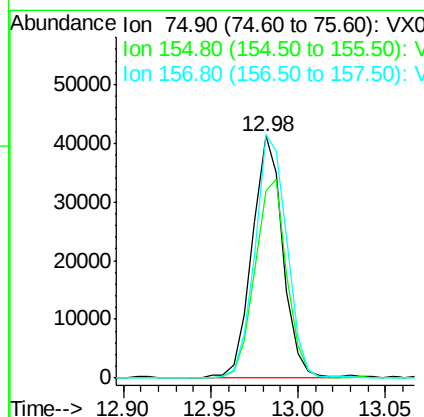
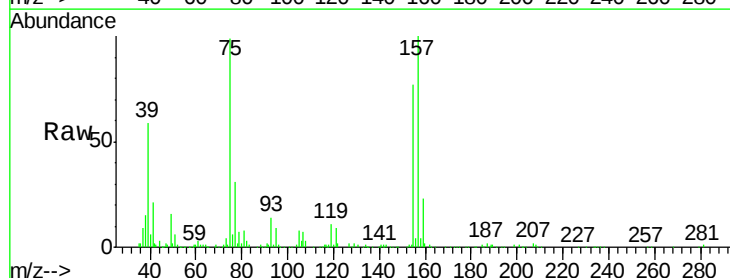
RT: 12.98 min Scan# 1951

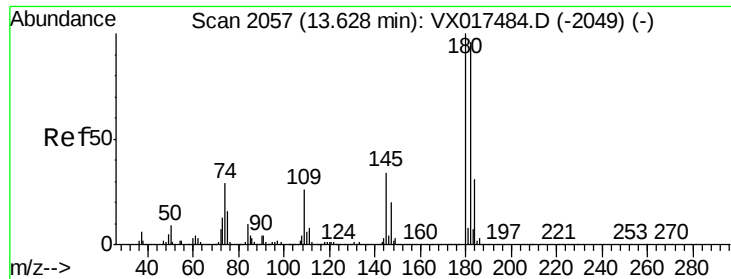
Delta R.T. 0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	75	Resp:	50420
Ion Ratio	Lower	Upper	
75	100		
155	84.8	42.3	126.8
157	104.2	54.3	162.9





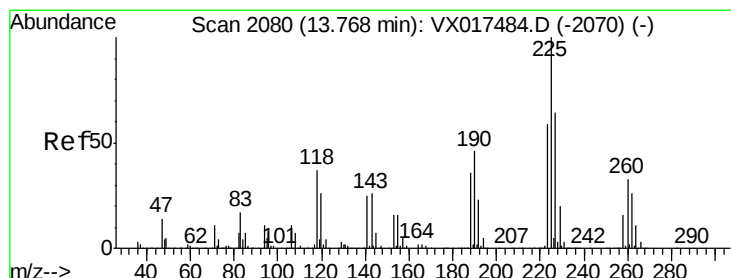
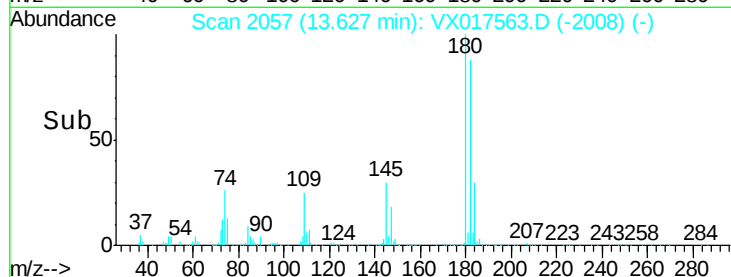
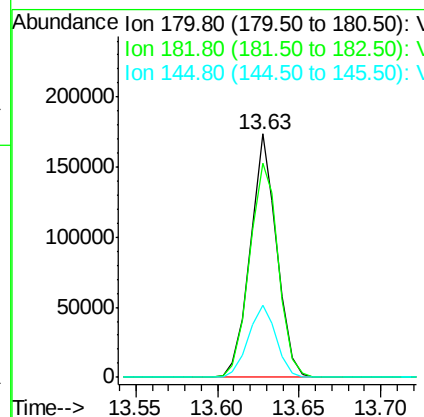
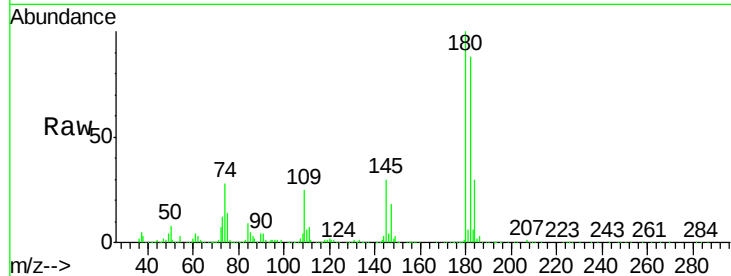
#93
 1,2,4-Trichlorobenzene
 Concen: 17.664 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196136		
182	95.8	47.5	142.6	
145	31.4	15.4	46.4	

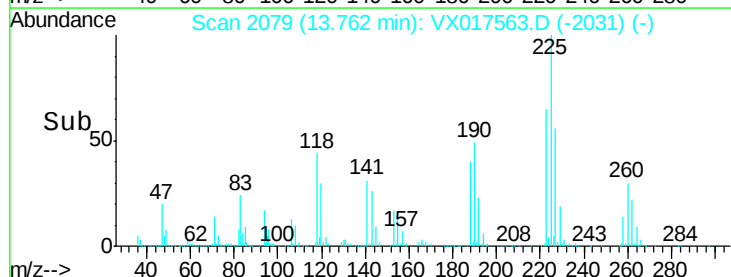
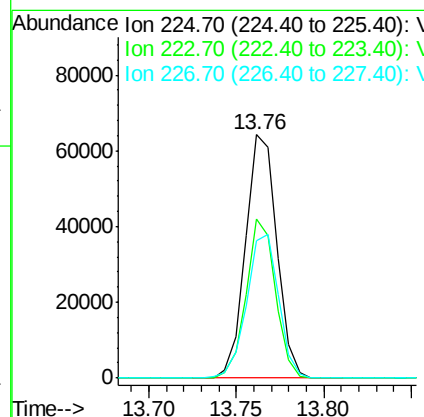
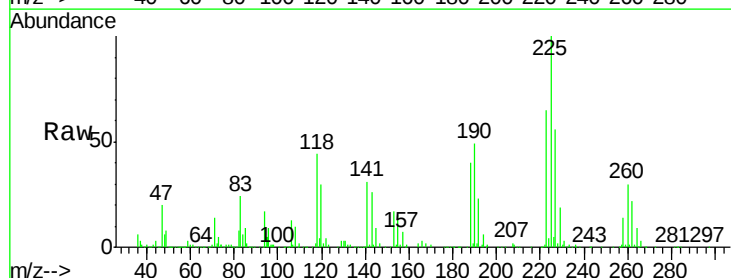
Manual Integrations
 APPROVED

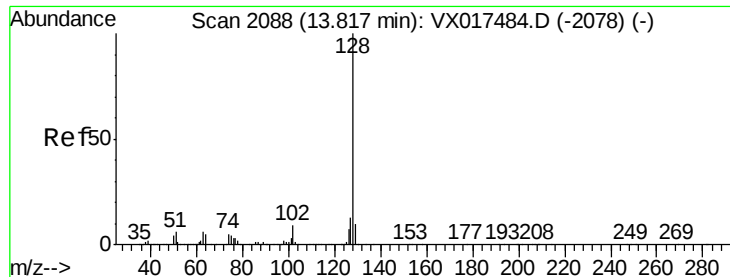
MMDadoda
 7/27/2020 11:03:04 AM



#94
 Hexachlorobutadiene
 Concen: 15.586 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017563.D
 Acq: 25 Jul 2020 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79666		
223	61.2	30.3	90.9	
227	60.5	31.1	93.2	





#95

Naphthalene

Concen: 19.435 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Instrument :

MSVOA_X

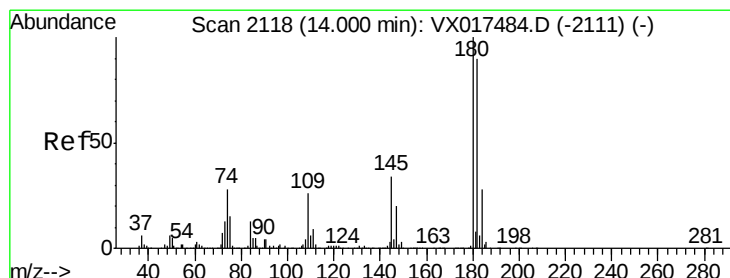
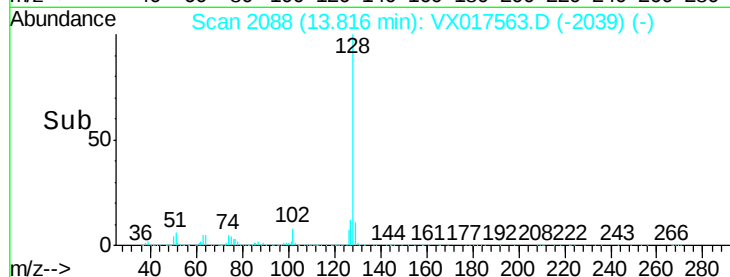
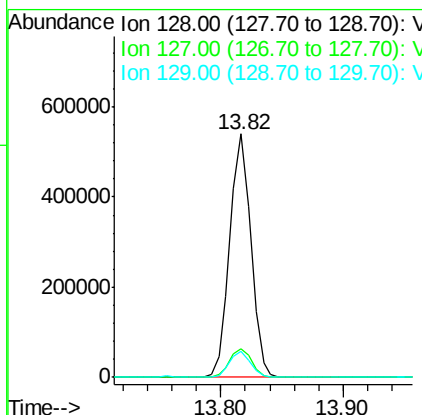
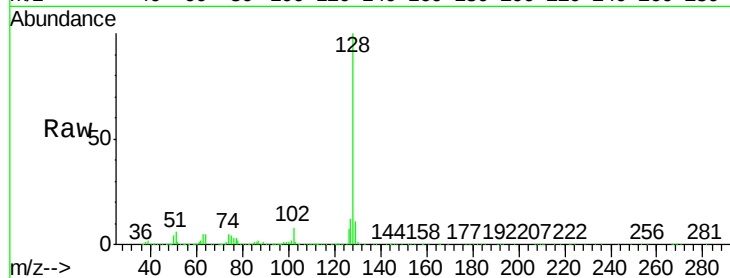
ClientSampleId :

VX0724WBSD02

Tgt Ion:	128	Resp:	644204
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/27/2020 11:03:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.414 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017563.D

Acq: 25 Jul 2020 02:19

Tgt Ion:	180	Resp:	190927
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.4	142.3
145	34.1	16.3	48.9

