

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018969.D
 Acq On : 19 Oct 2020 22:31
 Operator : JC/SP
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:48 PM

Quant Time: Oct 20 09:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	84962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	155998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	140007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	65840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	59922	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.46	113	48851	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.70	98	188470	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	63611	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	15560	20.380	ug/l	98
3) Chloromethane	1.31	50	17029	20.467	ug/l	98
4) Vinyl Chloride	1.39	62	24573	22.027	ug/l	94
5) Bromomethane	1.63	94	23643	25.432	ug/l	100
6) Chloroethane	1.71	64	18082	22.462	ug/l	97
7) Trichlorofluoromethane	1.92	101	40350	21.434	ug/l	99
8) Diethyl Ether	2.17	74	16625	22.283	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	20108	19.398	ug/l	96
10) Methyl Iodide	2.49	142	17336	17.765	ug/l	98
11) Tert butyl alcohol	3.01	59	27422	108.498	ug/l	100
12) 1,1-Dichloroethene	2.36	96	22906	20.701	ug/l	99
13) Acrolein	2.28	56	15586	93.683	ug/l	98
14) Allyl chloride	2.71	41	25787	19.312	ug/l	98
15) Acrylonitrile	3.12	53	48332	103.821	ug/l	98
16) Acetone	2.42	43	43193	99.909	ug/l	97
17) Carbon Disulfide	2.55	76	48208	19.178	ug/l	98
18) Methyl Acetate	2.75	43	22574	22.670	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	57453	20.163	ug/l	99
20) Methylene Chloride	2.83	84	20088	19.932	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	19889	19.619	ug/l	100
22) Diisopropyl ether	3.82	45	50968	20.638	ug/l #	86
23) Vinyl Acetate	3.79	43	250712	105.151	ug/l	100
24) 1,1-Dichloroethane	3.67	63	35150	20.765	ug/l	99
25) 2-Butanone	4.64	43	73351	106.947	ug/l	96
26) 2,2-Dichloropropane	4.55	77	28501	17.976	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	23128	19.665	ug/l	97
28) Bromochloromethane	4.98	49	15039	21.100	ug/l	97
29) Tetrahydrofuran	5.09	42	41706	103.485	ug/l	99
30) Chloroform	5.18	83	37357	20.405	ug/l	95
31) Cyclohexane	5.55	56	27238	20.357	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	33623	20.333	ug/l	98
36) 1,1-Dichloropropene	5.77	75	28005	18.883	ug/l	100
37) Ethyl Acetate	4.79	43	28248	19.278	ug/l	99
38) Carbon Tetrachloride	5.76	117	28490	18.626	ug/l	96

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Manual Integrations
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Quant Time: Oct 20 09:45:41 2020
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 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	29478	18.491	ug/l	96
40) Benzene	6.11	78	84450	19.785	ug/l	100
41) Methacrylonitrile	5.01	41	14854	19.592	ug/l	98
42) 1,2-Dichloroethane	6.16	62	30147	20.594	ug/l	99
43) Isopropyl Acetate	6.42	43	47413	20.080	ug/l	99
44) Trichloroethene	7.19	130	21826	18.510	ug/l	100
45) 1,2-Dichloropropane	7.49	63	21238	20.117	ug/l	99
46) Dibromomethane	7.63	93	14626	19.371	ug/l	100
47) Bromodichloromethane	7.87	83	29907	19.603	ug/l	99
48) Methyl methacrylate	7.74	41	21935	20.035	ug/l	98
49) 1,4-Dioxane	7.71	88	9754	388.810	ug/l #	93
51) 4-Methyl-2-Pentanone	8.62	43	142707	104.013	ug/l	98
52) Toluene	8.76	92	53292	19.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	32442	18.715	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	35020	19.143	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	21372	19.739	ug/l	96
56) Ethyl methacrylate	9.16	69	33156	19.948	ug/l	97
57) 1,3-Dichloropropane	9.35	76	36299	19.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	86972	94.787	ug/l	100
59) 2-Hexanone	9.47	43	107275	102.854	ug/l	98
60) Dibromochloromethane	9.56	129	22570	18.833	ug/l	97
61) 1,2-Dibromoethane	9.65	107	22765	19.407	ug/l	99
64) Tetrachloroethene	9.32	164	18347	18.547	ug/l	97
65) Chlorobenzene	10.12	112	55208	18.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	19867	18.484	ug/l	97
67) Ethyl Benzene	10.23	91	97992	19.266	ug/l	99
68) m/p-Xylenes	10.34	106	74524	37.804	ug/l	97
69) o-Xylene	10.68	106	35522	18.675	ug/l	93
70) Styrene	10.70	104	60563	18.932	ug/l	98
71) Bromoform	10.84	173	14500	17.057	ug/l #	95
73) Isopropylbenzene	11.00	105	94951	19.903	ug/l	96
74) N-amyl acetate	10.88	43	36363	20.306	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	31277	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	29080m	20.322	ug/l	
77) Bromobenzene	11.24	156	21712	18.781	ug/l	91
78) n-propylbenzene	11.34	91	108267	19.851	ug/l	98
79) 2-Chlorotoluene	11.40	91	62528	19.642	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	78765	19.782	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	10567	18.601	ug/l	93
82) 4-Chlorotoluene	11.49	91	74587	19.496	ug/l	98
83) tert-Butylbenzene	11.76	119	77208	19.428	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	78085	19.630	ug/l	99
85) sec-Butylbenzene	11.93	105	89950	19.248	ug/l	99
86) p-Isopropyltoluene	12.05	119	82699	19.350	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	40141	18.501	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	40320	17.876	ug/l	96
89) n-Butylbenzene	12.37	91	74848	19.215	ug/l	97
90) Hexachloroethane	12.58	117	12941	18.553	ug/l	92
91) 1,2-Dichlorobenzene	12.37	146	39058	18.724	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	7545	21.351	ug/l	83

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ClientSampleId :
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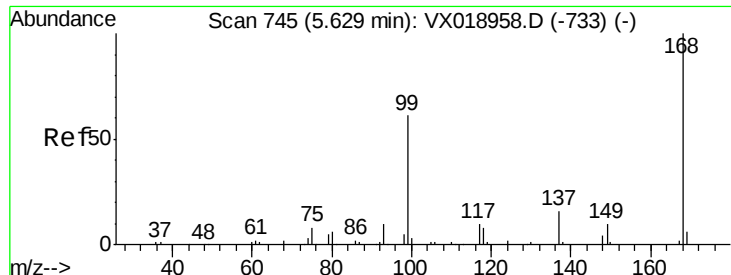
Manual Integrations
APPROVED

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10/20/2020 4:52:48 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 18:41:11 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	24376	16.871	ug/l	93
94) Hexachlorobutadiene	13.76	225	10545	17.549	ug/l	97
95) Naphthalene	13.82	128	94207	19.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	24664	17.636	ug/l	96

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



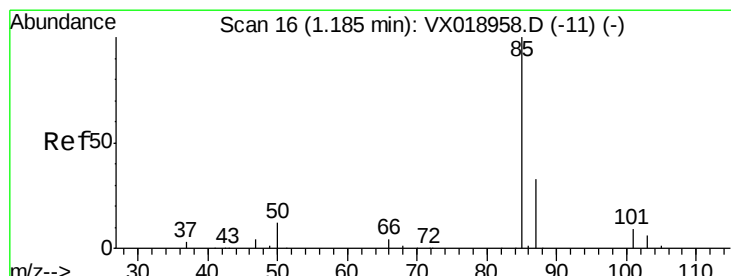
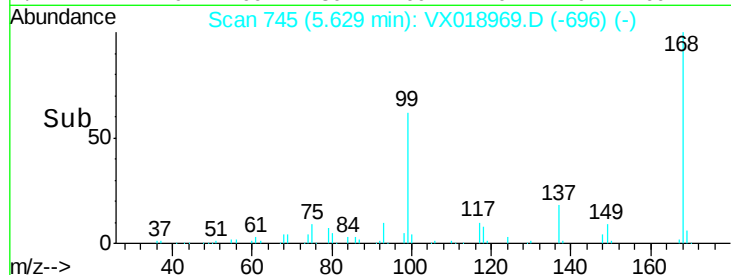
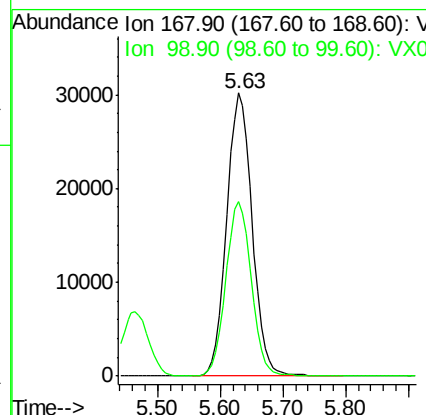
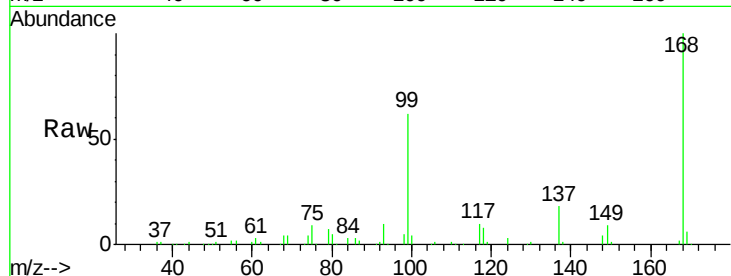
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion:168 Resp: 84962
Ion Ratio Lower Upper
168 100
99 61.8 48.5 72.7

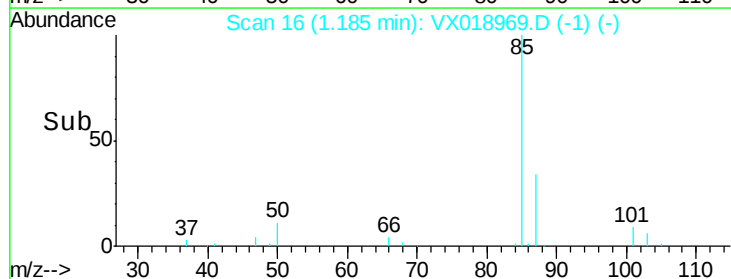
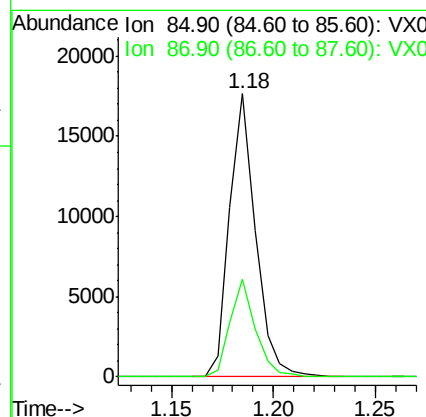
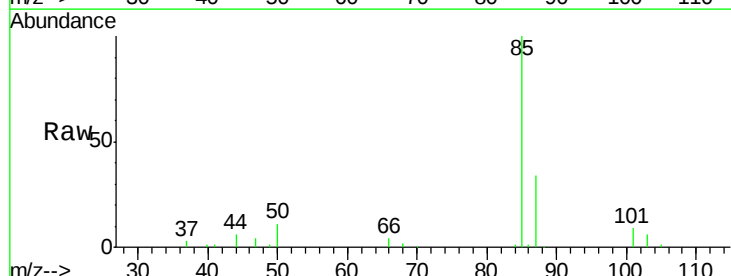
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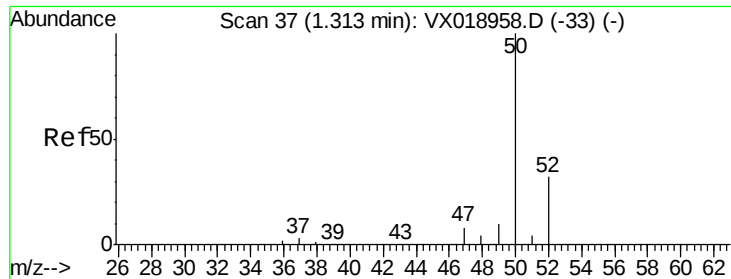
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#2
Dichlorodifluoromethane
Concen: 20.380 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion: 85 Resp: 15560
Ion Ratio Lower Upper
85 100
87 34.4 16.5 49.5





#3

Chloromethane

Concen: 20.467 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 50 Resp: 17029

Ion Ratio Lower Upper

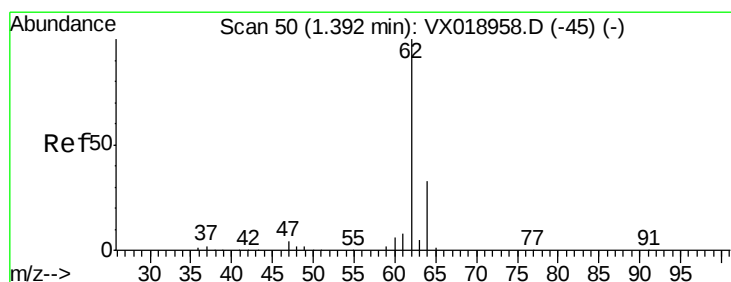
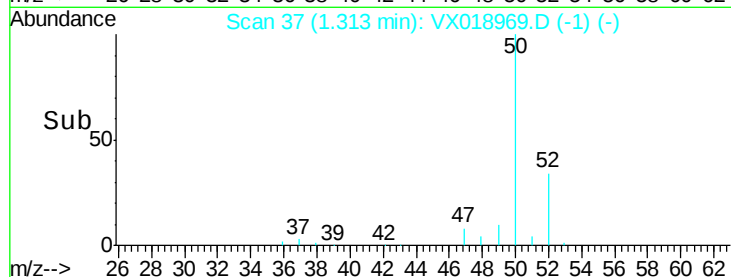
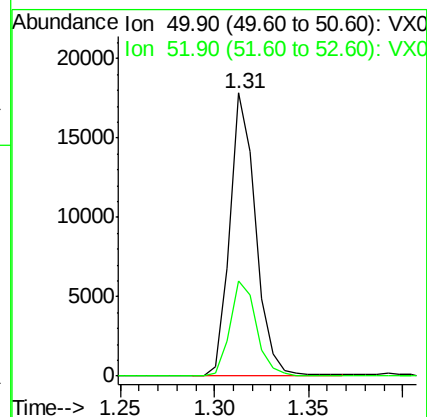
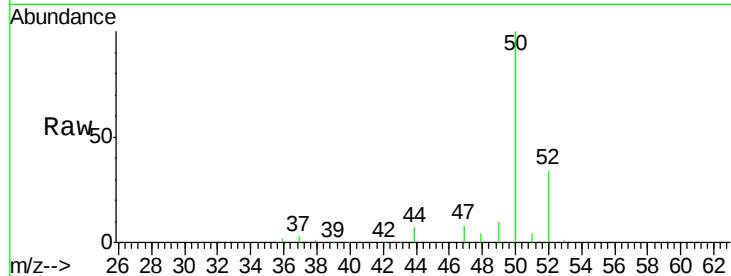
50 100

52 33.8 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 22.027 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018969.D

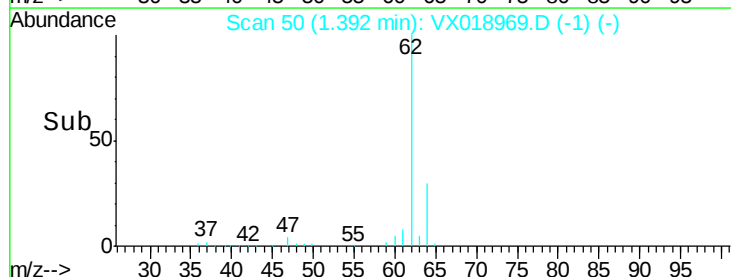
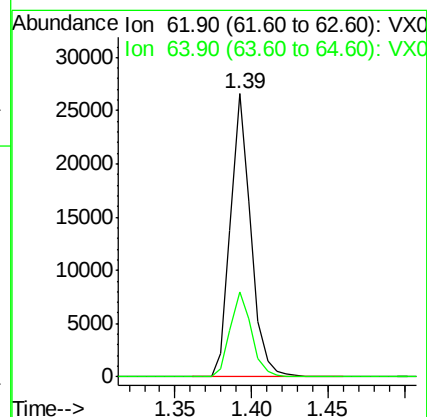
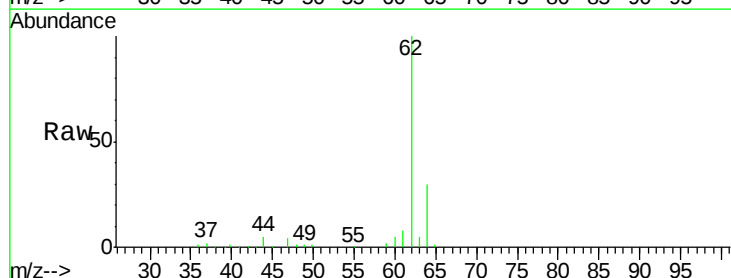
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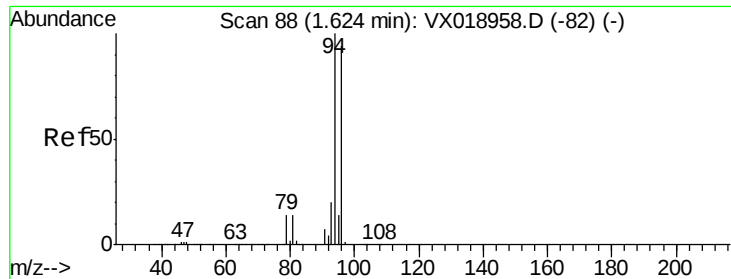
Tgt Ion: 62 Resp: 24573

Ion Ratio Lower Upper

62 100

64 29.8 26.7 40.1





#5

Bromomethane

Concen: 25.432 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 94 Resp: 23643

Ion Ratio Lower Upper

94 100

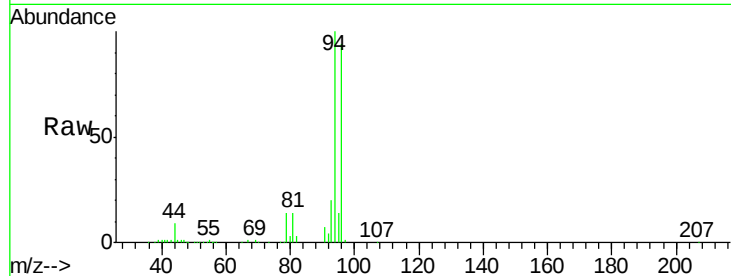
96 94.1 75.2 112.8

Manual Integrations

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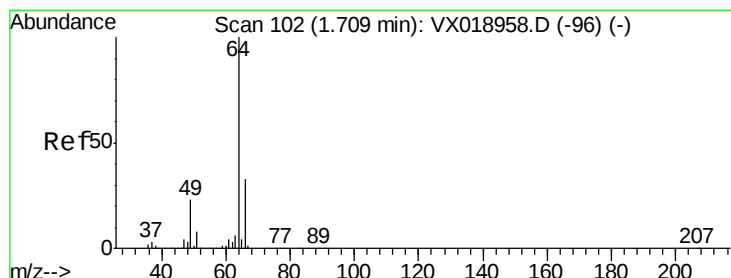
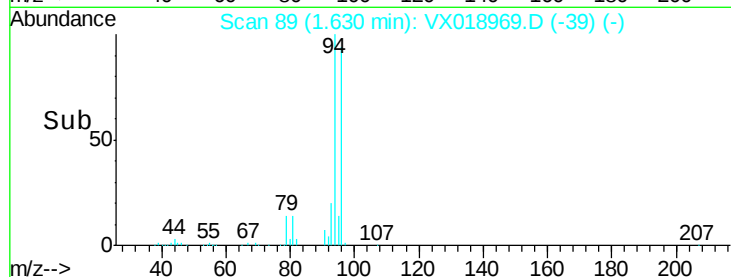
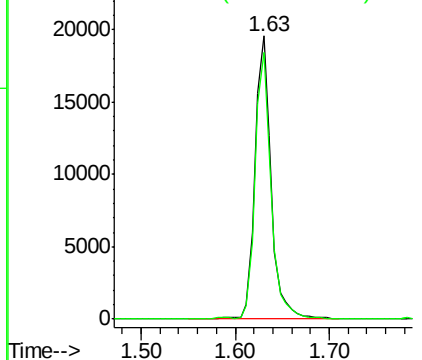
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.462 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018969.D

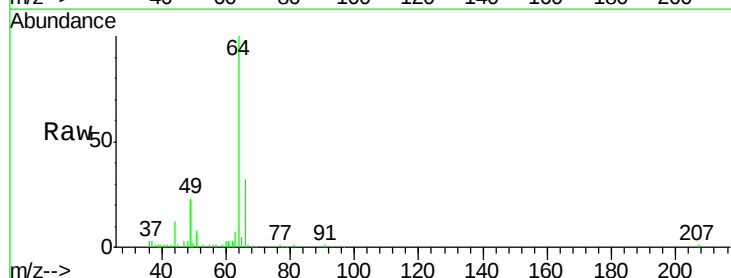
Acq: 19 Oct 2020 22:31

Tgt Ion: 64 Resp: 18082

Ion Ratio Lower Upper

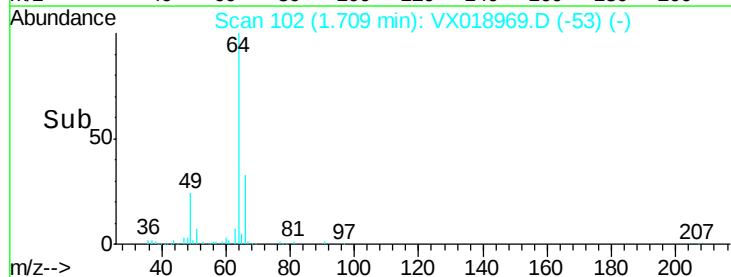
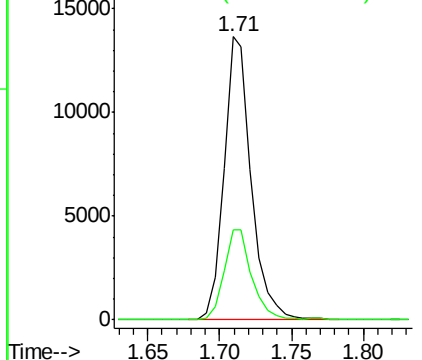
64 100

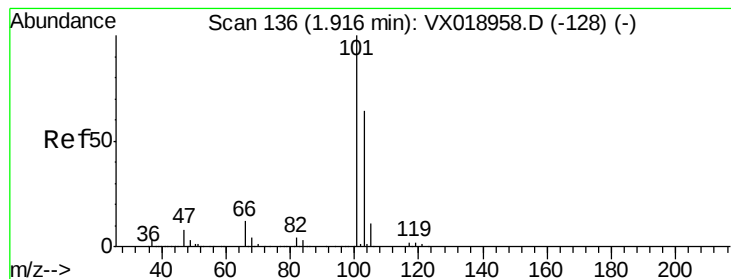
66 31.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

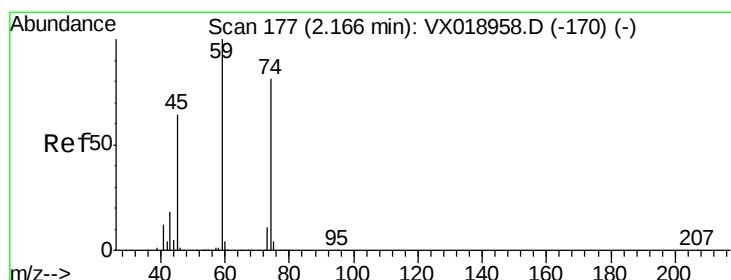
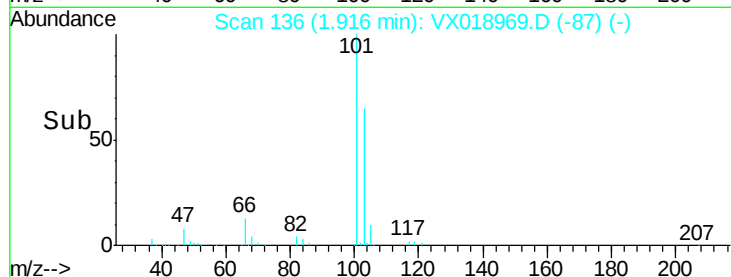
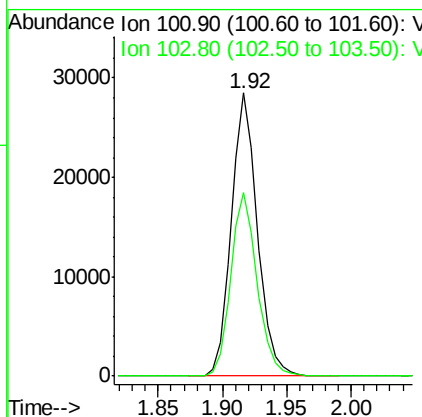
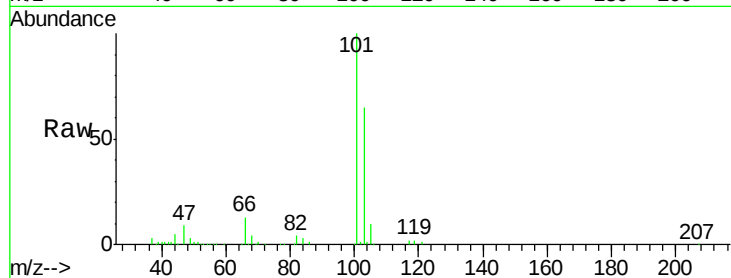
Trichlorofluoromethane
Concen: 21.434 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

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ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.3	76.9

Manual Integrations
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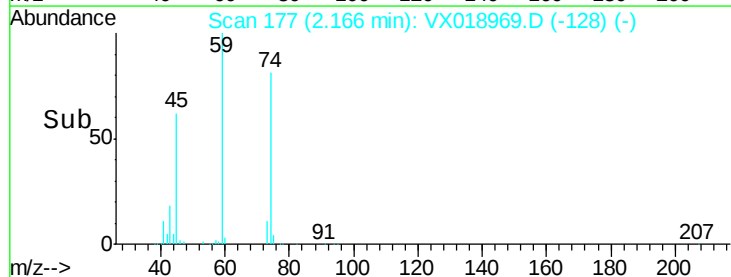
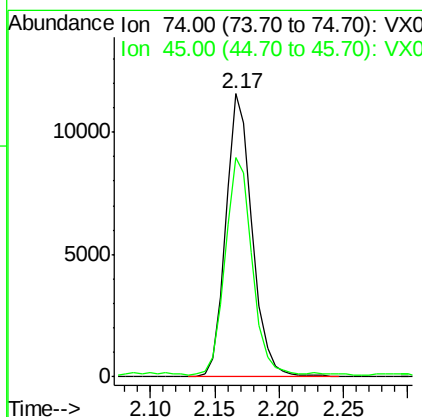
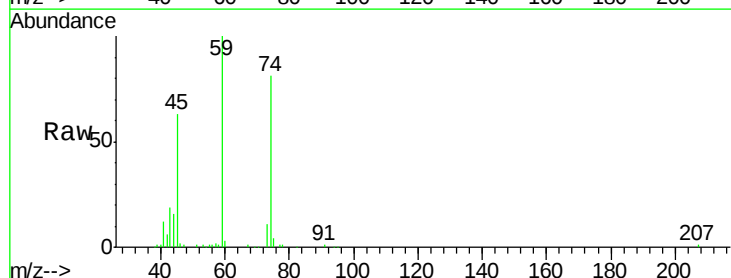
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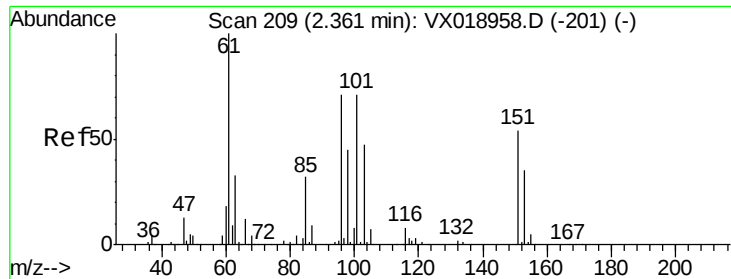


#8

Diethyl Ether
Concen: 22.283 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.7	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.398 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

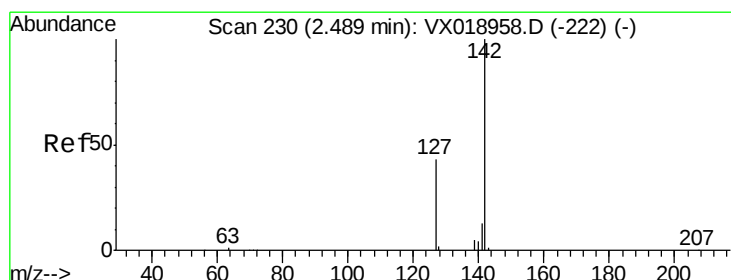
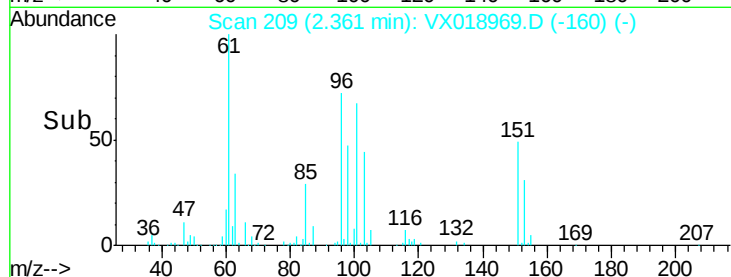
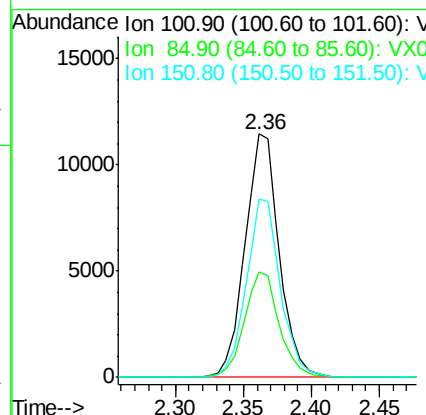
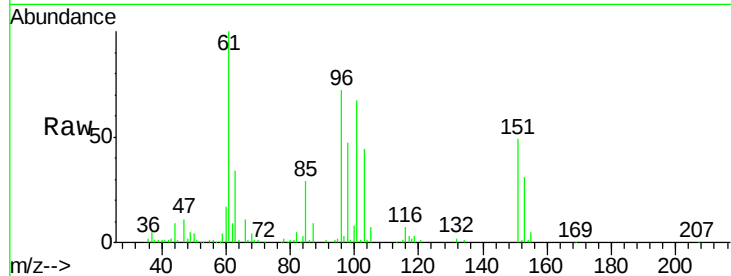
ClientSampleId :

VX1019WBS01

Tot Ion:	101	Resp:	20108
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.1	52.7
151	72.8	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.765 ug/l

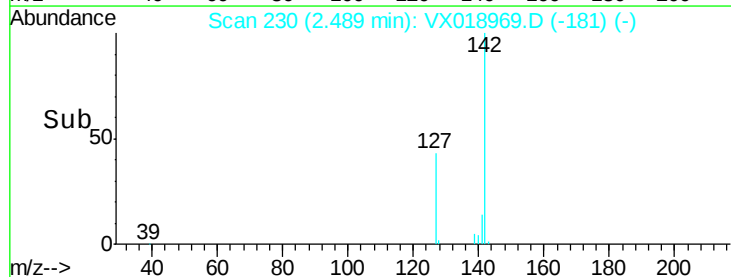
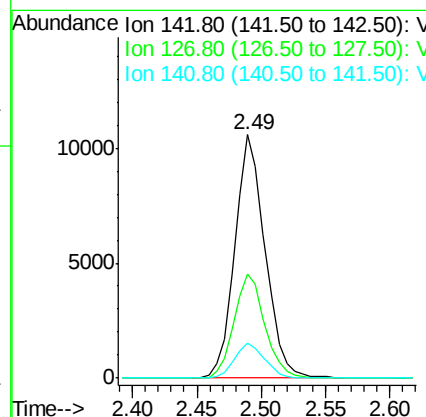
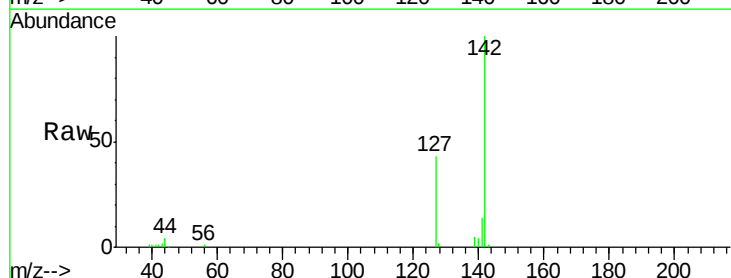
RT: 2.49 min Scan# 230

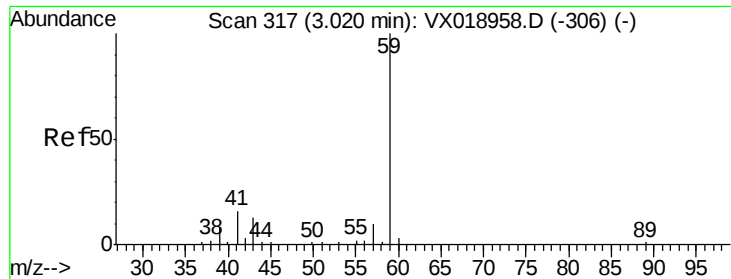
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	142	Resp:	17336
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.9	53.9
141	14.3	11.6	17.4





#11

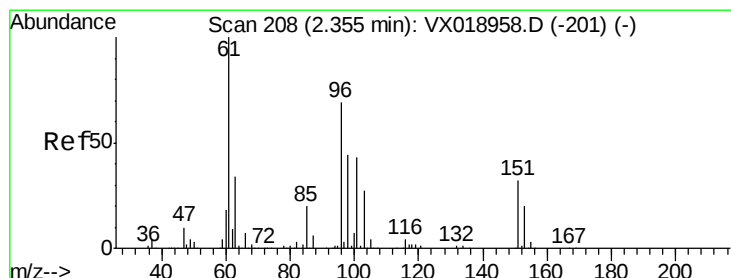
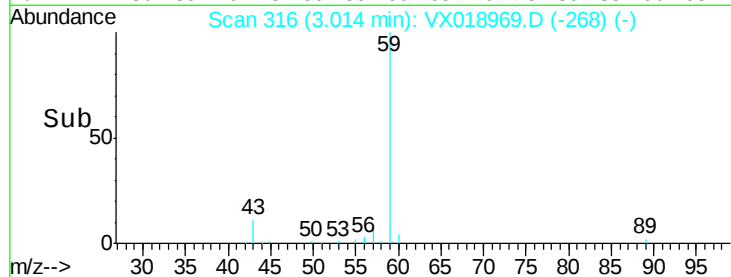
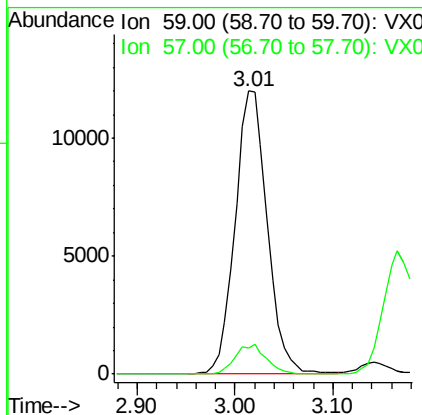
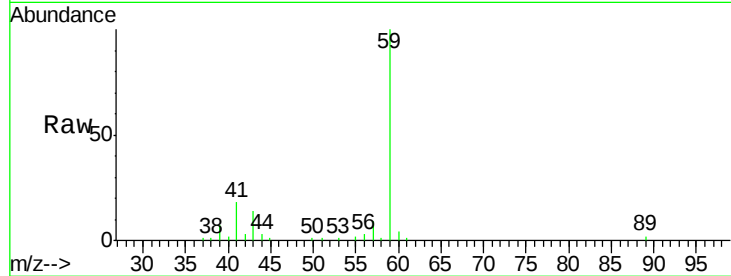
Tert butyl alcohol
 Concen: 108.498 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX1019WBS01

Tot Ion	59	57	Ratio	100	10.1	Resp:	27422	Lower	8.1	Upper	12.1
Ion	59	57	Ratio	100	10.1	Resp:	27422	Lower	8.1	Upper	12.1

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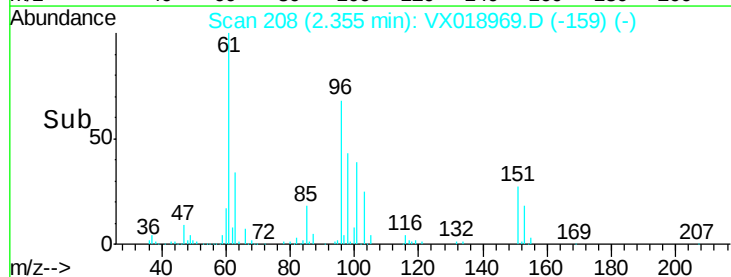
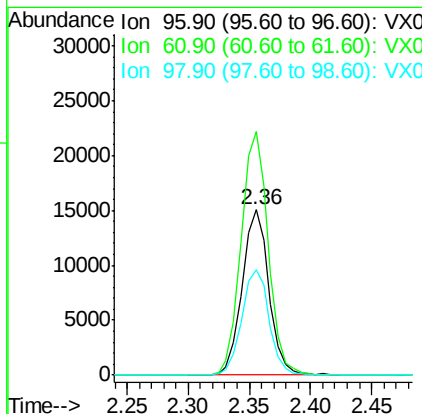
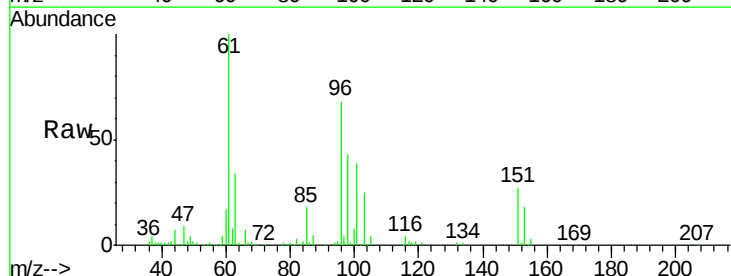
MMDadoda
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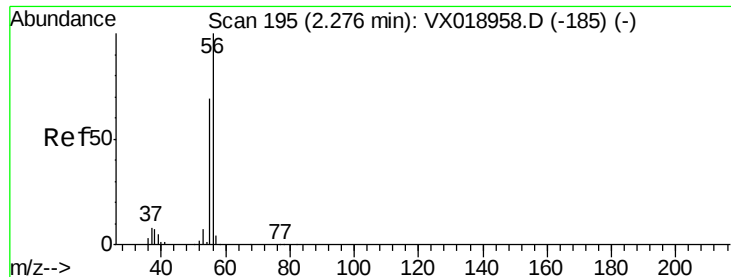


#12

1,1-Dichloroethene
 Concen: 20.701 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	96	61	98	Ratio	100	147.2	63.9	Resp:	22906	Lower	116.2	50.9	Upper	174.2	76.3
Ion	96	61	98	Ratio	100	147.2	63.9	Resp:	22906	Lower	116.2	50.9	Upper	174.2	76.3





#13

Acrolein

Concen: 93.683 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampled :

VX1019WBS01

Tot Ion: 56 Resp: 15586

Ion Ratio Lower Upper

56 100

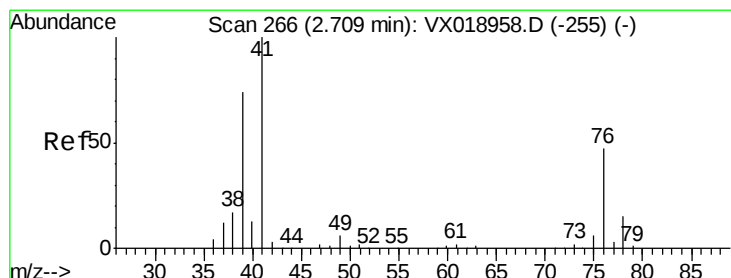
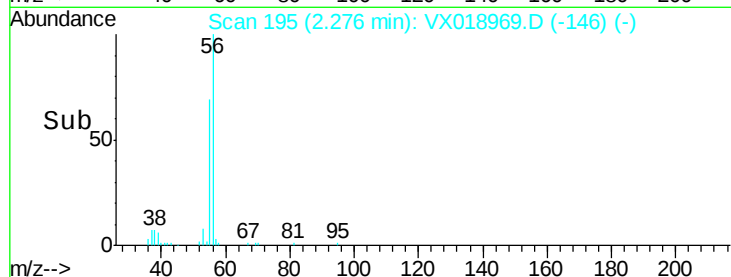
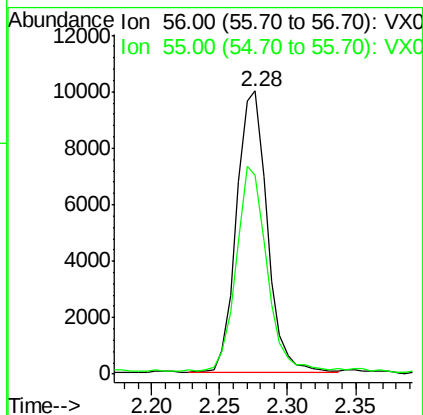
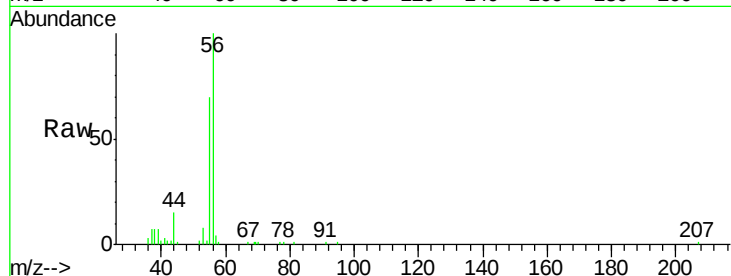
55 71.8 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.312 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

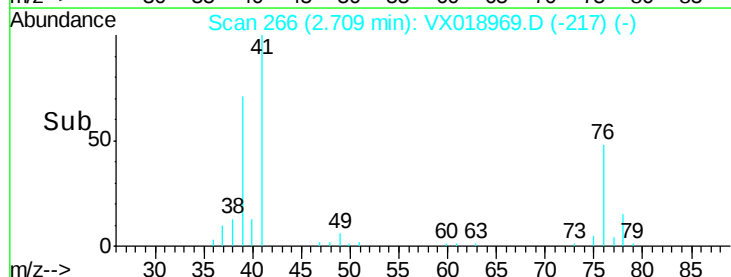
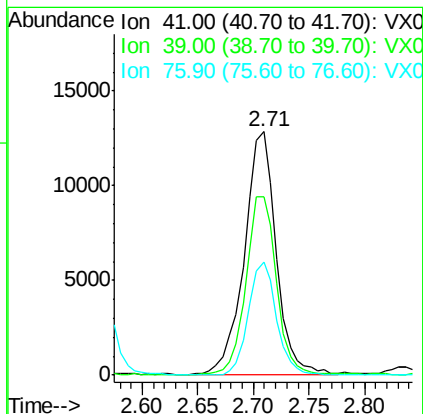
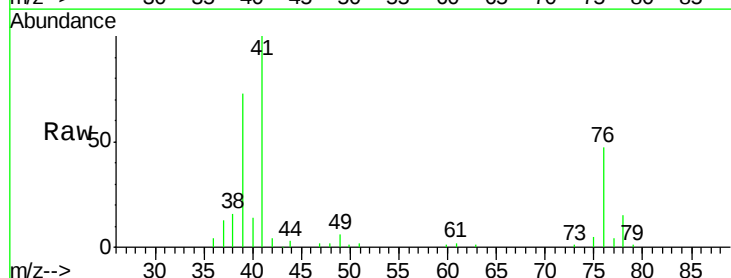
Tgt Ion: 41 Resp: 25787

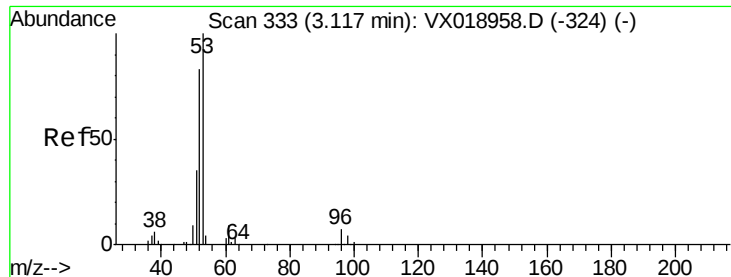
Ion Ratio Lower Upper

41 100

39 70.6 55.4 83.2

76 40.9 34.1 51.1





#15

Acrylonitrile

Concen: 103.821 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

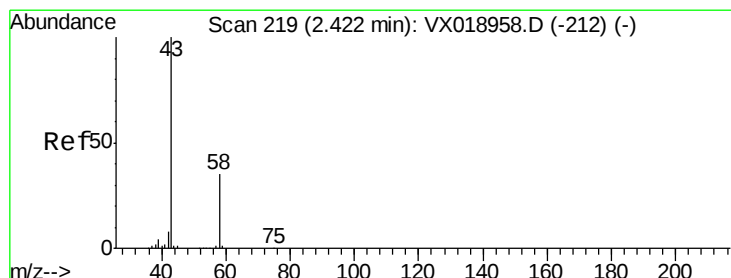
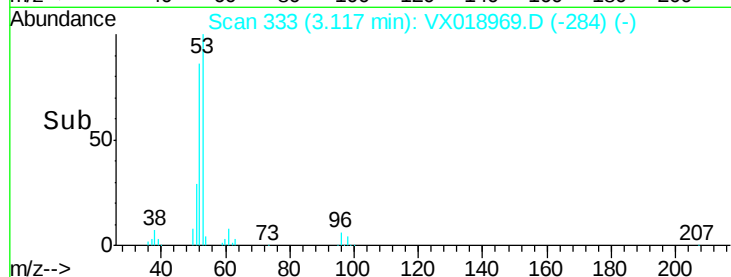
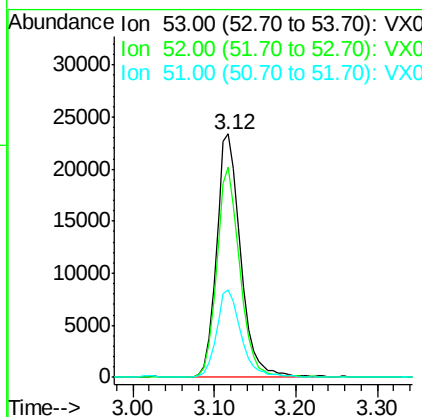
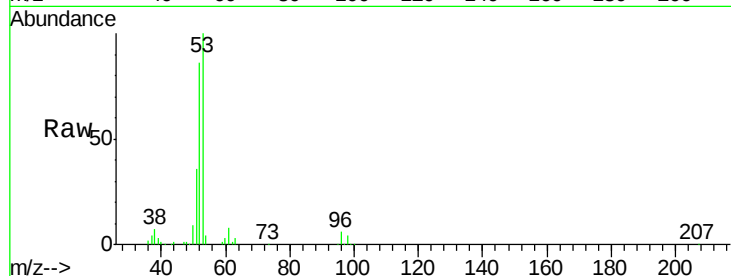
ClientSampleId :

VX1019WBS01

Tot Ion:	53	Resp:	48332
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	36.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 99.909 ug/l

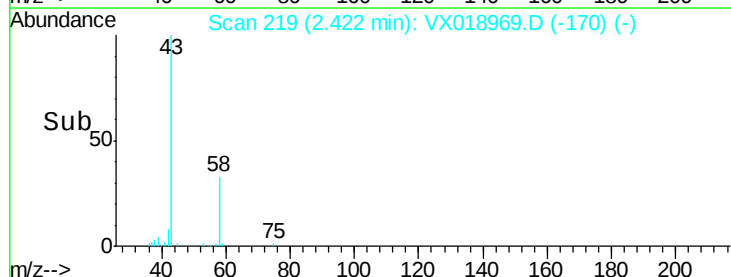
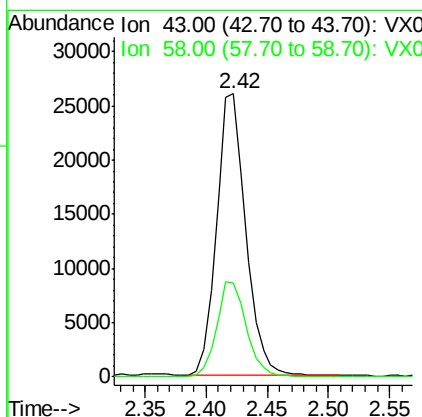
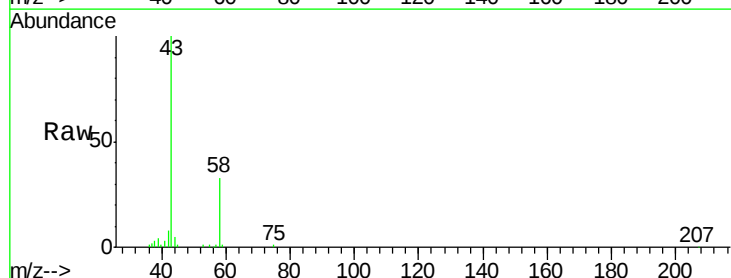
RT: 2.42 min Scan# 219

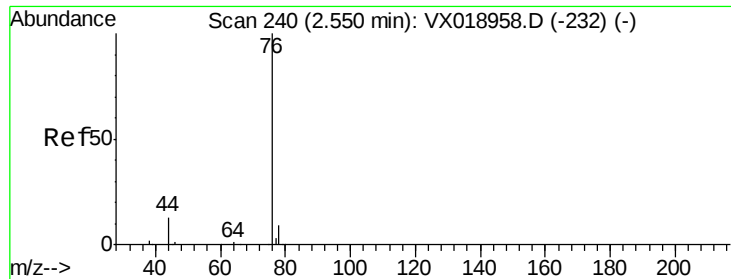
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	43	Resp:	43193
Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.8	41.8





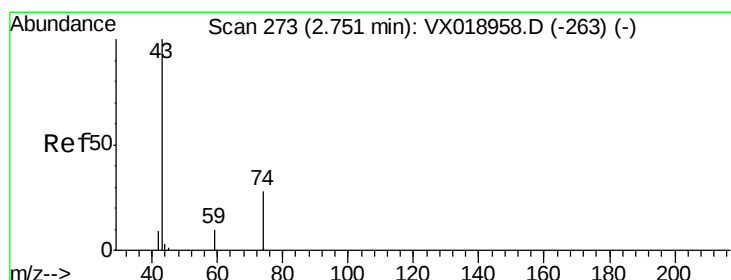
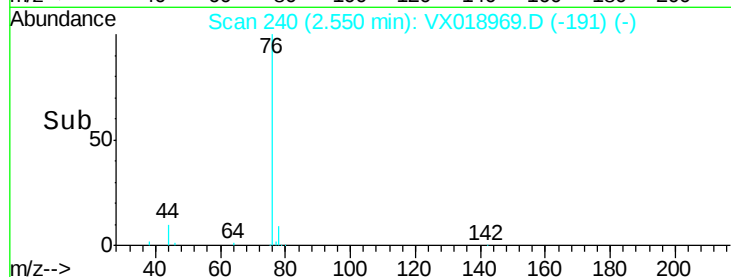
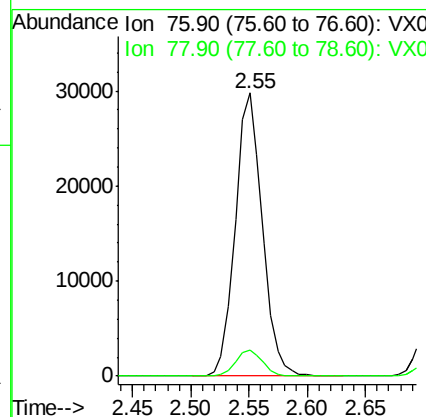
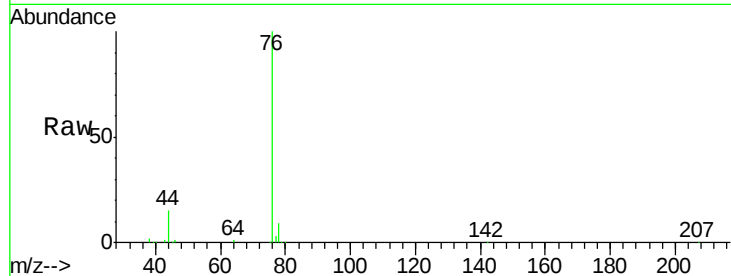
#17
Carbon Disulfide
Concen: 19.178 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

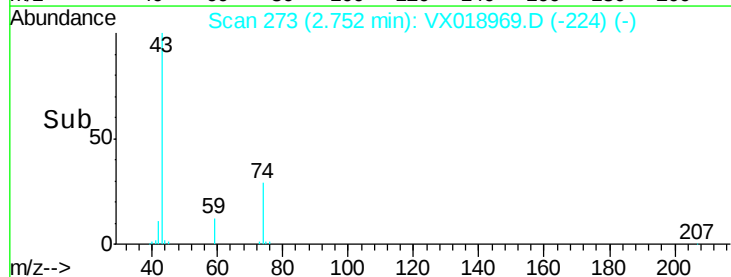
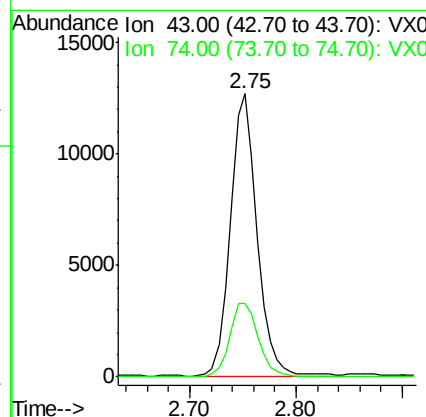
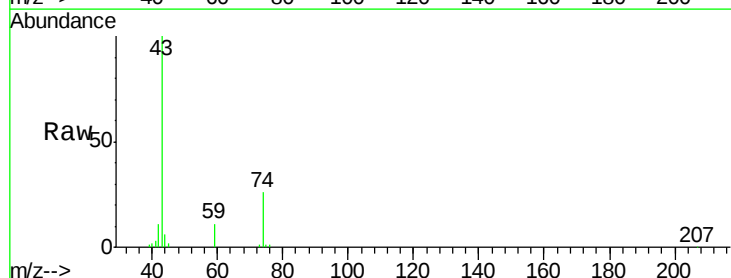
Manual Integrations
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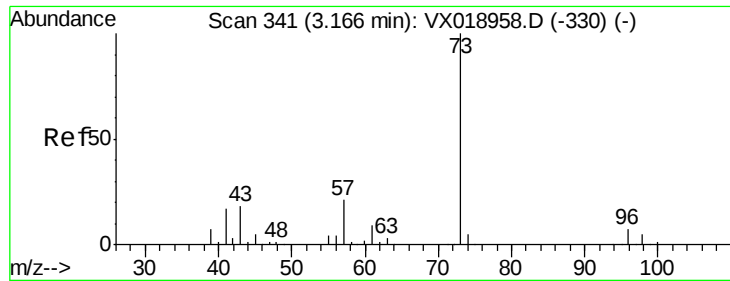
MMDadoda
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#18
Methyl Acetate
Concen: 22.670 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	23.0	34.6





#19

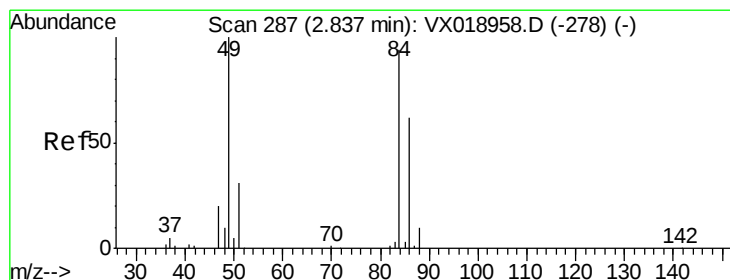
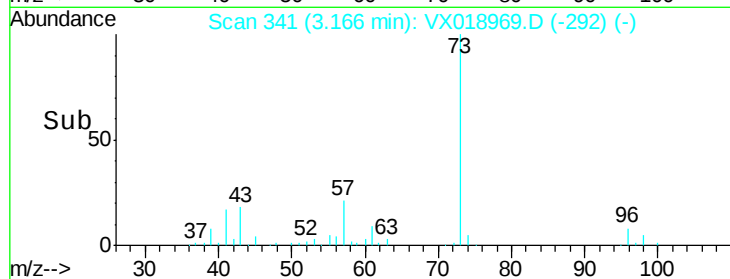
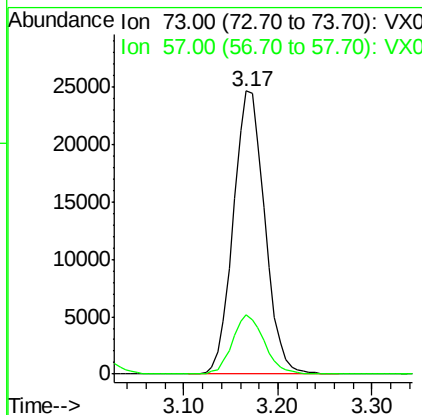
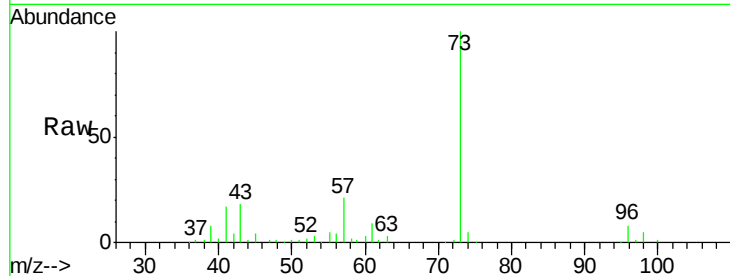
Methyl tert-butyl Ether
 Concen: 20.163 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.6	25.0

Manual Integrations
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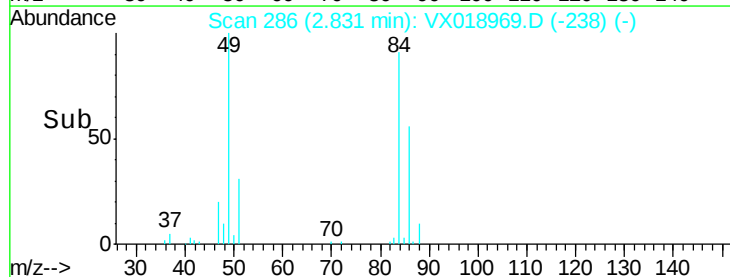
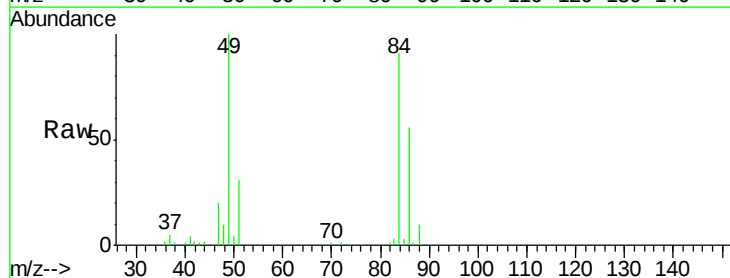
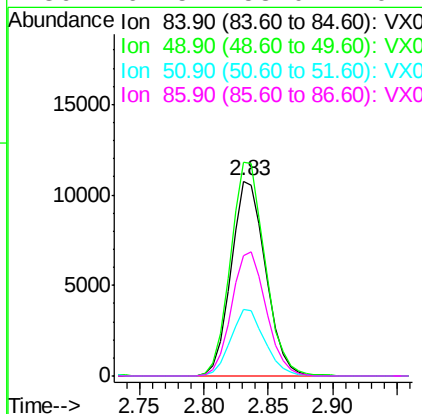
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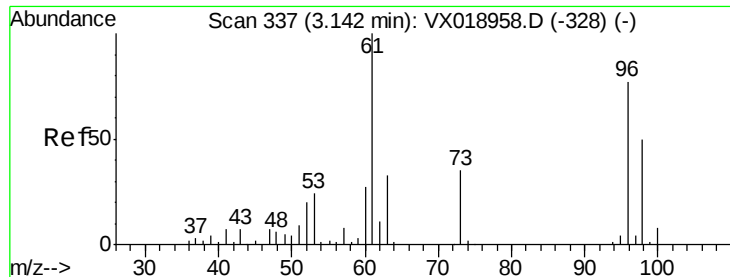


#20

Methylene Chloride
 Concen: 19.932 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	85.1	127.7
51	34.5	26.0	39.0
86	61.5	53.0	79.4





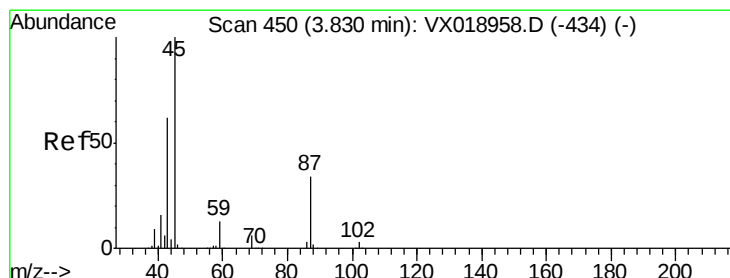
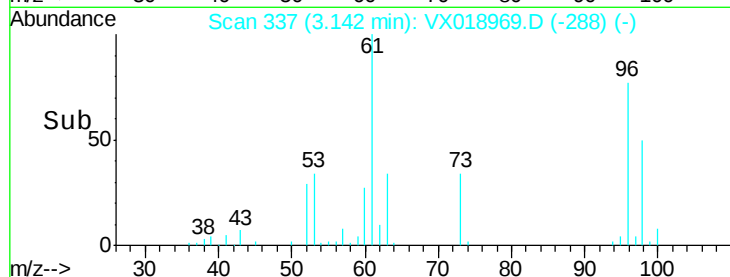
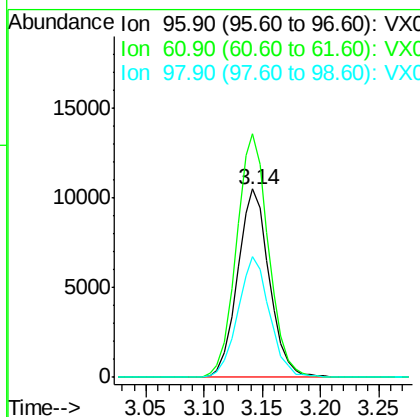
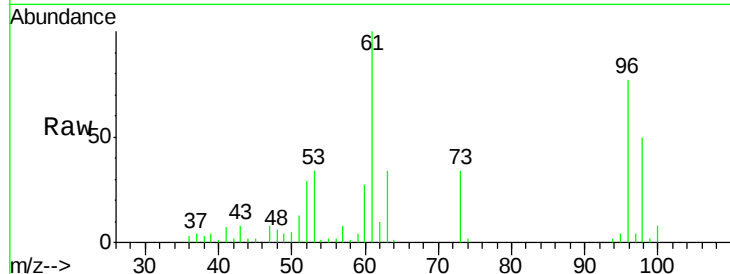
#21
trans-1,2-Dichloroethene
Concen: 19.619 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	103.4	155.0
98	64.4	51.7	77.5

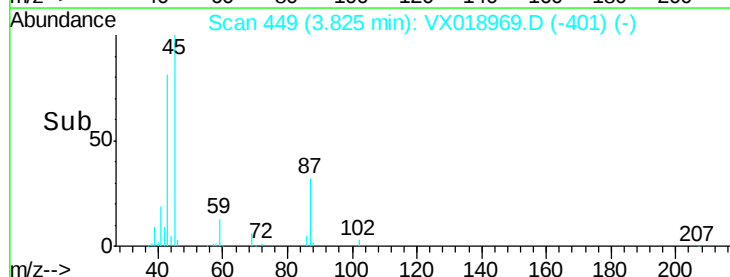
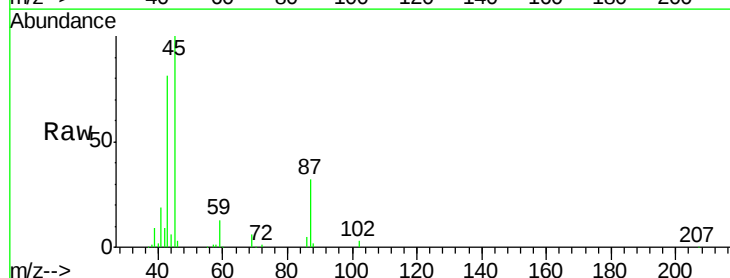
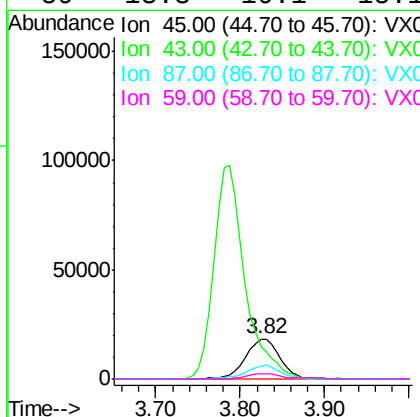
Manual Integrations
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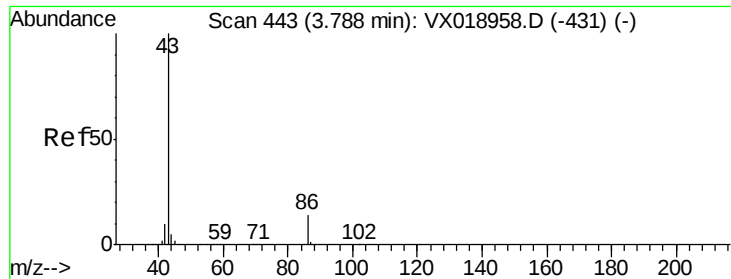
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#22
Diisopropyl ether
Concen: 20.638 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.0	49.7	74.5#
87	32.5	27.4	41.2
59	13.3	10.1	15.1





#23

Vinyl Acetate

Concen: 105.151 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 43 Resp: 250712

Ion Ratio Lower Upper

43 100

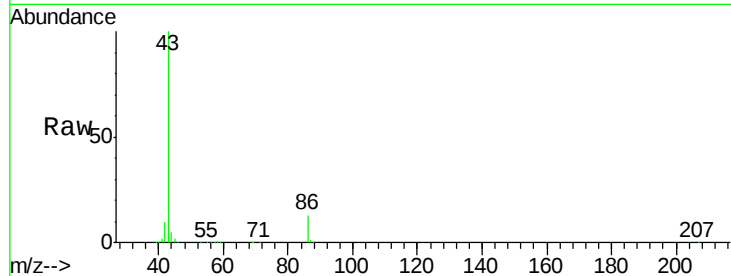
86 13.4 10.9 16.3

Manual Integrations

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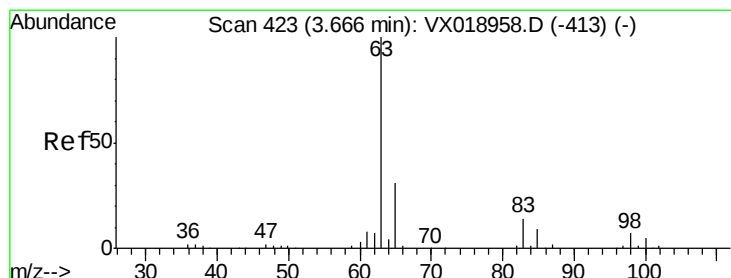
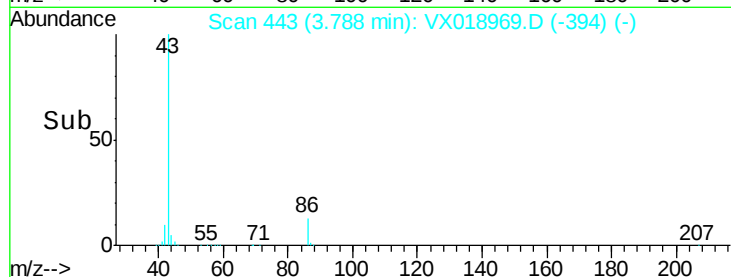
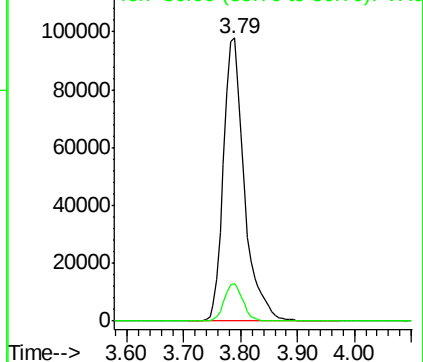
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.765 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

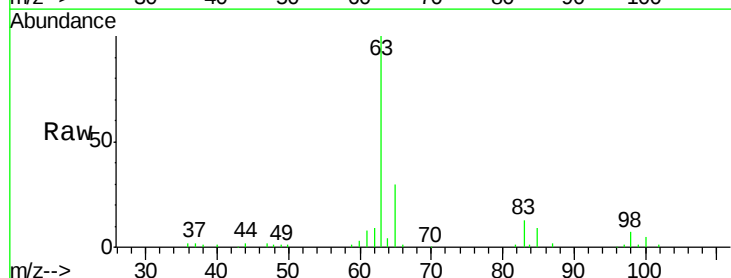
Tgt Ion: 63 Resp: 35150

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

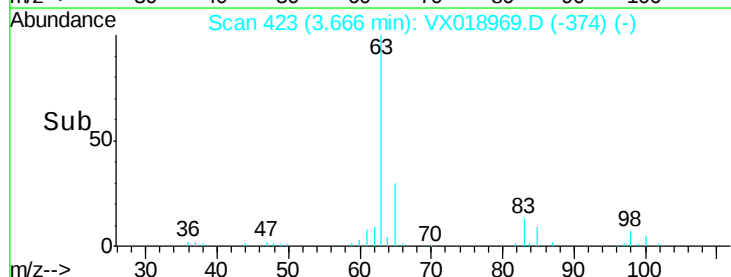
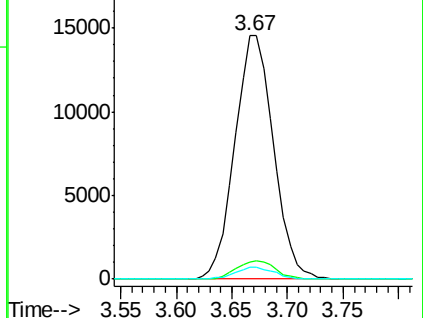
100 4.8 2.4 7.1

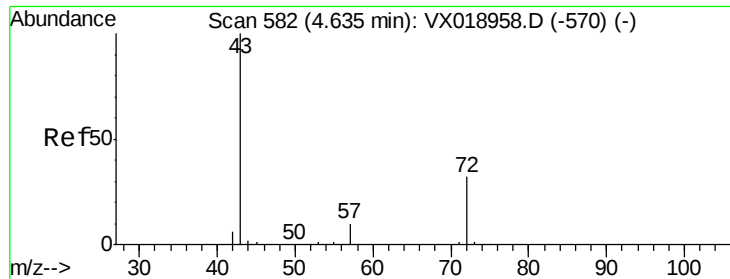


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 106.947 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 43 Resp: 73351

Ion Ratio Lower Upper

43 100

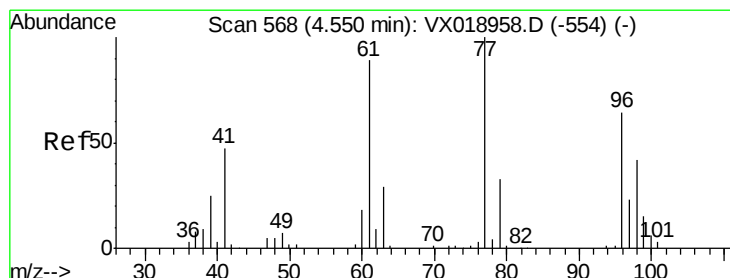
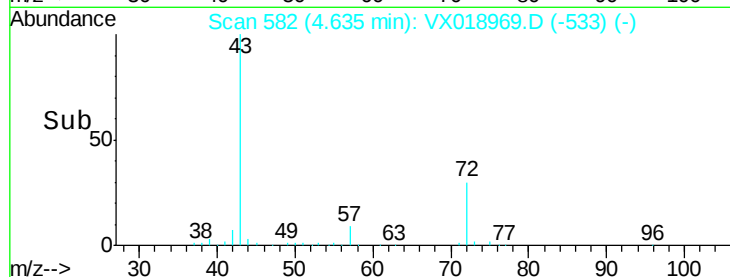
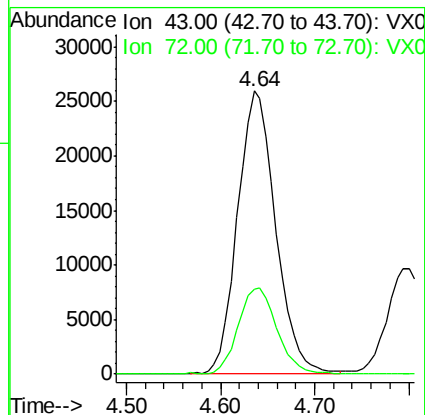
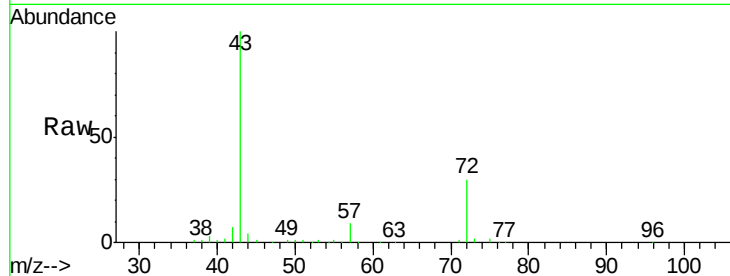
72 29.7 25.8 38.6

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.976 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018969.D

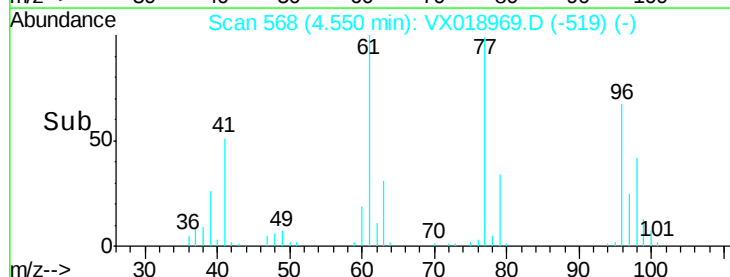
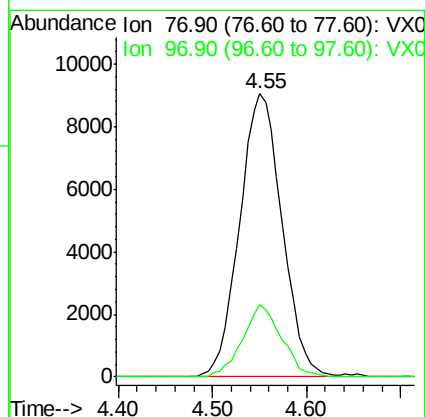
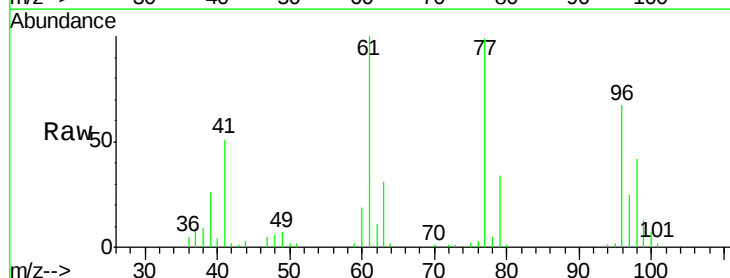
Acq: 19 Oct 2020 22:31

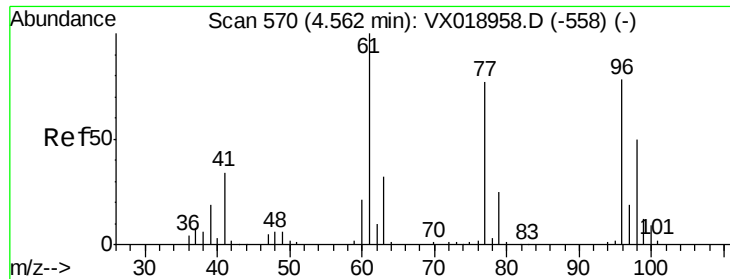
Tgt Ion: 77 Resp: 28501

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





#27

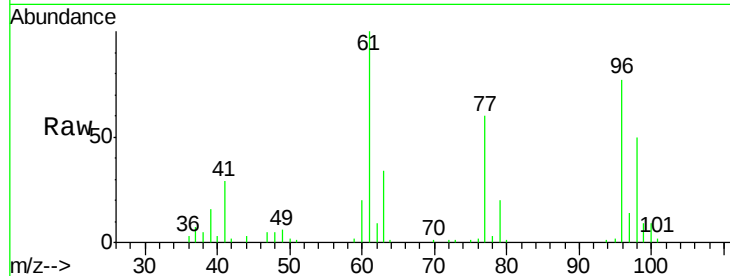
cis-1,2-Dichloroethene
Concen: 19.665 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

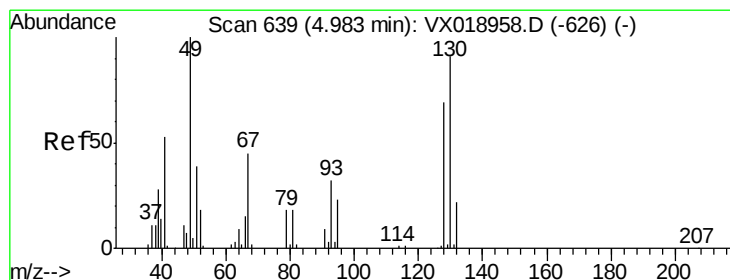
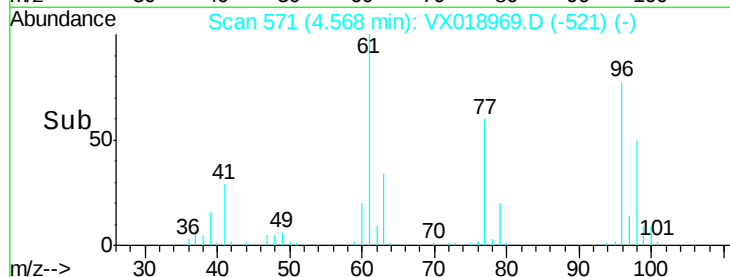
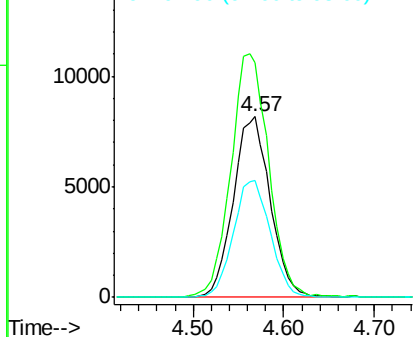
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	0.0	265.2
98	64.6	0.0	128.4

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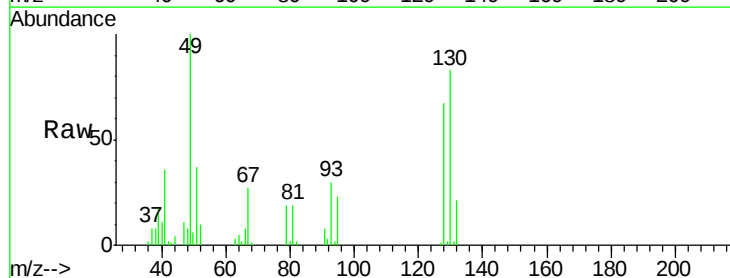
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



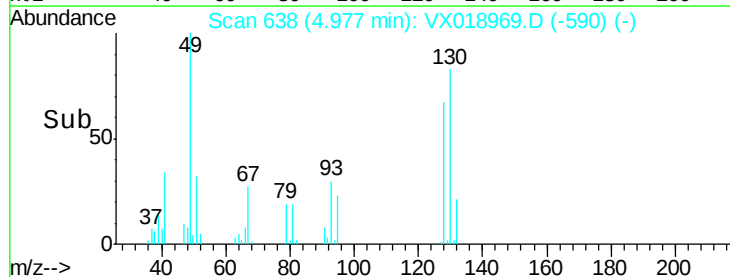
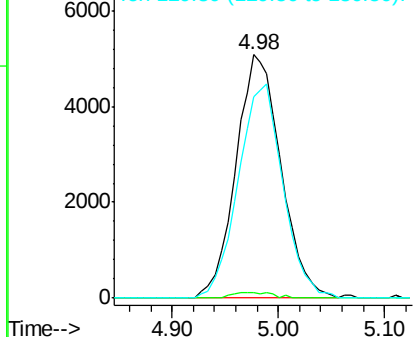
#28

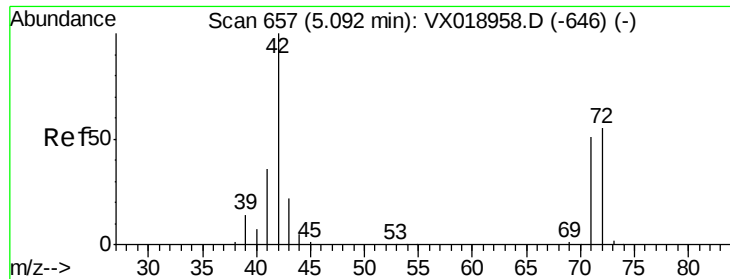
Bromochloromethane
Concen: 21.100 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	87.3	72.0	108.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





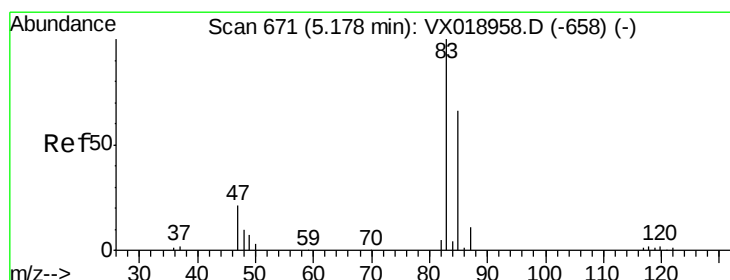
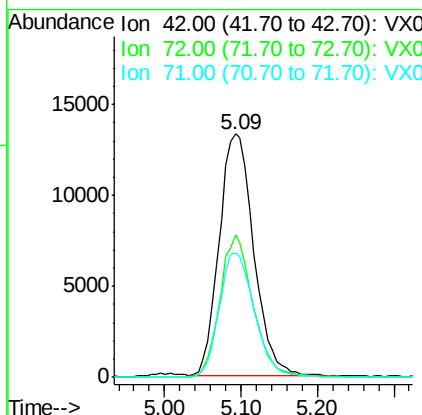
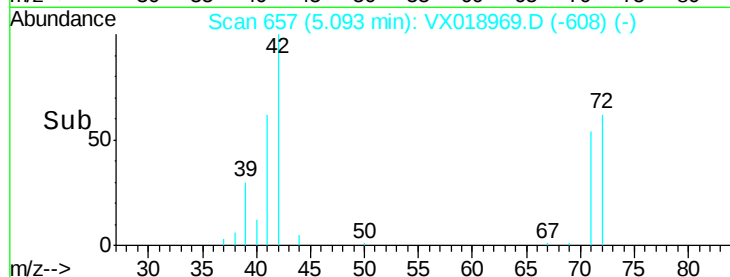
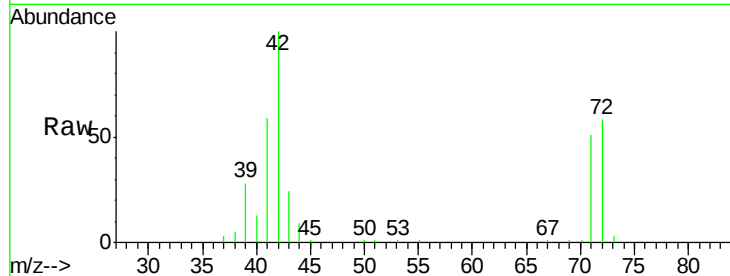
#29
Tetrahydrofuran
Concen: 103.485 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion: 42 Resp: 41706
Ion Ratio Lower Upper
42 100
72 56.5 44.9 67.3
71 51.9 41.0 61.6

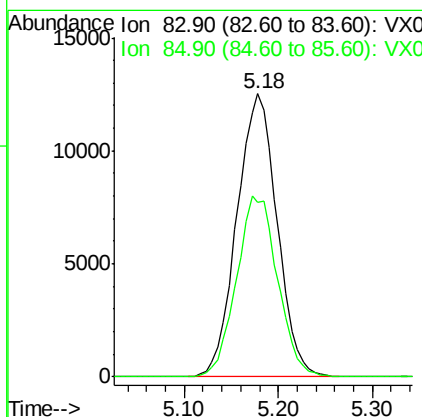
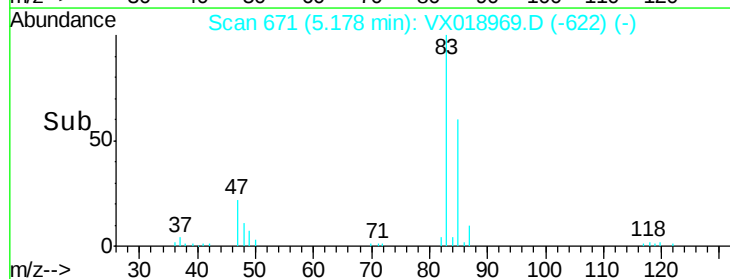
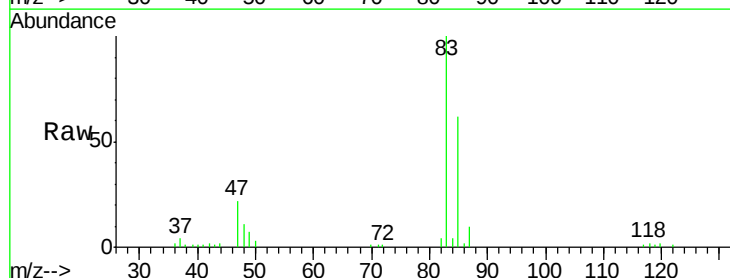
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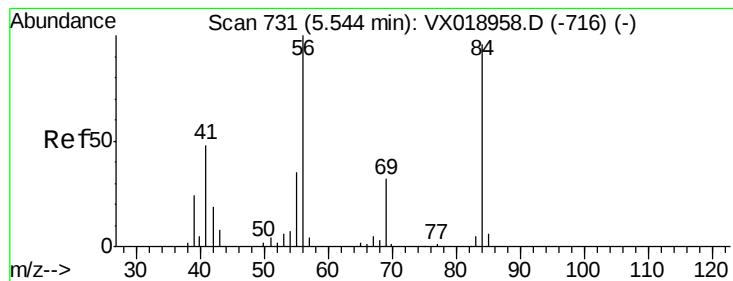
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#30
Chloroform
Concen: 20.405 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion: 83 Resp: 37357
Ion Ratio Lower Upper
83 100
85 61.8 52.6 78.8





#31

Cyclohexane

Concen: 20.357 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 56 Resp: 27238

Ion Ratio Lower Upper

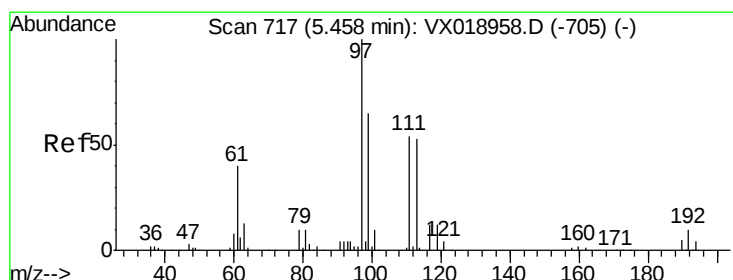
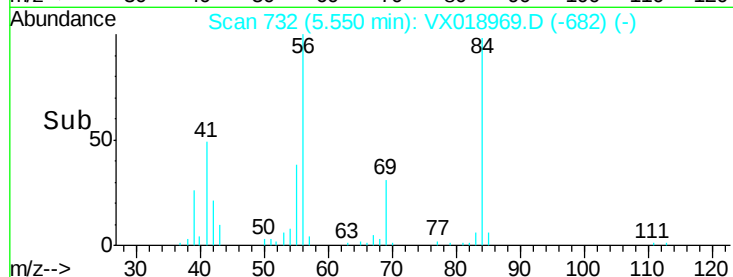
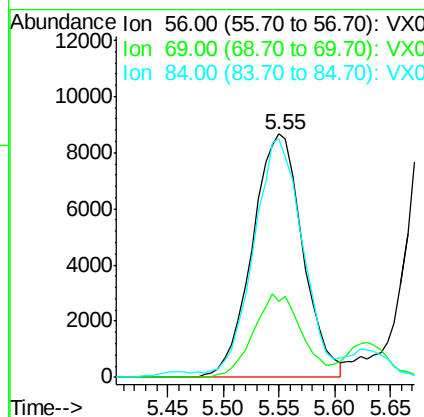
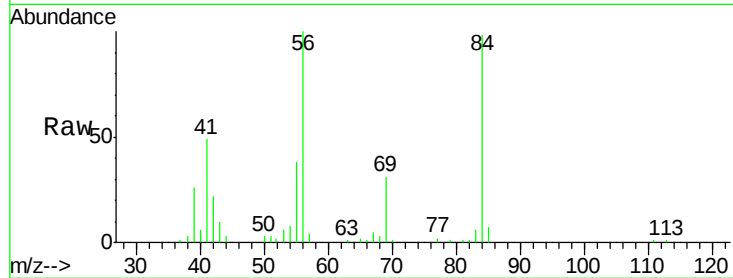
56 100

69 31.0 25.4 38.0

84 95.8 75.4 113.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.333 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

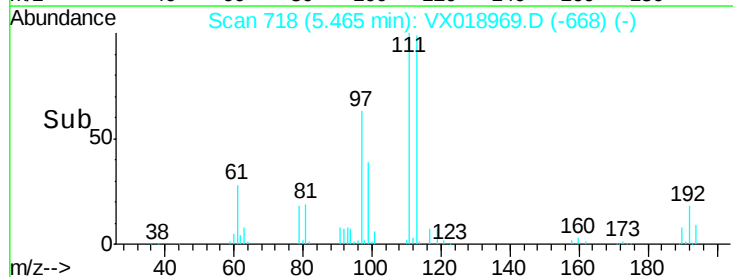
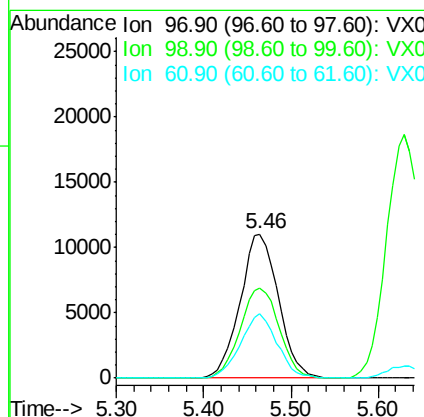
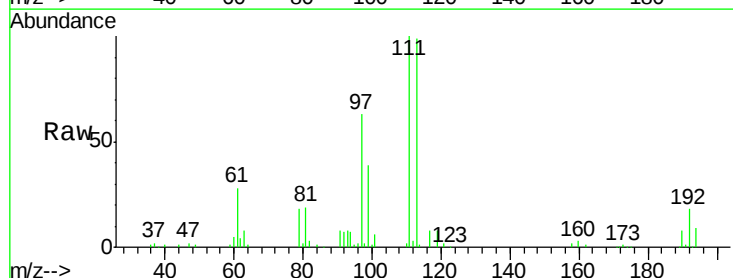
Tgt Ion: 97 Resp: 33623

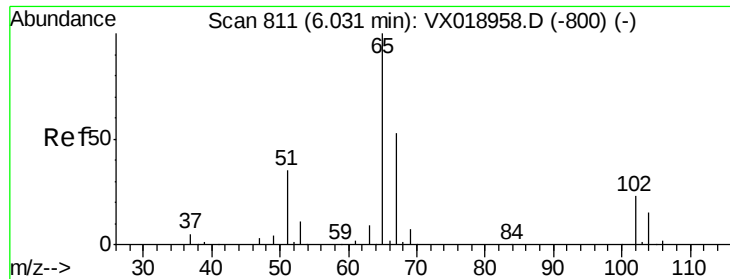
Ion Ratio Lower Upper

97 100

99 63.6 50.5 75.7

61 42.4 32.3 48.5





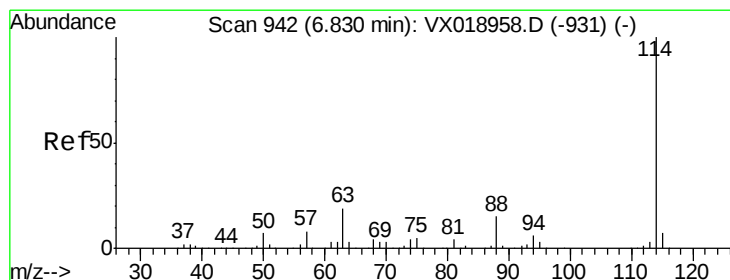
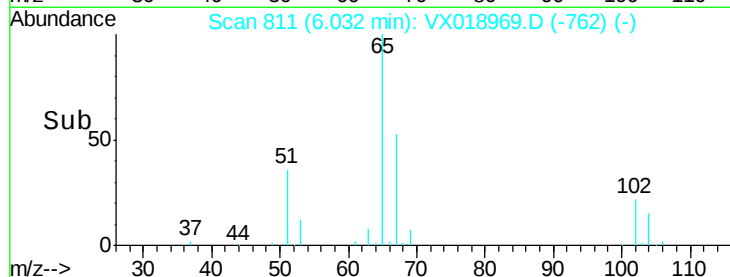
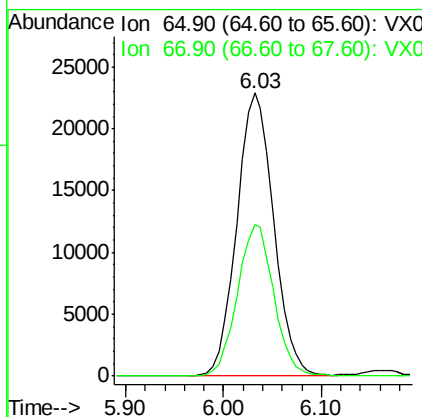
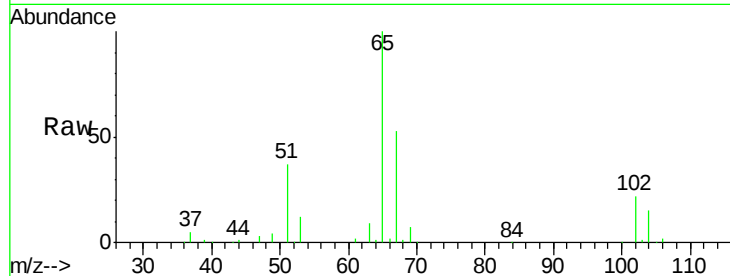
#33
 1,2-Dichloroethane-d4
 Concen: 55.212 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.6

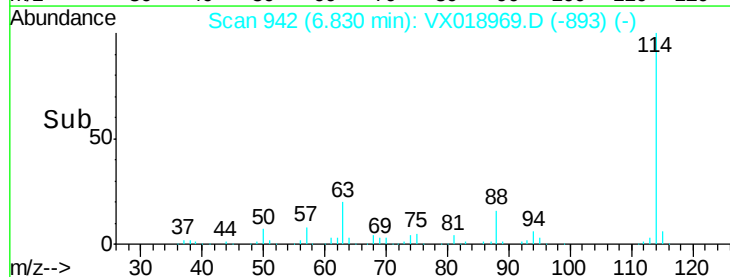
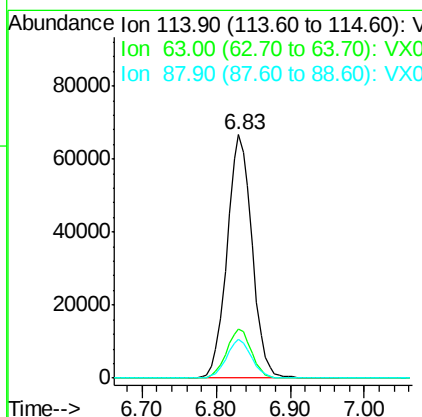
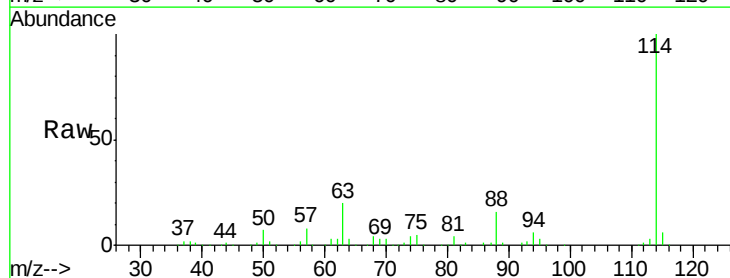
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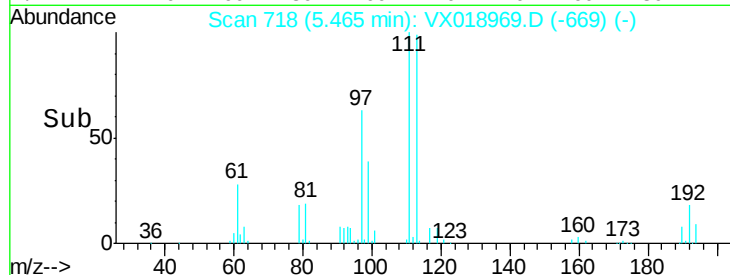
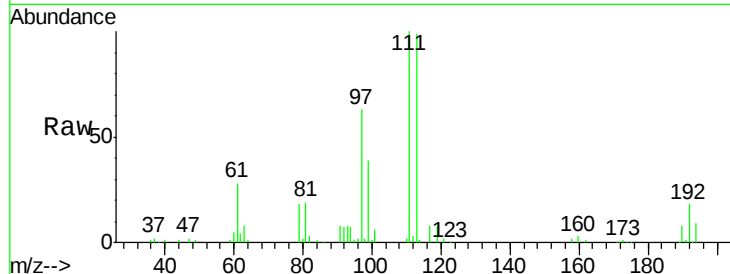
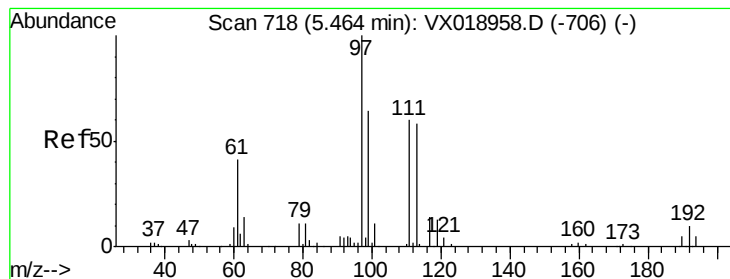
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.0
88	15.9	0.0	30.8





#35

Dibromofluoromethane

Concen: 50.562 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018969.D

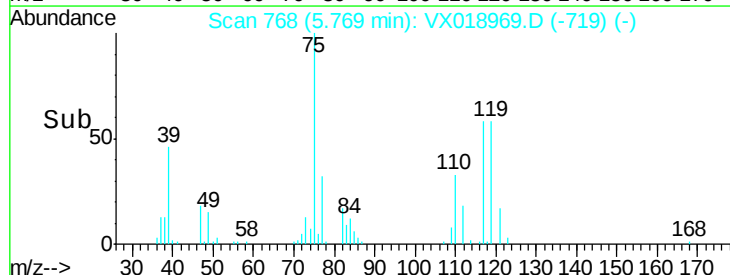
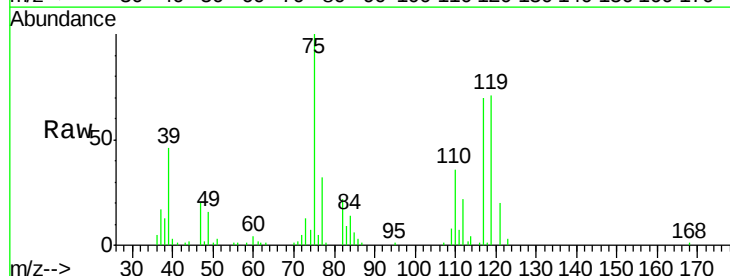
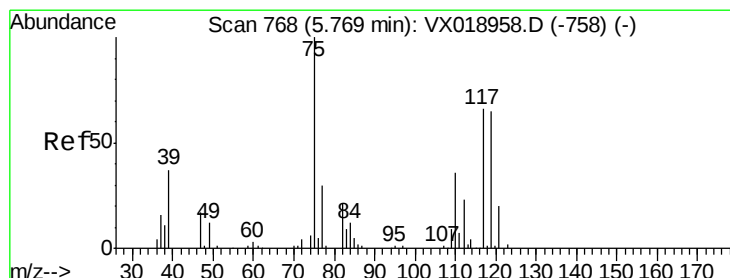
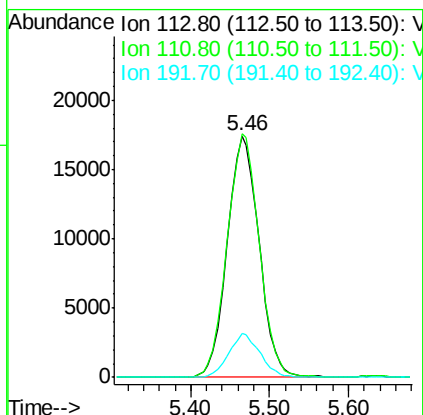
Acq: 19 Oct 2020 22:31

Tot Ion:	113	Resp:	48851
Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.8	121.2
192	17.9	14.5	21.7

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

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#36

1,1-Dichloropropene

Concen: 18.883 ug/l

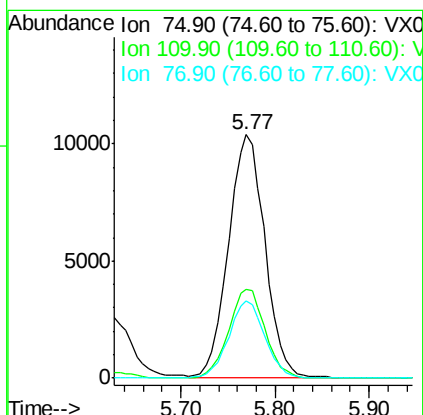
RT: 5.77 min Scan# 768

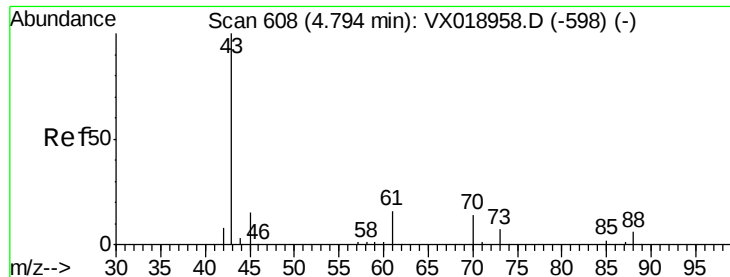
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	75	Resp:	28005
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.8
77	31.4	25.0	37.4





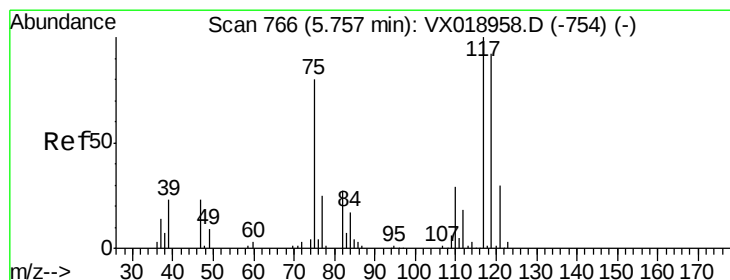
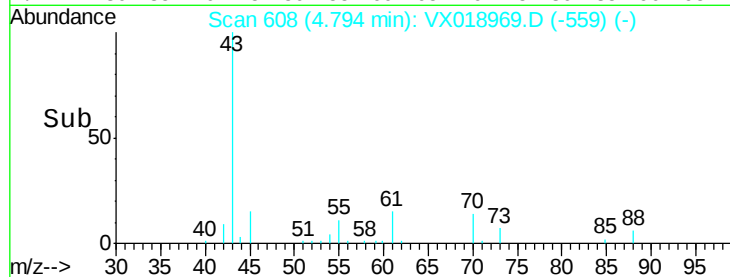
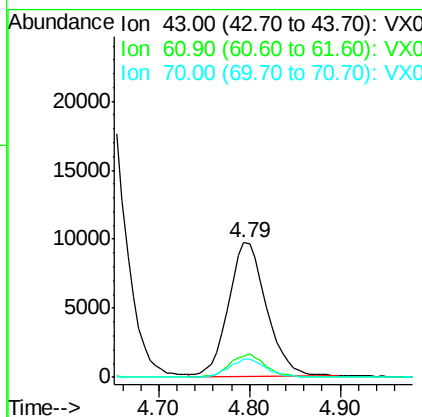
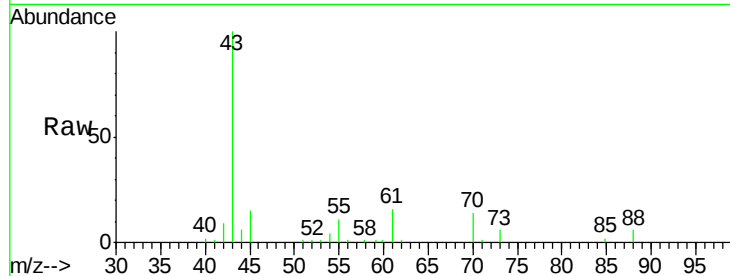
#37
Ethyl Acetate
Concen: 19.278 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.7	19.1
70	12.8	10.6	15.8

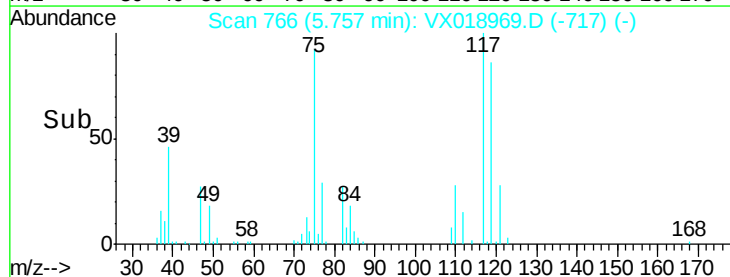
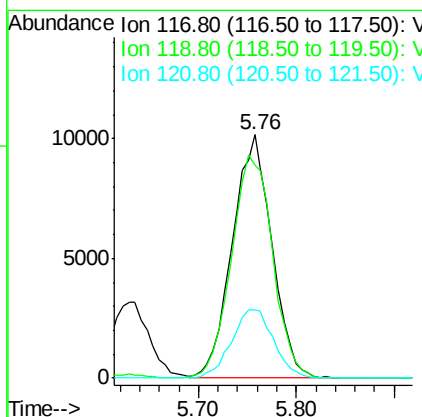
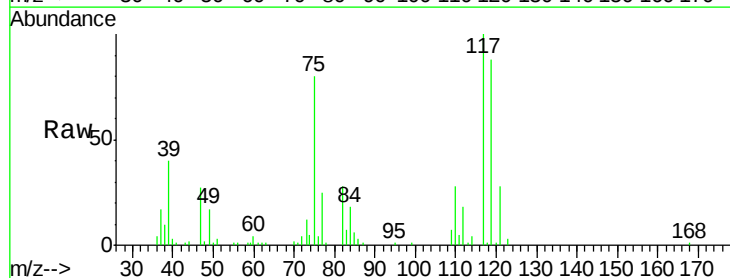
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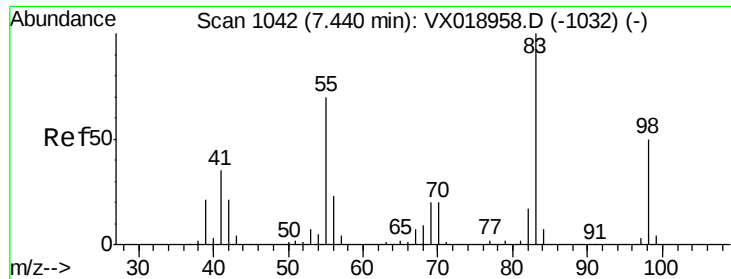
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#38
Carbon Tetrachloride
Concen: 18.626 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.7	73.2	109.8
121	28.0	23.5	35.3





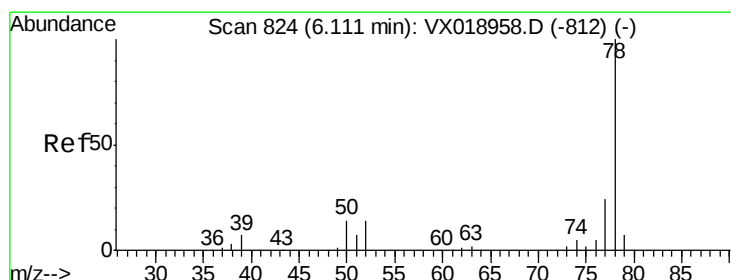
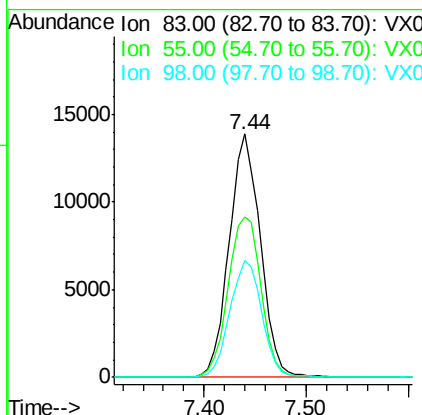
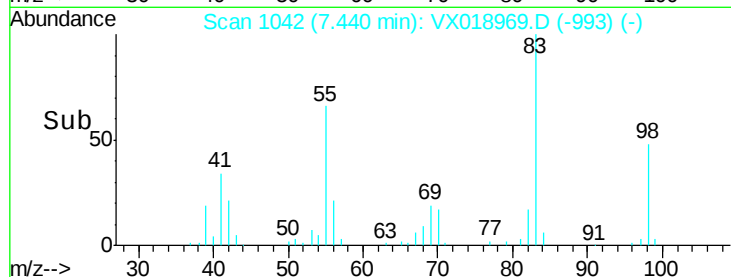
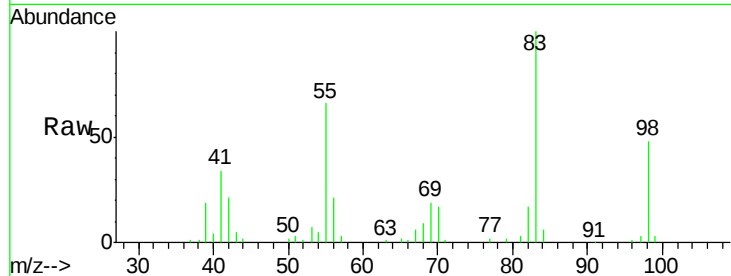
#39
Methvlcvclohexane
Concen: 18.491 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	83.00	Resp	29478
Ion Ratio	Lower	Upper	
83	100		
55	65.9	56.3	84.5
98	48.2	39.8	59.6

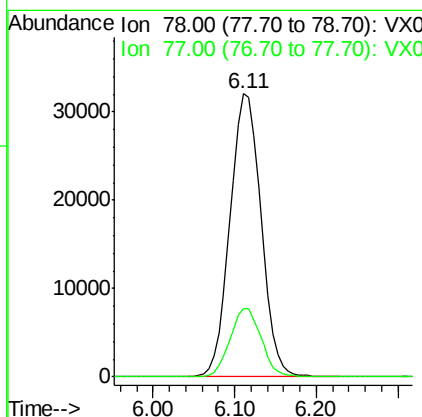
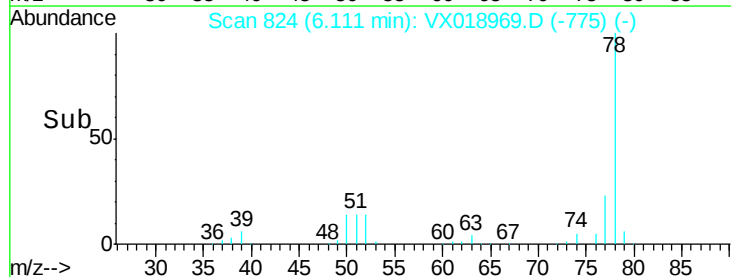
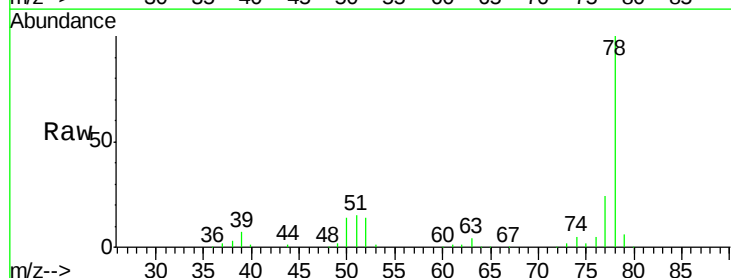
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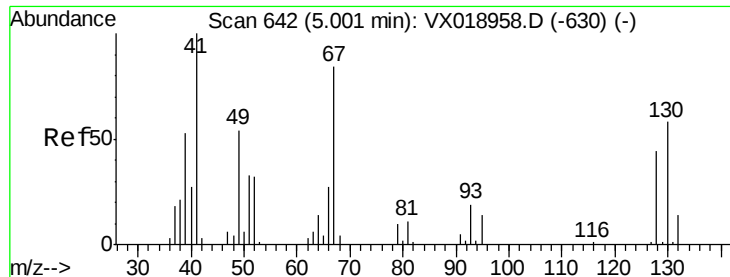
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#40
Benzene
Concen: 19.785 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	78.00	Resp	84450
Ion Ratio	Lower	Upper	
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 19.592 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 41 Resp: 14854

Ion Ratio Lower Upper

41 100

39 56.8 43.7 65.5

67 87.2 70.9 106.3

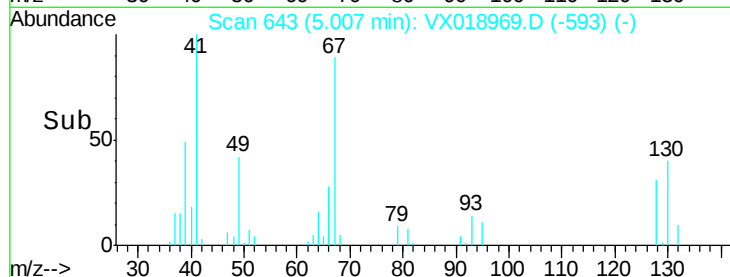
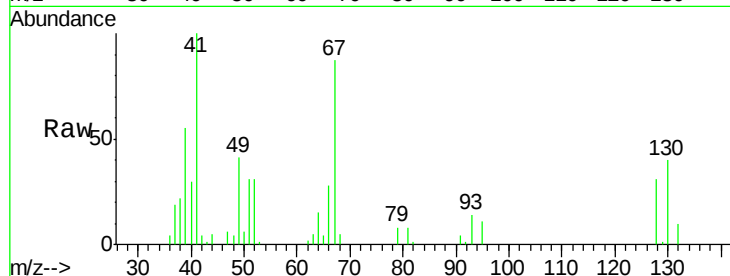
52 34.2 27.0 40.6

Manual Integrations

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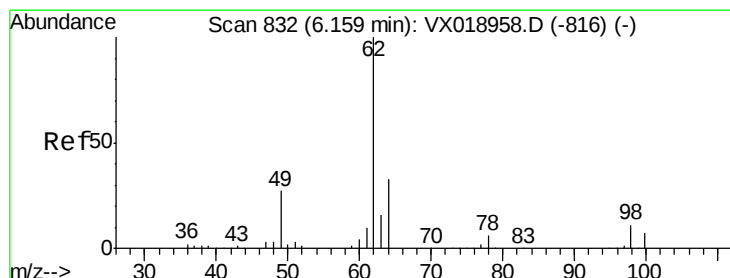
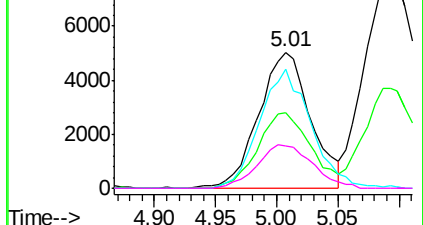


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.594 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX018969.D

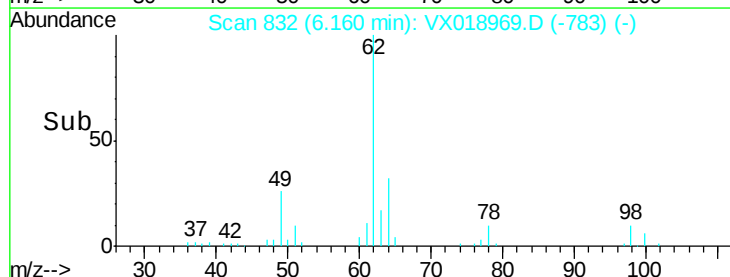
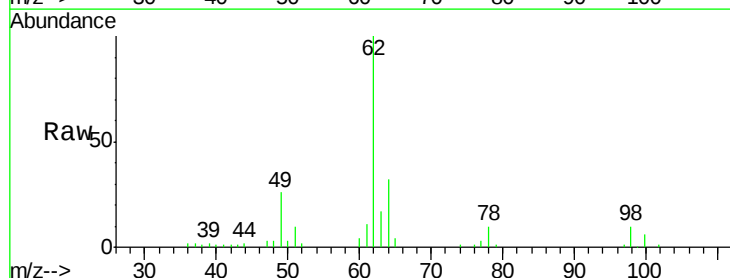
Acq: 19 Oct 2020 22:31

Tgt Ion: 62 Resp: 30147

Ion Ratio Lower Upper

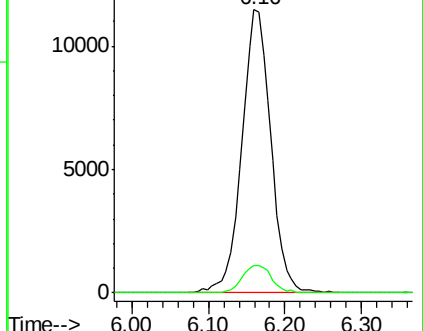
62 100

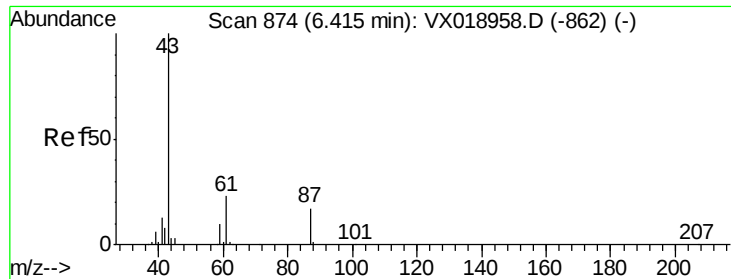
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





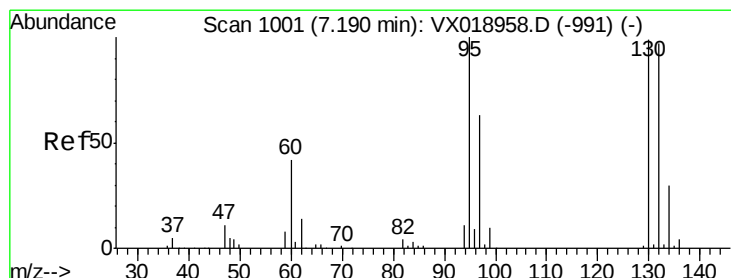
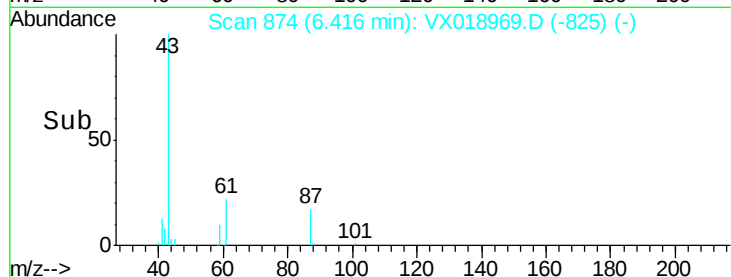
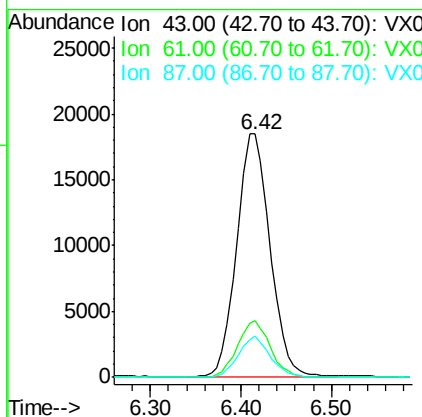
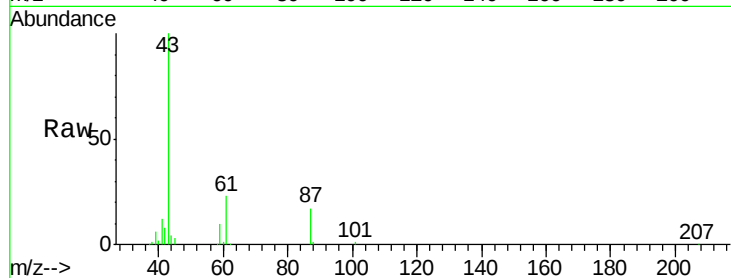
#43
Isopropyl Acetate
Concen: 20.080 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.3	27.5
87	15.7	13.4	20.2

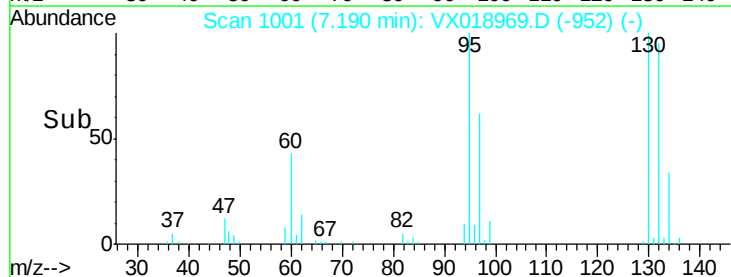
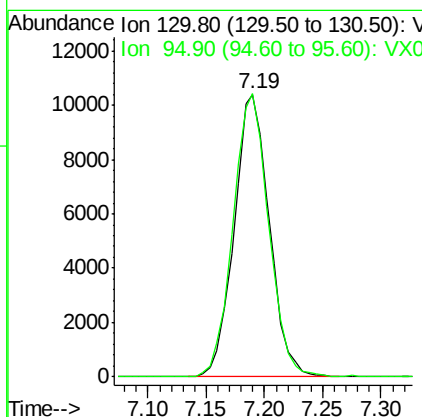
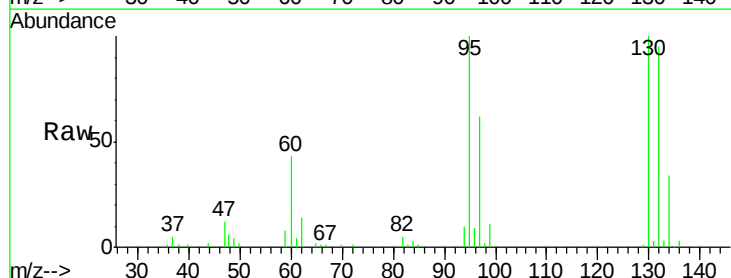
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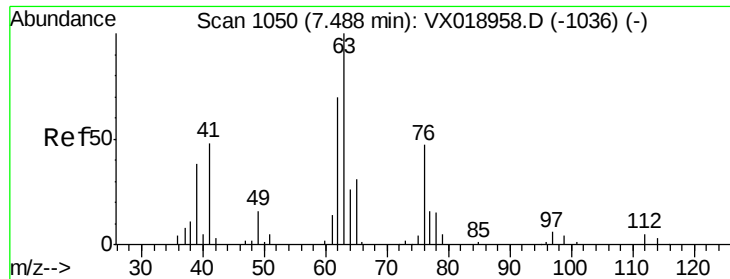
MMDadoda
10/20/2020 4:52:48 PM



#44
Trichloroethene
Concen: 18.510 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	201.0





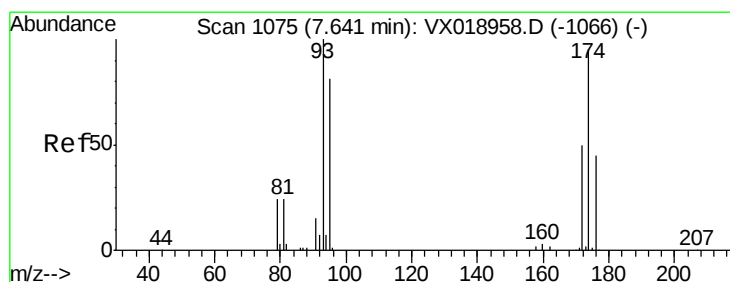
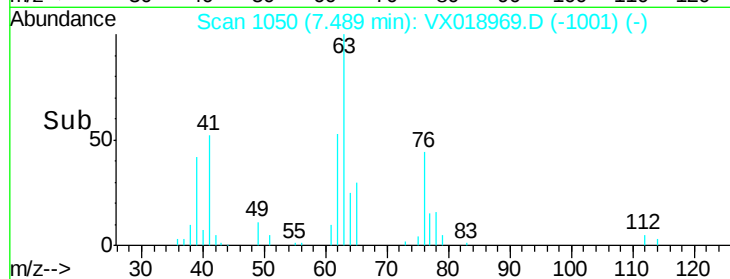
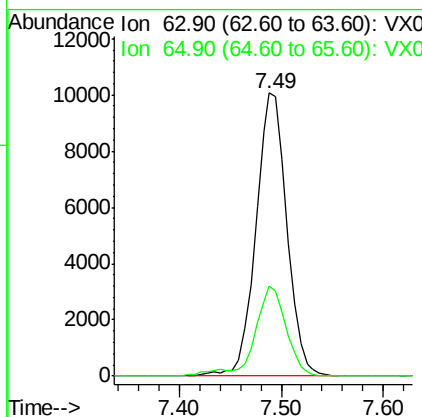
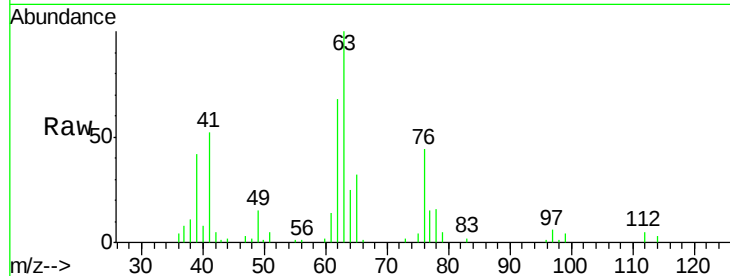
#45
 1,2-Dichloropropane
 Concen: 20.117 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.0	37.6

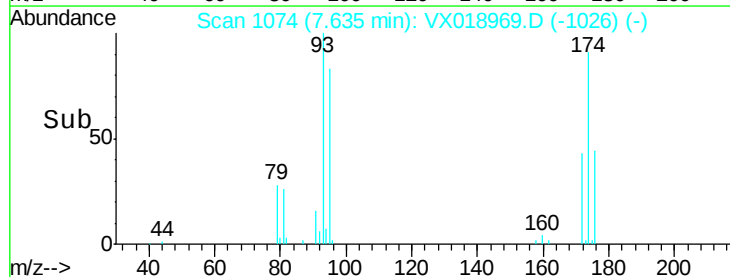
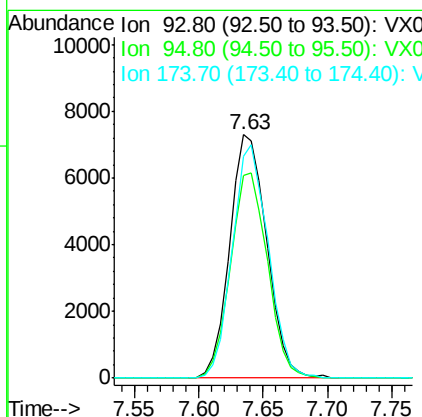
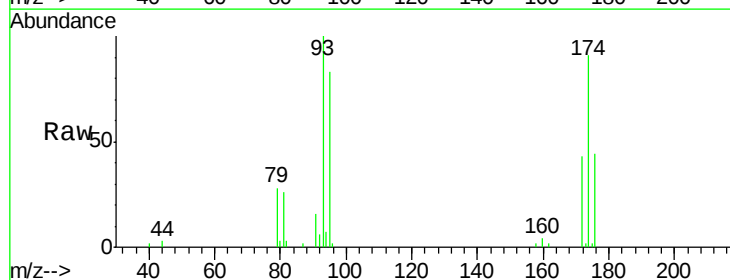
Manual Integrations
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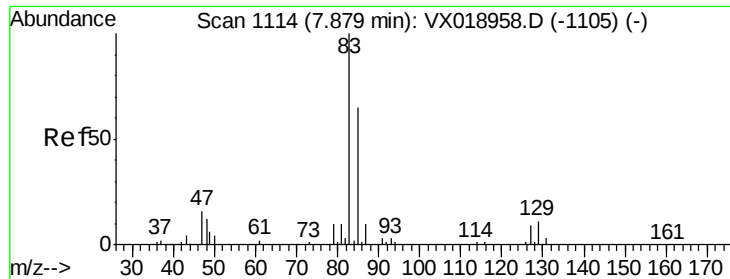
MMDadoda
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#46
 Dibromomethane
 Concen: 19.371 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.6	100.0
174	92.7	73.8	110.8





#47

Bromodichloromethane

Concen: 19.603 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

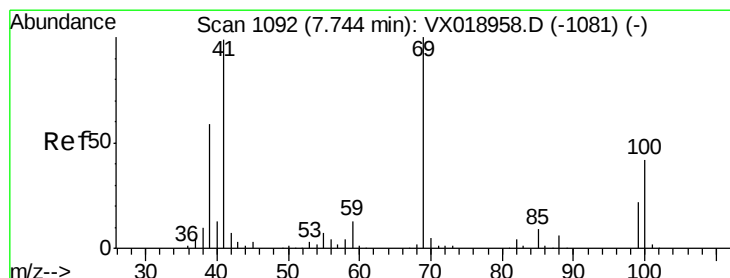
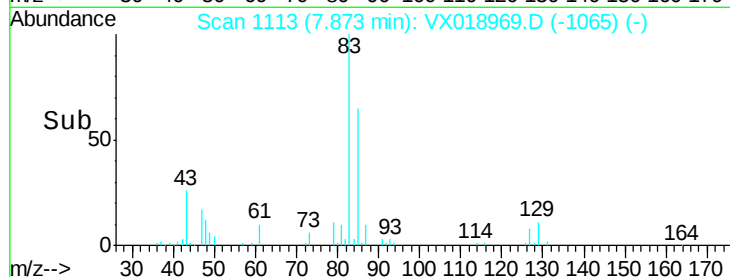
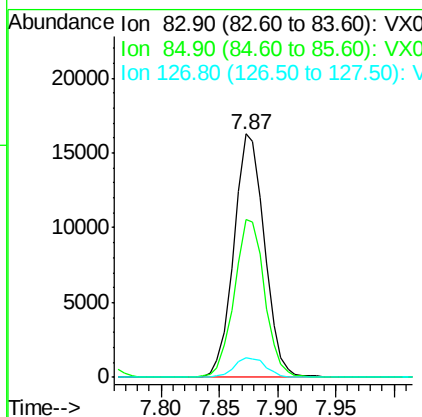
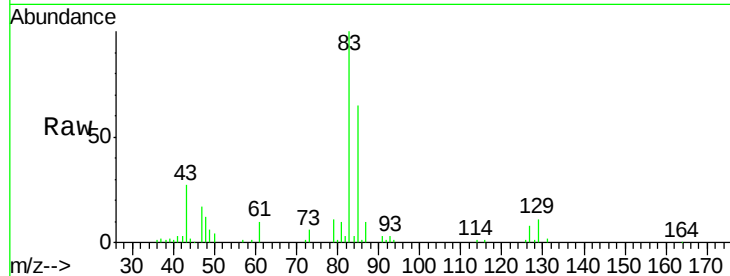
ClientSampleId :

VX1019WBS01

Tot Ion:	83	Resp:	29907
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6
127	7.8	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.035 ug/l

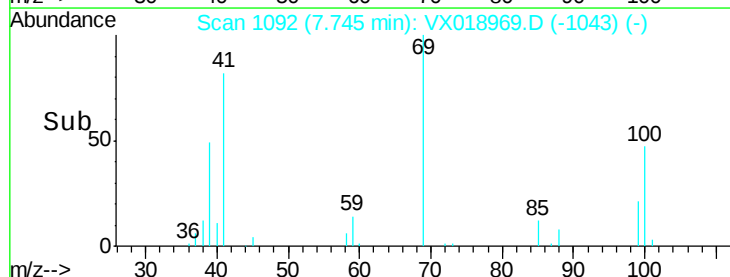
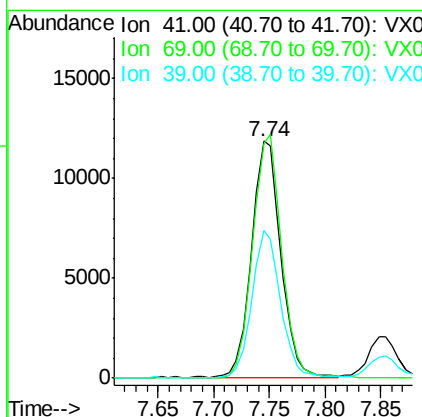
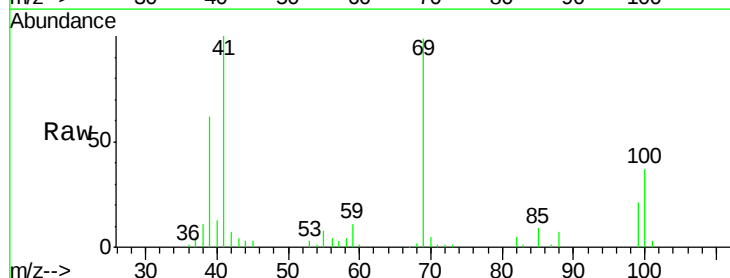
RT: 7.74 min Scan# 1092

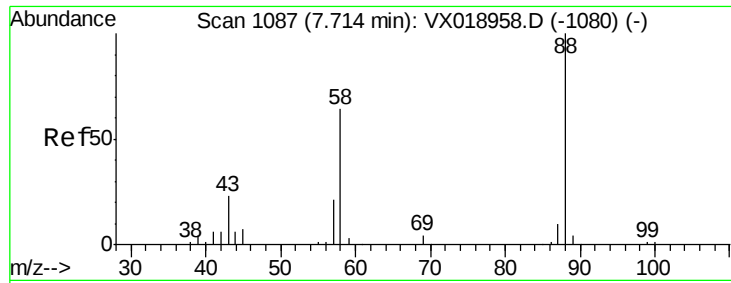
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	41	Resp:	21935
Ion	Ratio	Lower	Upper
41	100		
69	100.4	82.4	123.6
39	60.6	48.1	72.1





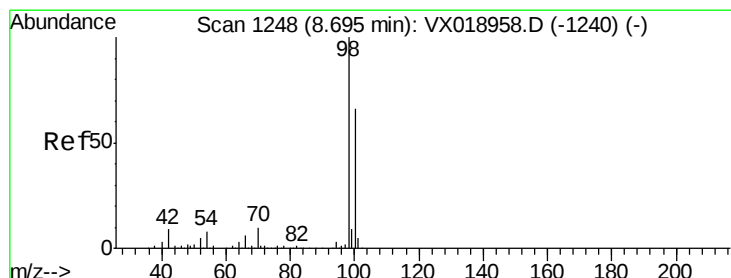
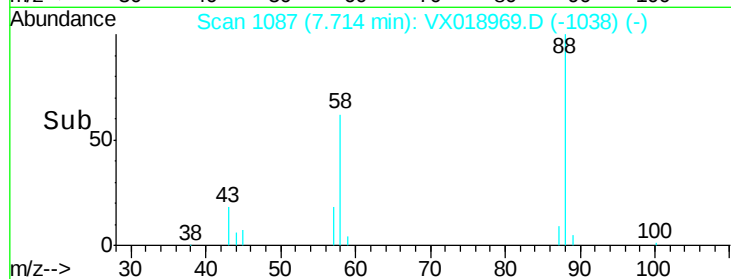
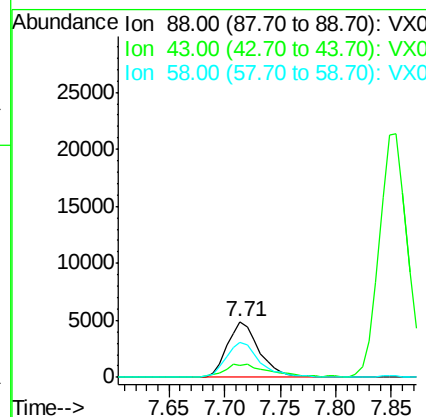
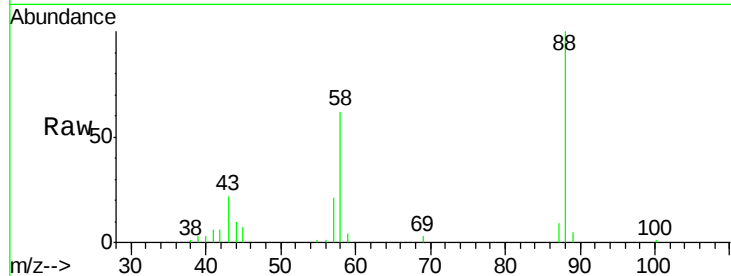
#49
1,4-Dioxane
Concen: 388.810 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	21.1	31.7#
58	65.3	50.3	75.5

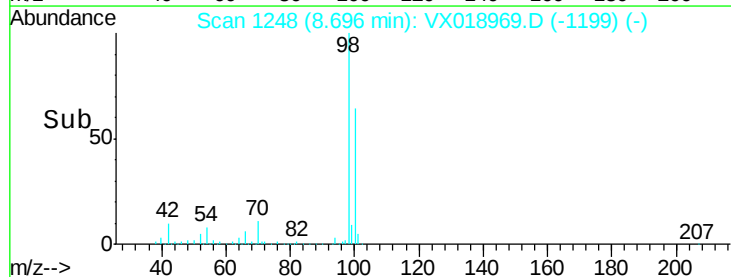
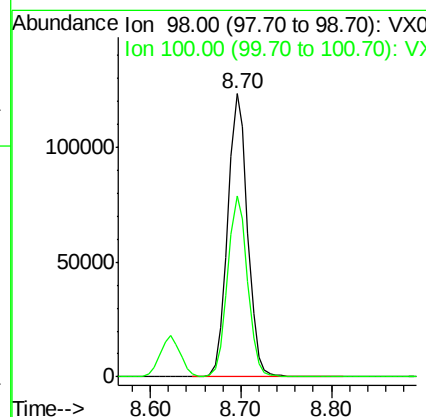
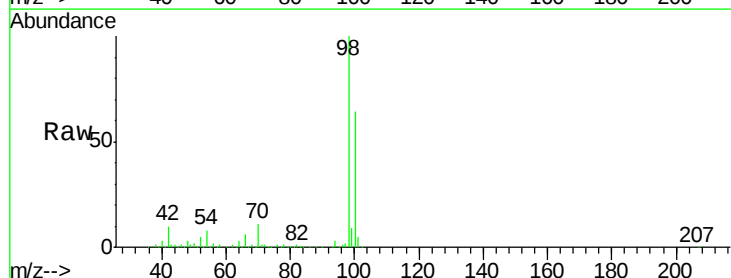
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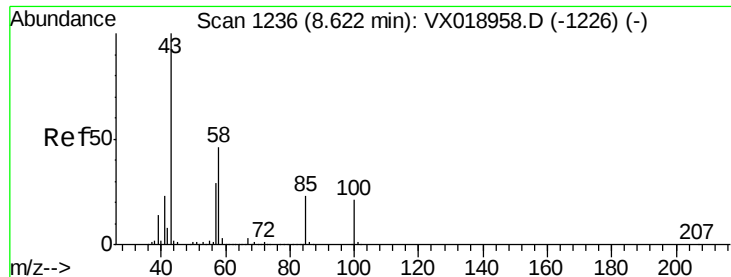
MMDadoda
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#50
Toluene-d8
Concen: 50.326 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 104.013 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampled :

VX1019WBS01

Tot Ion: 43 Resp: 142707

Ion Ratio Lower Upper

43 100

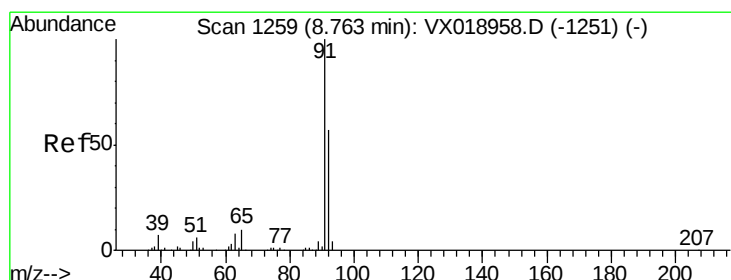
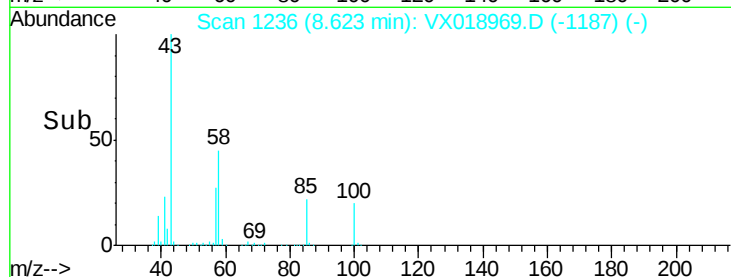
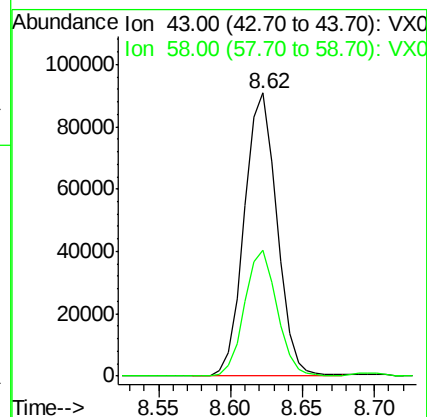
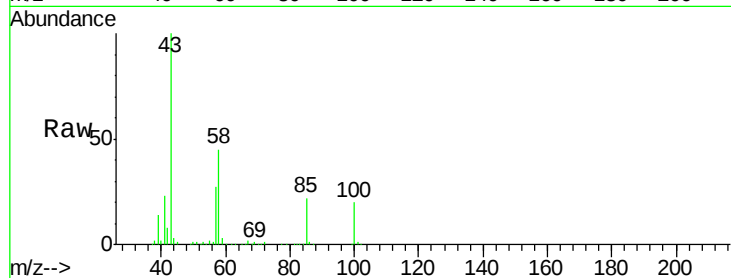
58 44.3 36.4 54.6

Manual Integrations

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#52

Toluene

Concen: 19.309 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018969.D

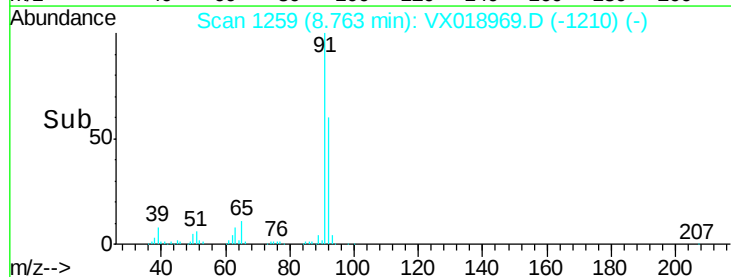
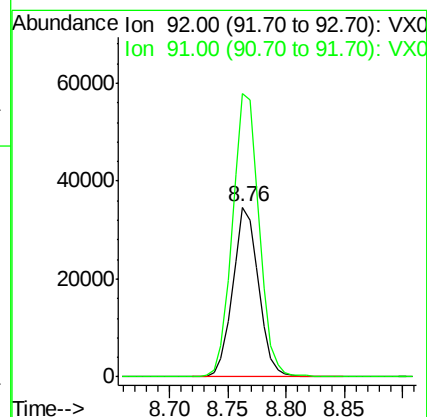
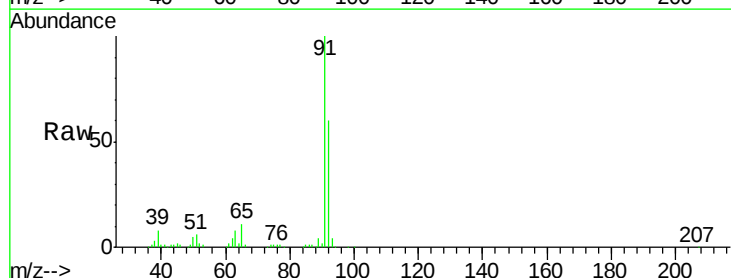
Acq: 19 Oct 2020 22:31

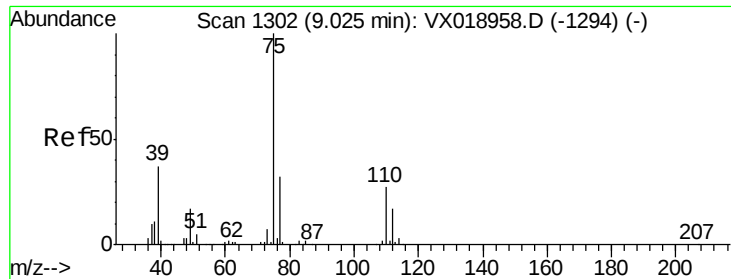
Tgt Ion: 92 Resp: 53292

Ion Ratio Lower Upper

92 100

91 172.7 137.1 205.7





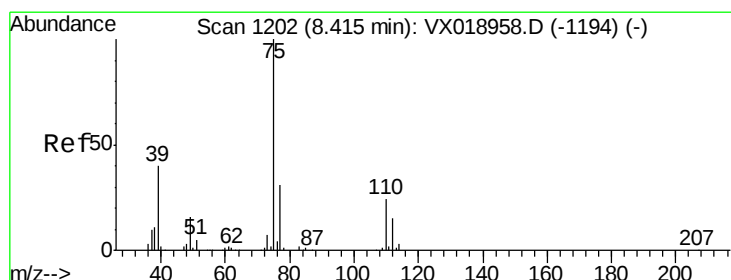
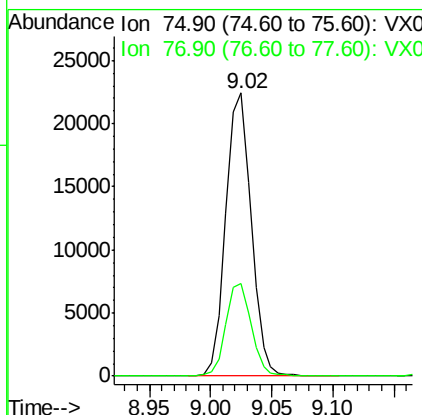
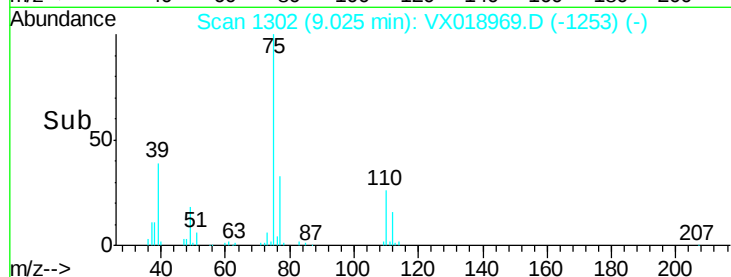
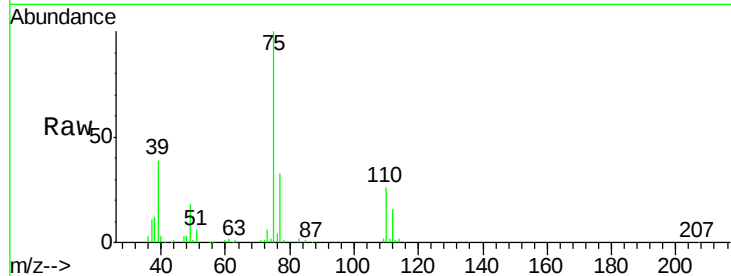
#53
 t-1,3-Dichloropropene
 Concen: 18.715 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion: 75 Resp: 32442
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.0 39.0

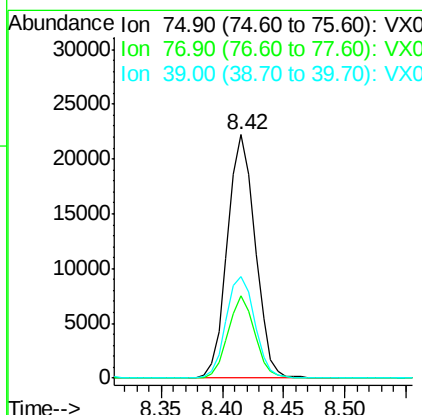
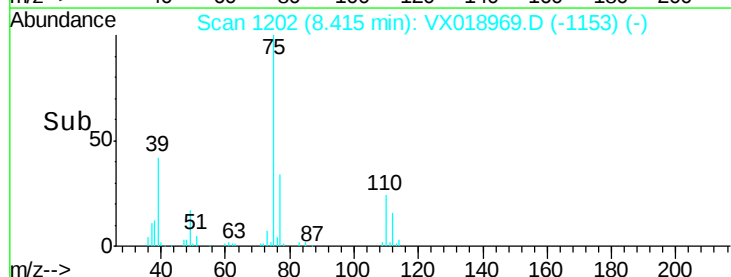
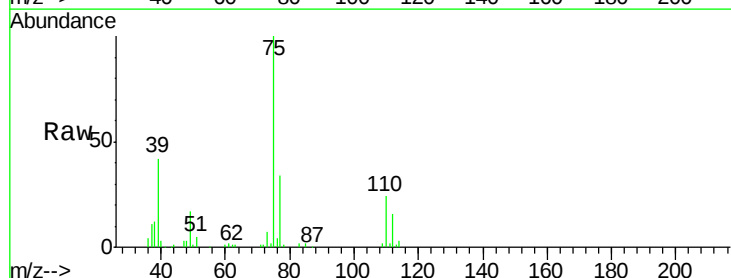
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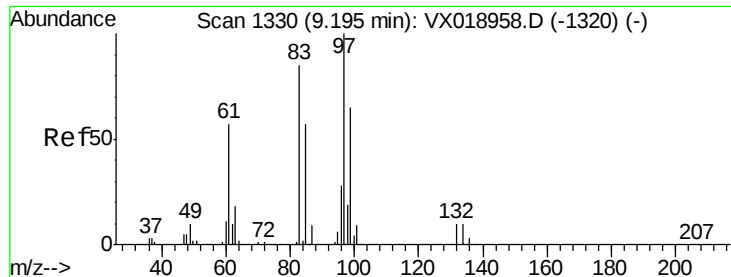
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 19.143 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion: 75 Resp: 35020
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.6 36.8
 39 41.9 32.1 48.1





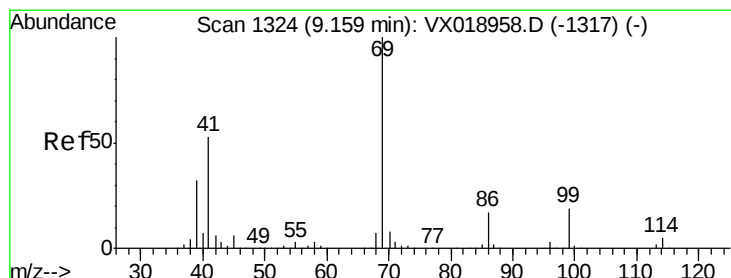
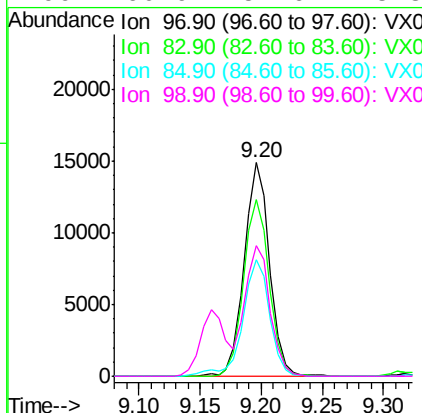
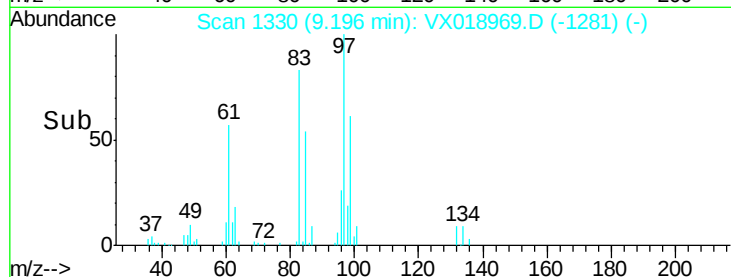
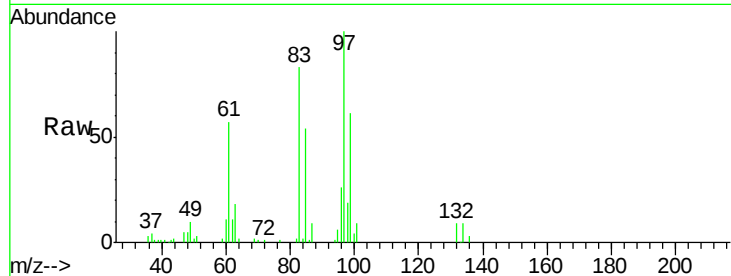
#55
 1,1,2-Trichloroethane
 Concen: 19.739 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.8	101.8
85	54.2	45.7	68.5
99	60.9	52.6	78.8

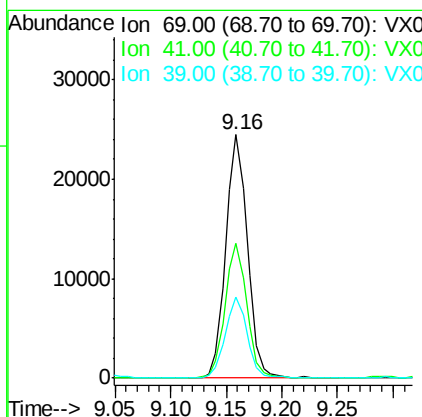
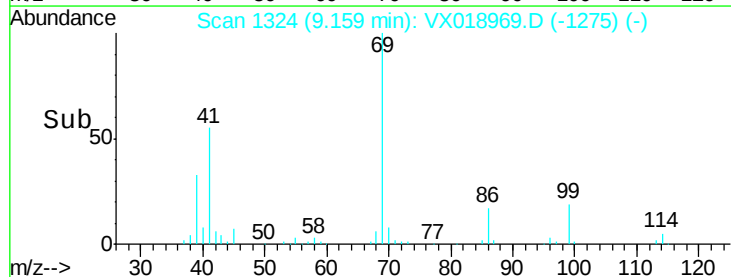
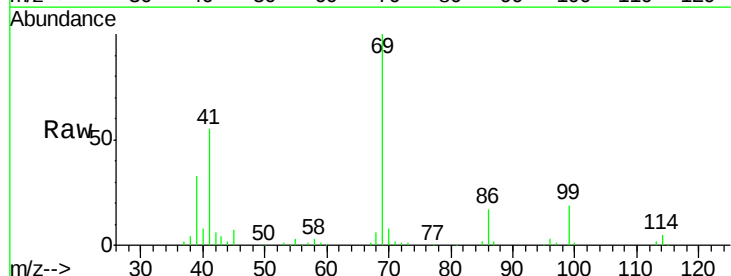
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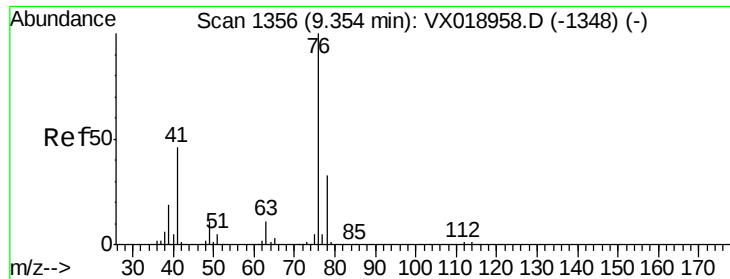
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#56
 Ethyl methacrylate
 Concen: 19.948 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.8	43.4	65.2
39	34.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.944 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 76 Resp: 36299

Ion Ratio Lower Upper

76 100

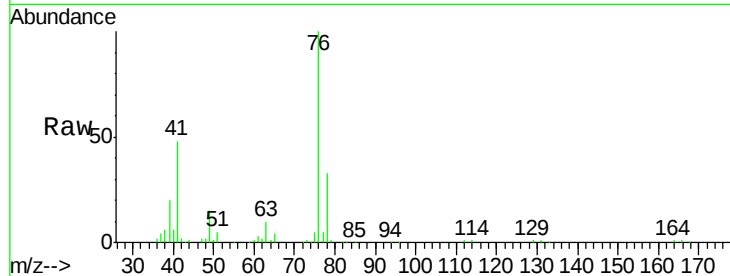
78 32.7 26.2 39.4

Manual Integrations

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MMDadoda

10/20/2020 4:52:48 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

30000

25000

20000

15000

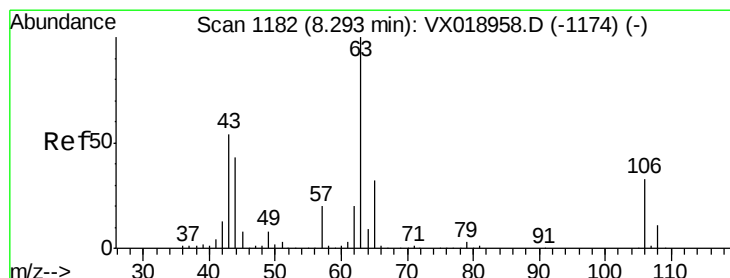
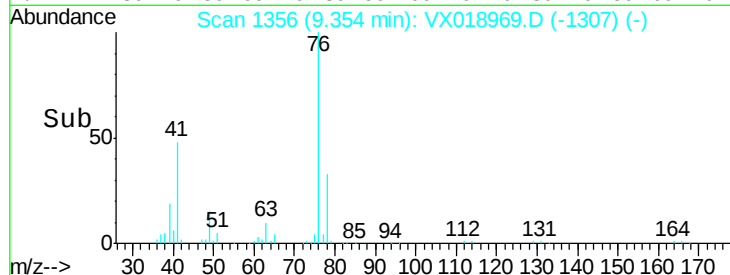
10000

5000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.787 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018969.D

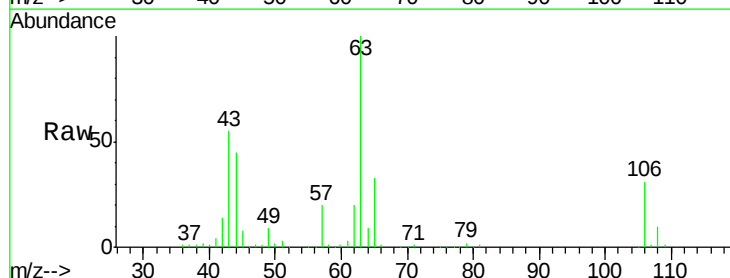
Acq: 19 Oct 2020 22:31

Tgt Ion: 63 Resp: 86972

Ion Ratio Lower Upper

63 100

106 30.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

60000

50000

40000

30000

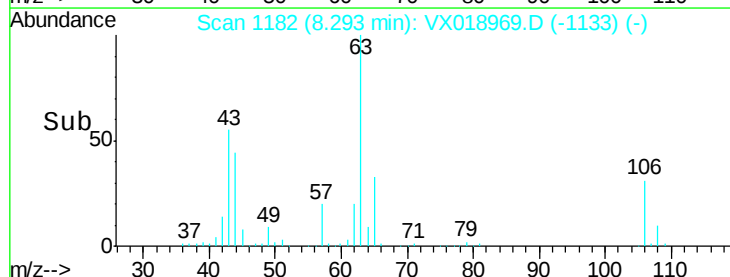
20000

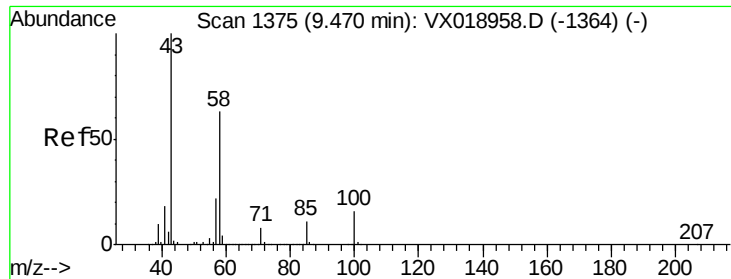
10000

0

8.20 8.30 8.40

Time-->





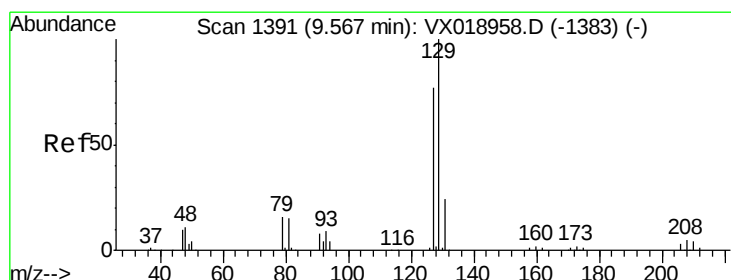
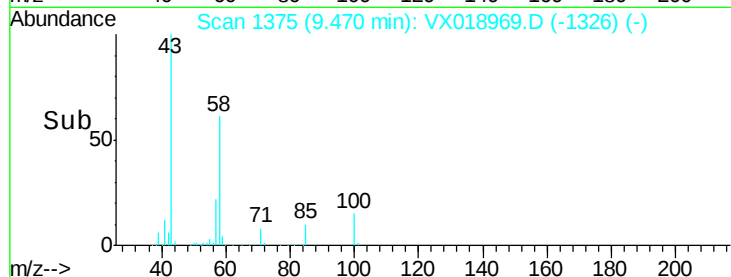
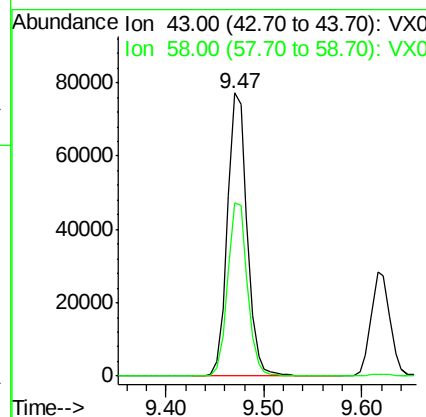
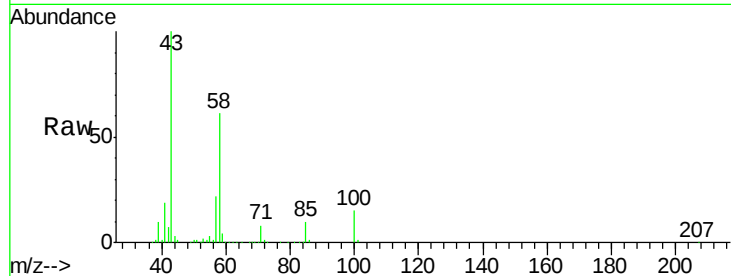
#59
2-Hexanone
Concen: 102.854 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion: 43 Resp: 107275
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1

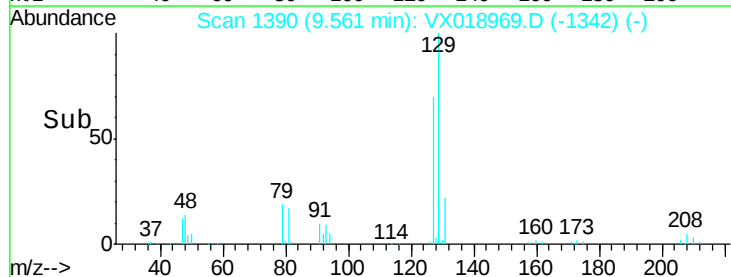
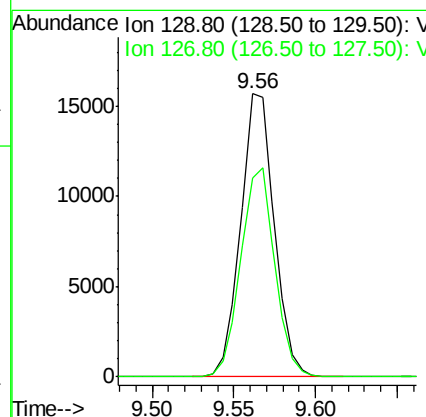
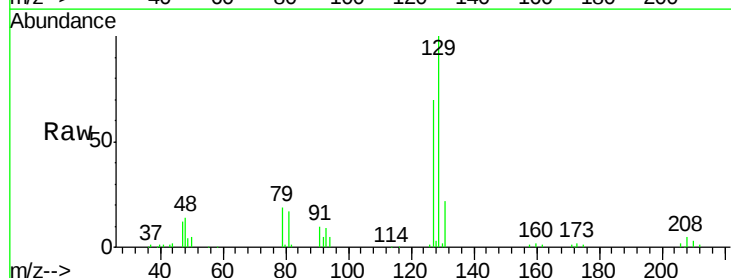
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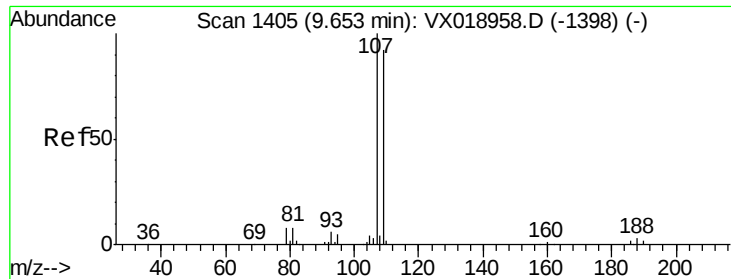
MMDadoda
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#60
Dibromochloromethane
Concen: 18.833 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion: 129 Resp: 22570
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.407 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion:107 Resp: 22765

Ion Ratio Lower Upper

107 100

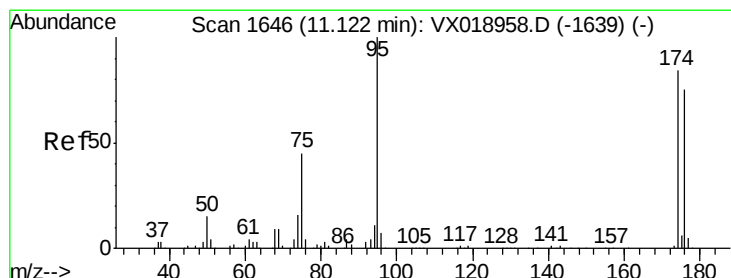
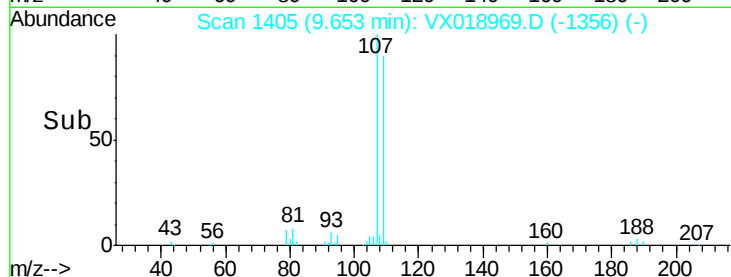
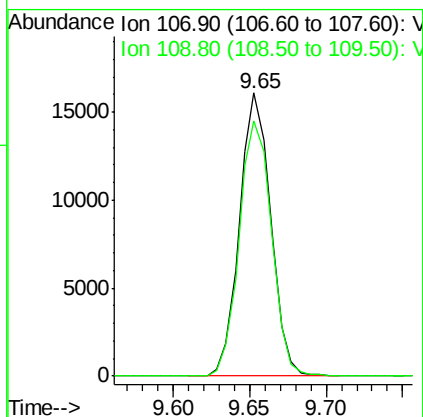
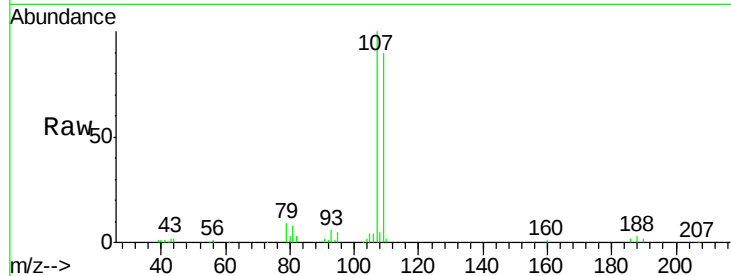
109 93.4 75.2 112.8

Manual Integrations

APPROVED

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#62

4-Bromofluorobenzene

Concen: 47.896 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

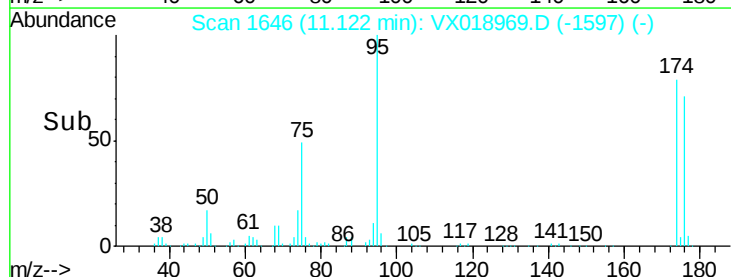
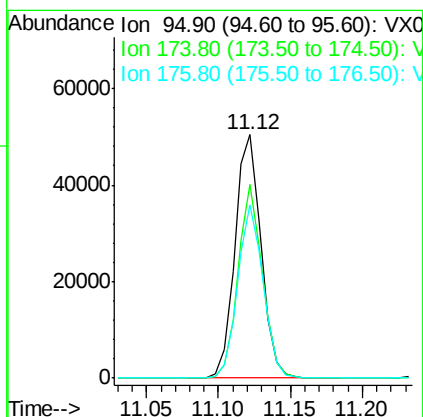
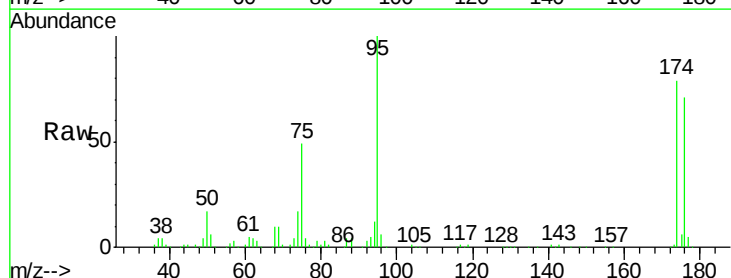
Tgt Ion: 95 Resp: 63611

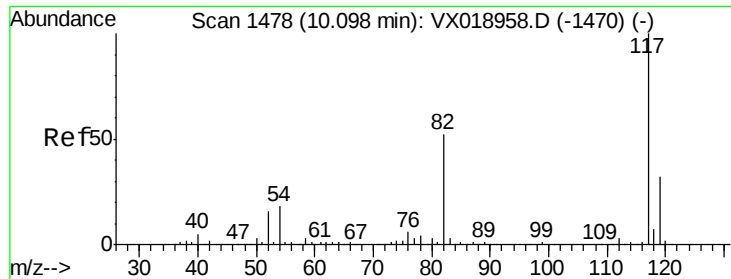
Ion Ratio Lower Upper

95 100

174 73.9 0.0 164.6

176 69.2 0.0 154.6





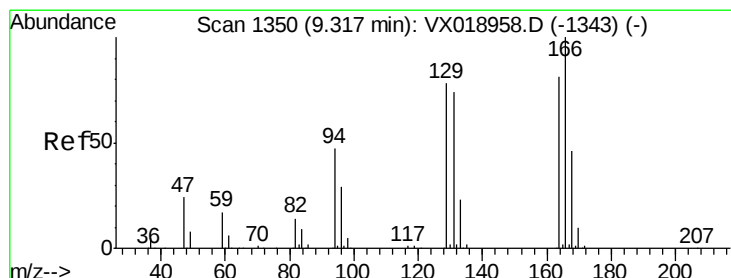
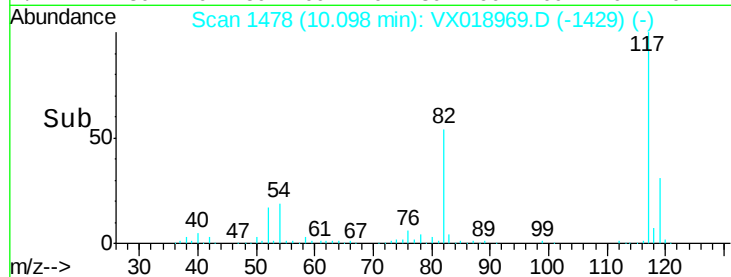
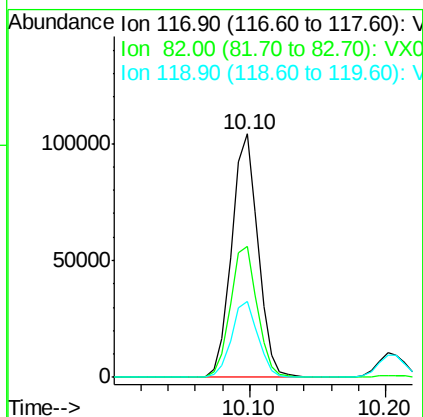
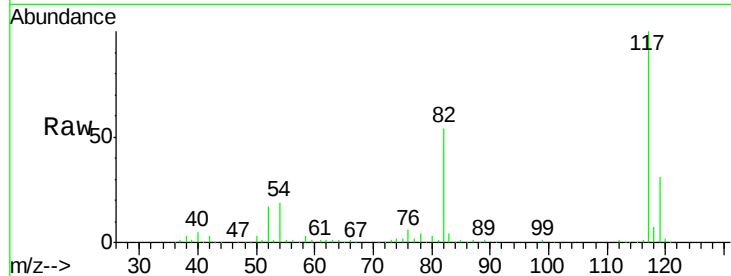
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.6	62.4
119	31.2	25.4	38.2

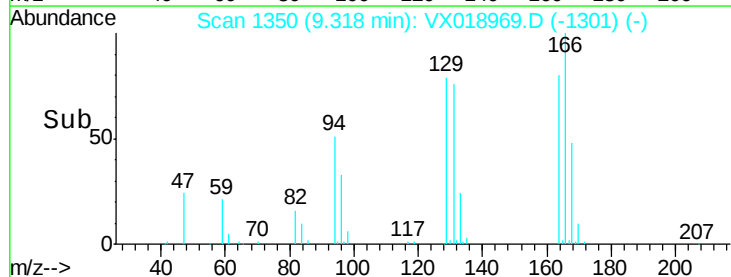
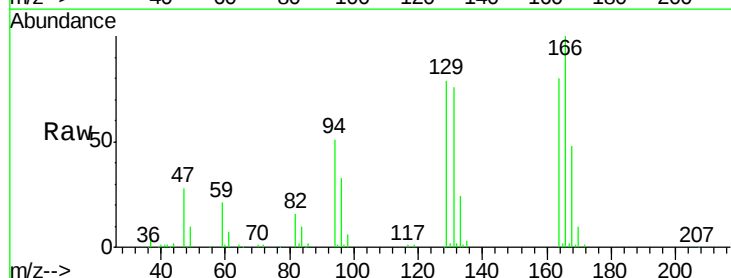
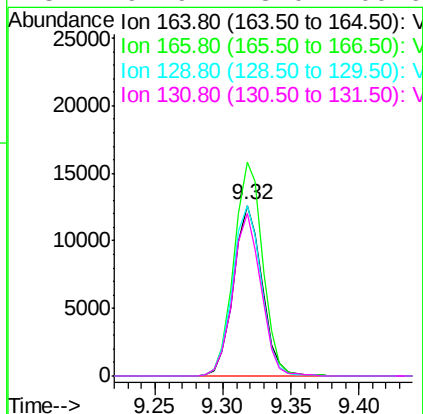
Manual Integrations
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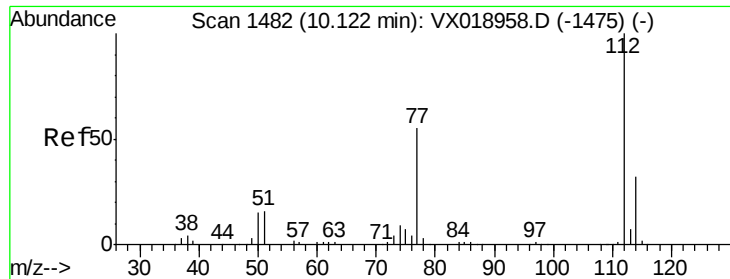
MMDadoda
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#64
Tetrachloroethene
Concen: 18.547 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	98.9	148.3
129	99.4	77.0	115.4
131	94.9	73.0	109.6





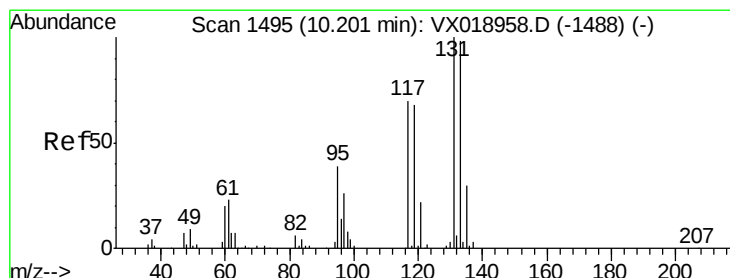
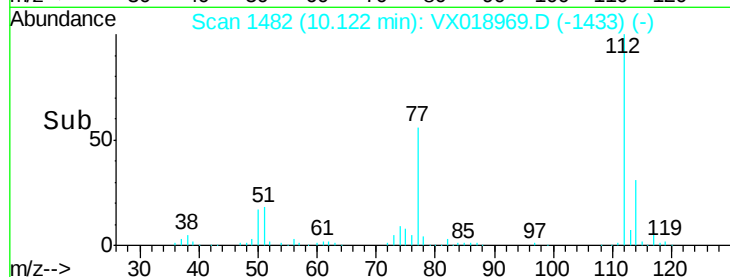
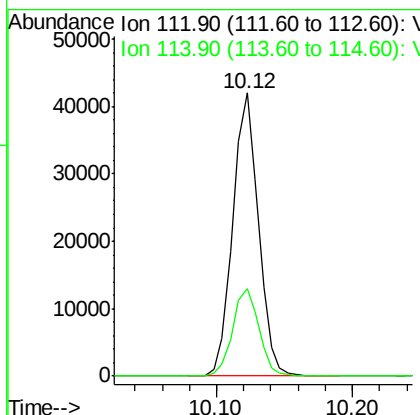
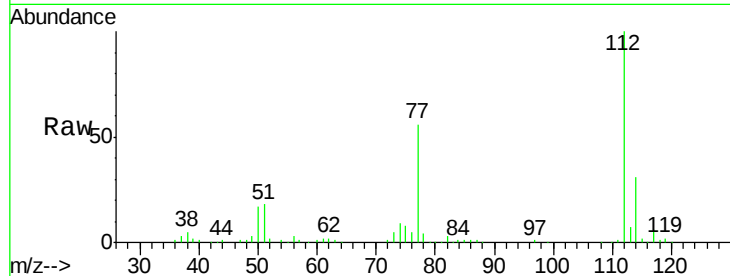
#65
Chlorobenzene
Concen: 18.848 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion:112 Resp: 55208
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4

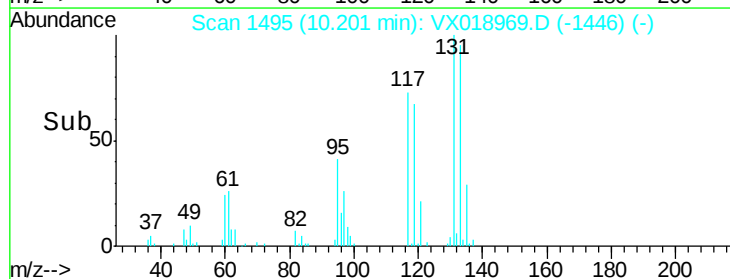
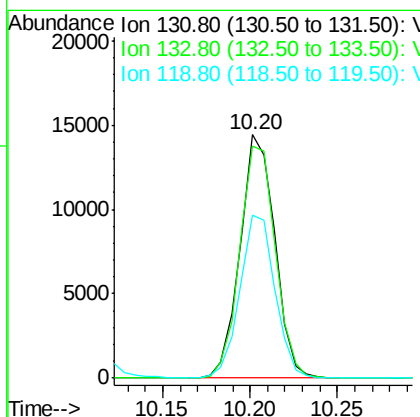
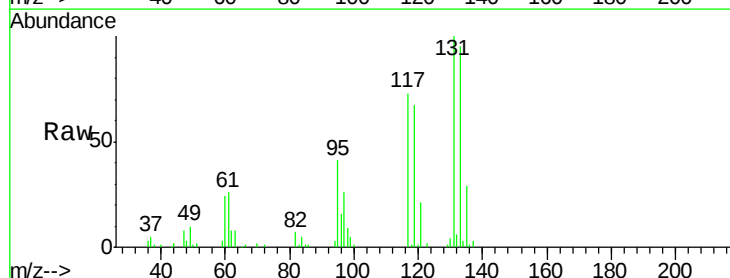
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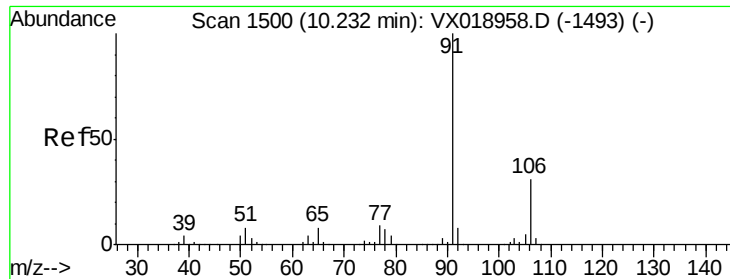
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.484 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion:131 Resp: 19867
Ion Ratio Lower Upper
131 100
133 98.2 47.4 142.2
119 67.9 33.5 100.4





#67

Ethyl Benzene

Concen: 19.266 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 91 Resp: 97992

Ion Ratio Lower Upper

91 100

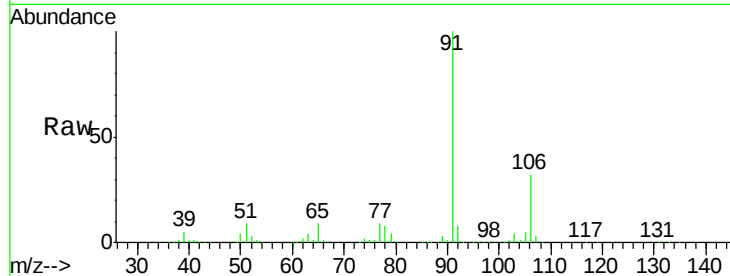
106 31.7 24.7 37.1

Manual Integrations

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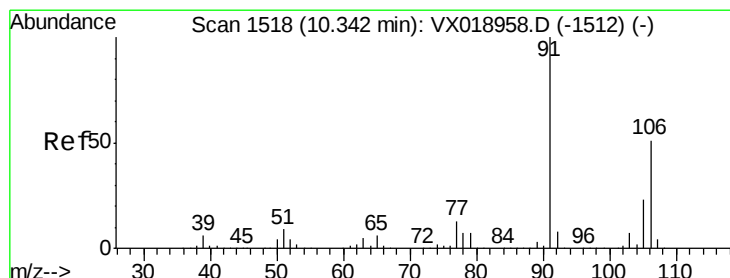
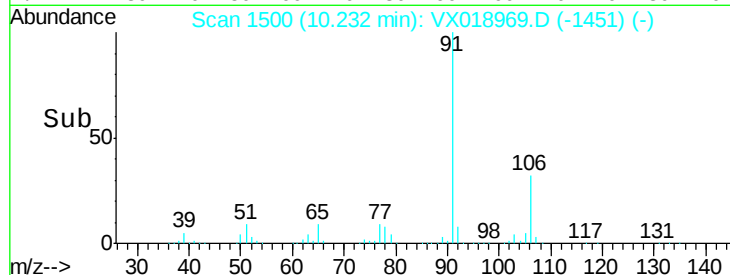
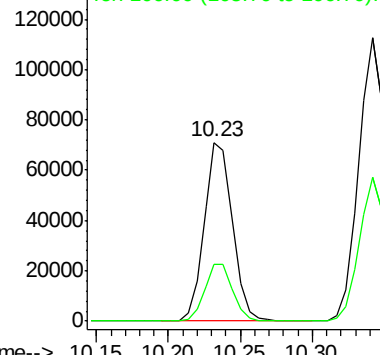
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.804 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018969.D

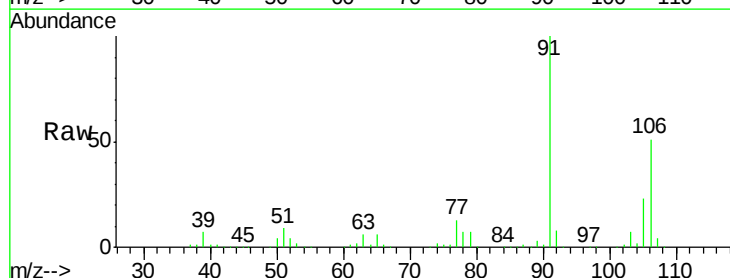
Acq: 19 Oct 2020 22:31

Tgt Ion: 106 Resp: 74524

Ion Ratio Lower Upper

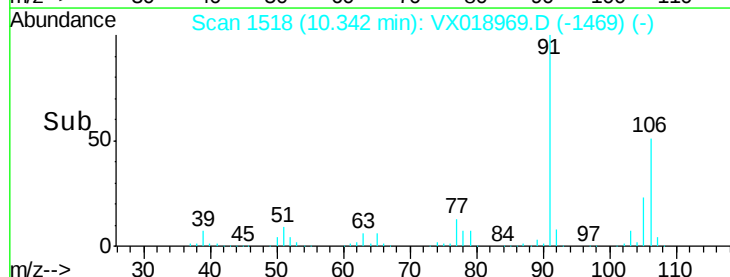
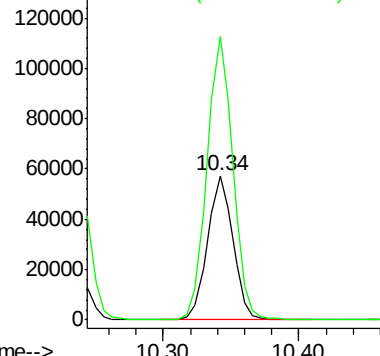
106 100

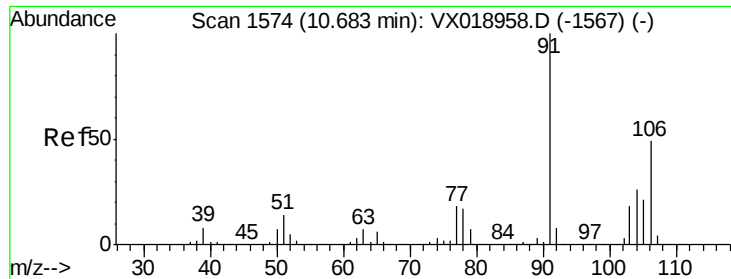
91 200.3 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





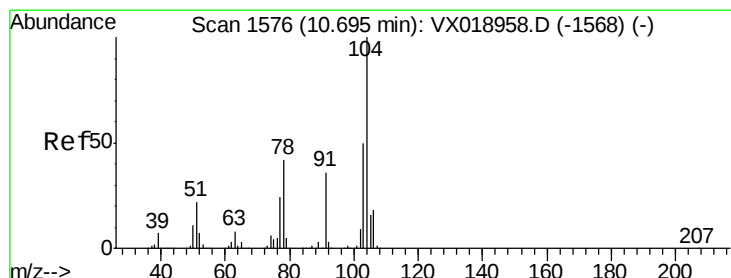
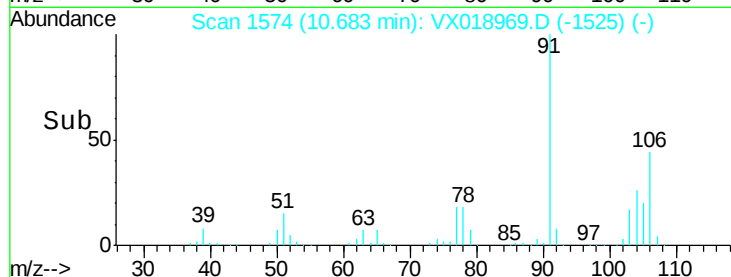
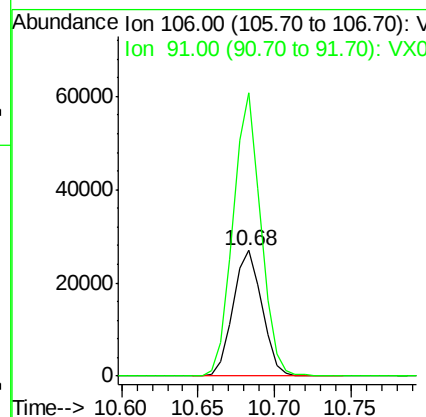
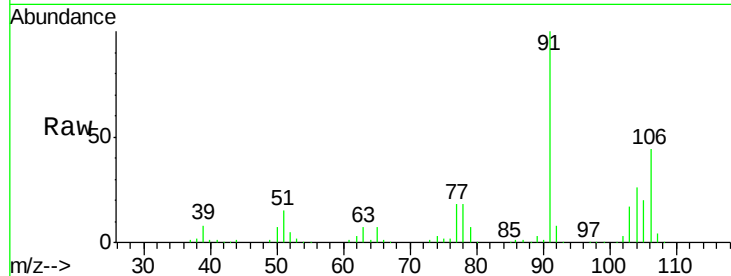
#69
o-Xylene
Concen: 18.675 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion:106 Resp: 35522
Ion Ratio Lower Upper
106 100
91 214.9 102.4 307.1

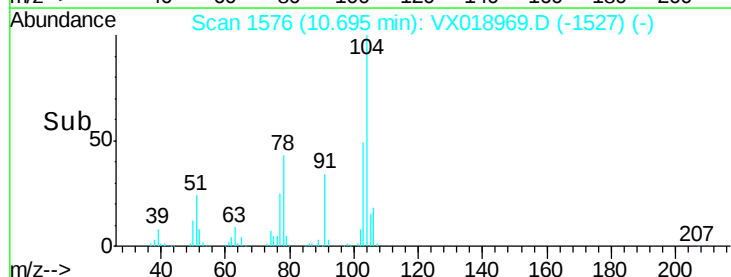
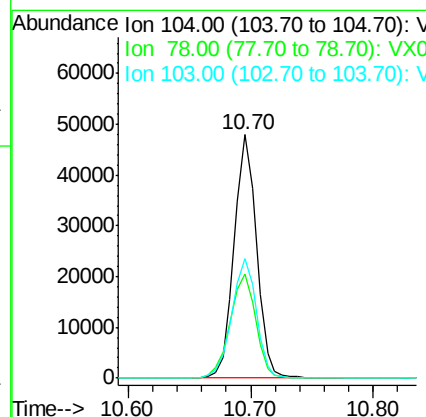
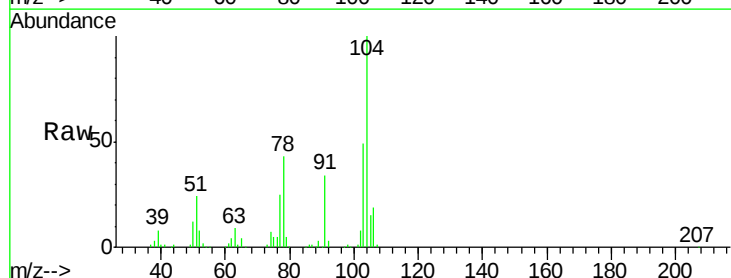
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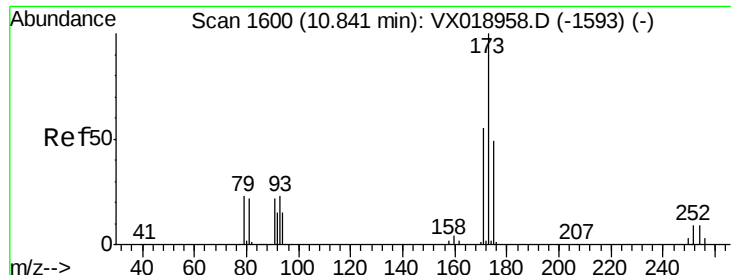
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#70
Styrene
Concen: 18.932 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion:104 Resp: 60563
Ion Ratio Lower Upper
104 100
78 49.3 37.9 56.9
103 54.1 43.7 65.5





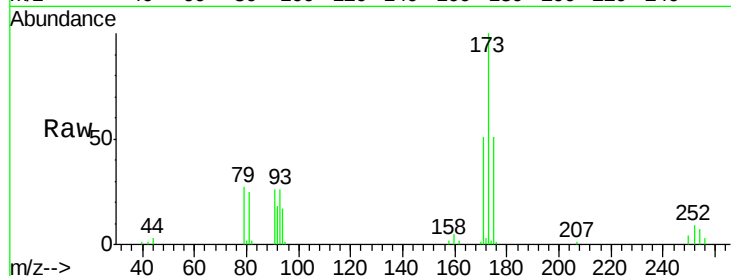
#71
Bromoform
Concen: 17.057 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

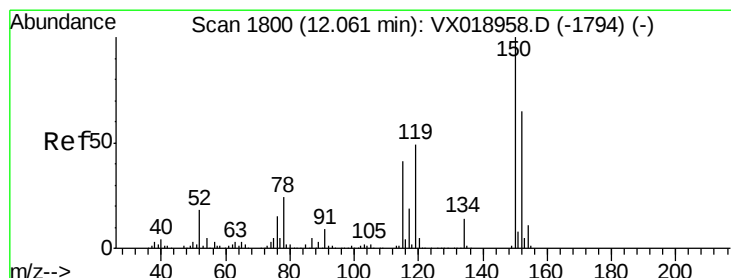
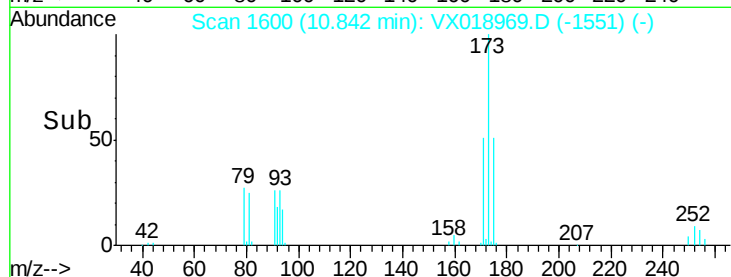
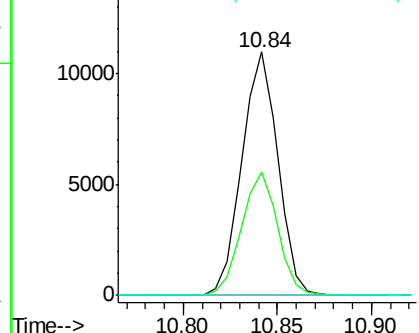
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations
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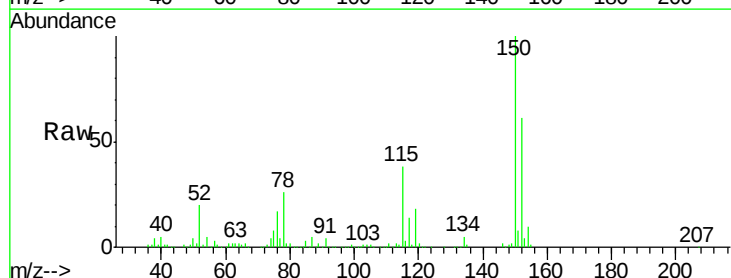


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

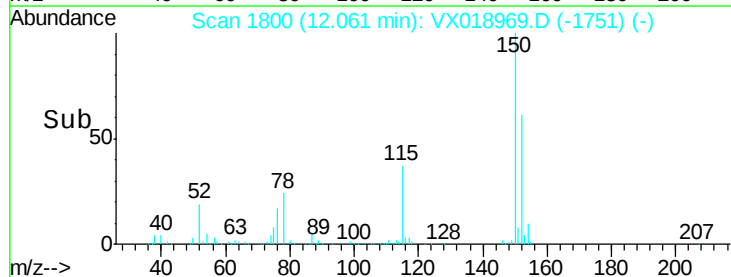
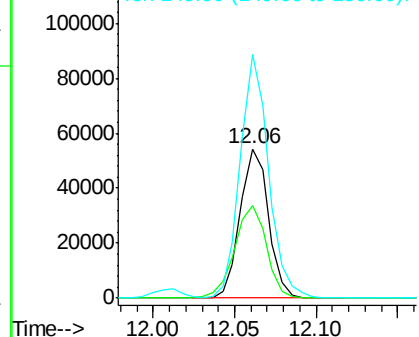


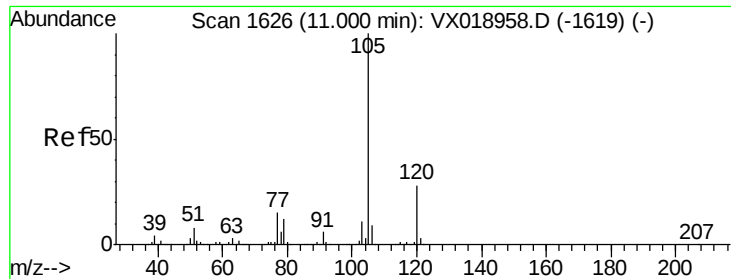
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.4	40.8	122.2
150	164.1	0.0	352.0



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





#73

Isopropylbenzene

Concen: 19.903 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 105 Resp: 94951

Ion Ratio Lower Upper

105 100

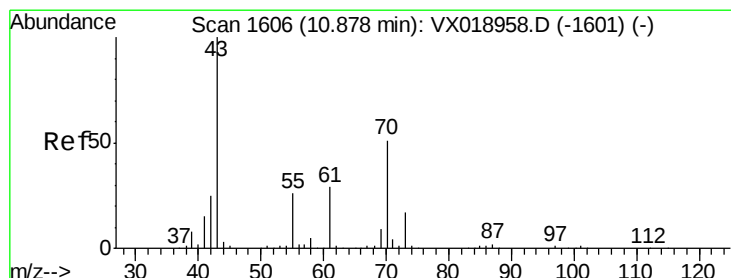
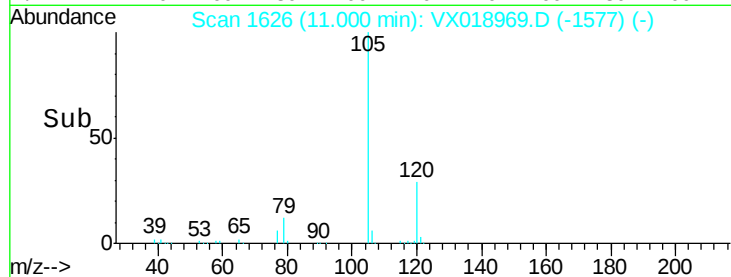
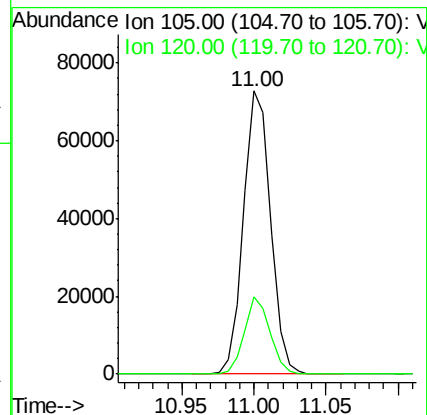
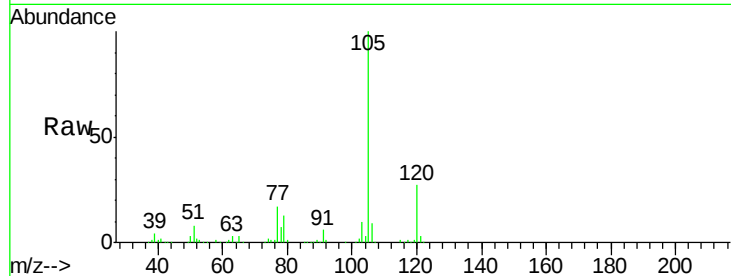
120 25.9 13.9 41.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.306 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion: 43 Resp: 36363

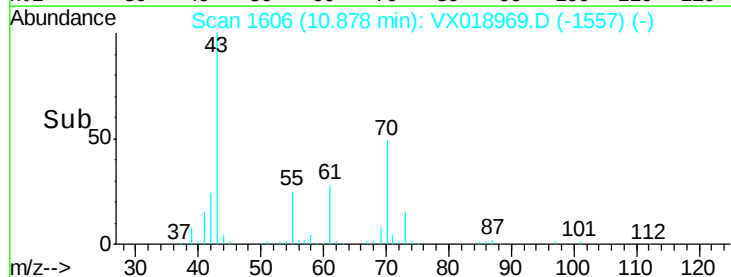
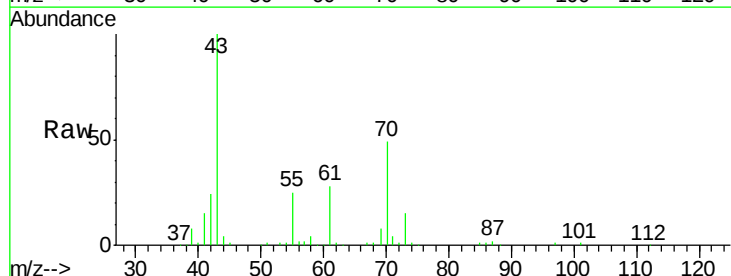
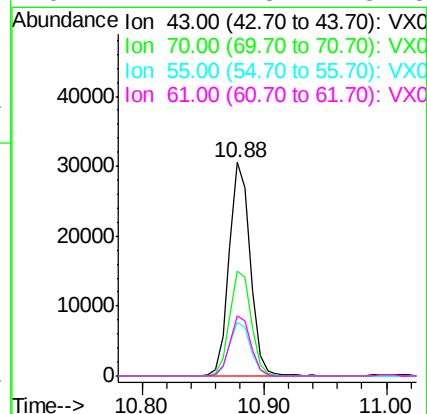
Ion Ratio Lower Upper

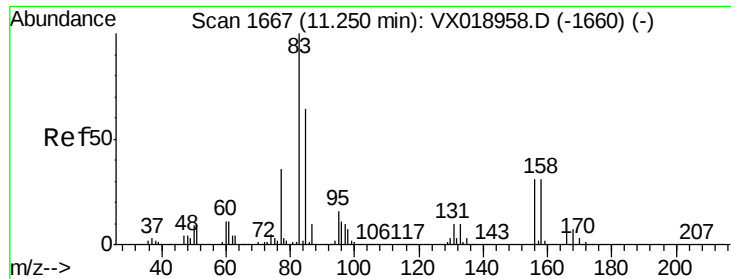
43 100

70 50.0 42.4 63.6

55 25.7 21.0 31.6

61 27.7 23.2 34.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.123 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

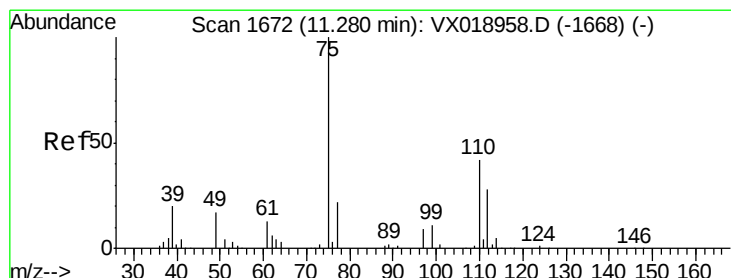
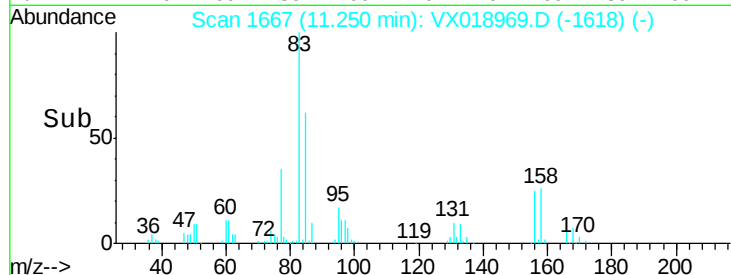
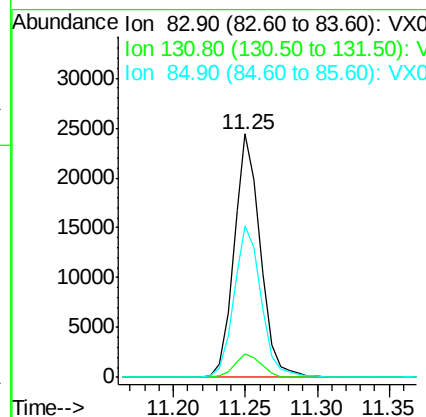
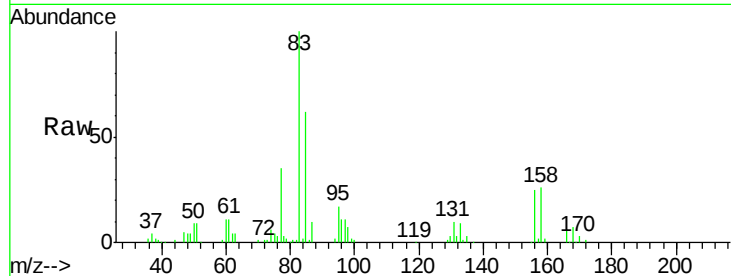
ClientSampleId :

VX1019WBS01

Tot Ion:	83	Resp:	31277
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.9
85	64.0	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 20.322 ug/l m

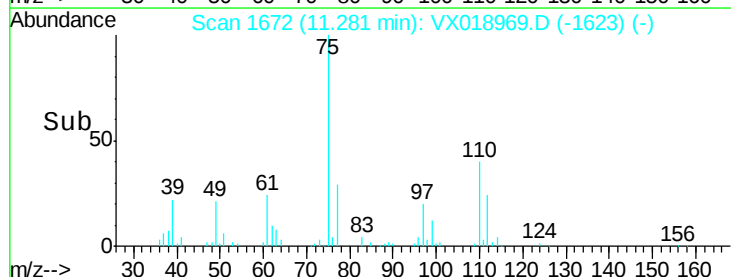
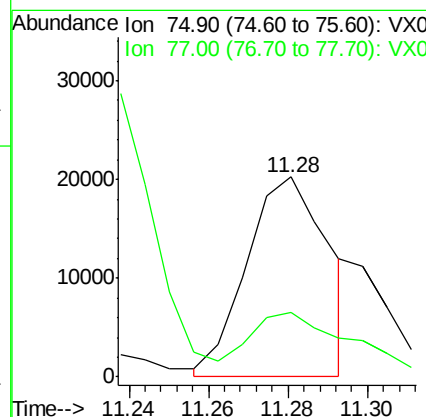
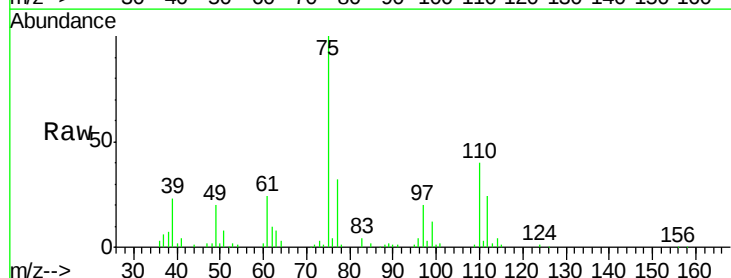
RT: 11.28 min Scan# 1672

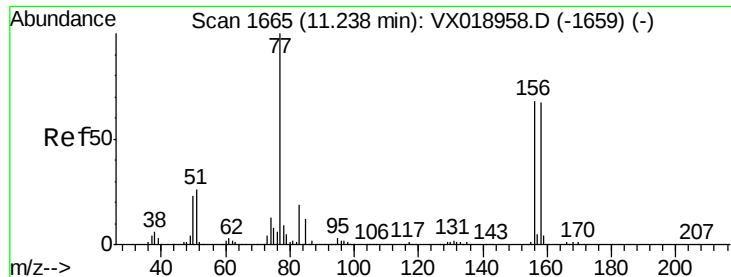
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	75	Resp:	29080
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.1	63.1





#77

Bromobenzene

Concen: 18.781 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

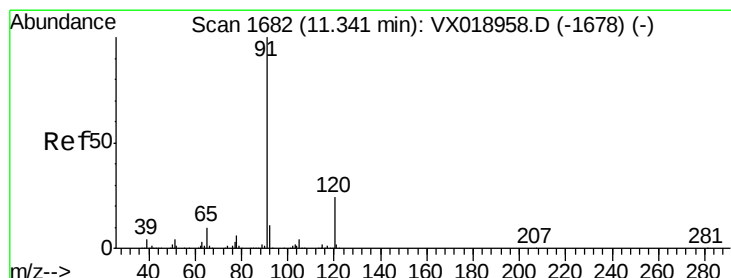
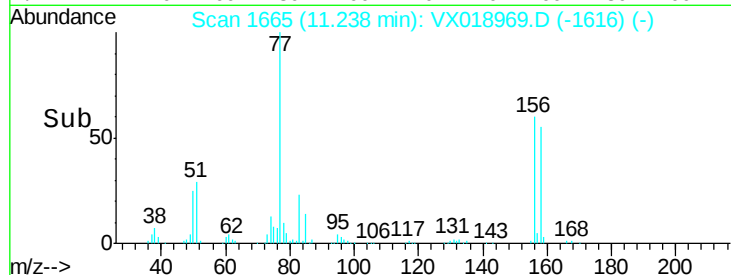
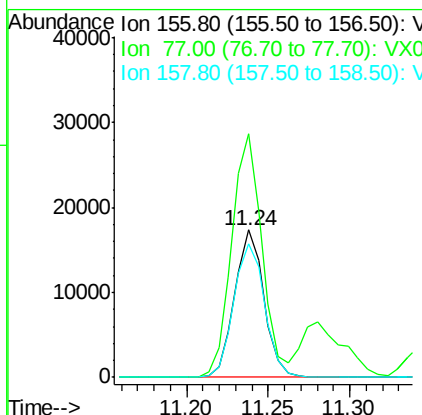
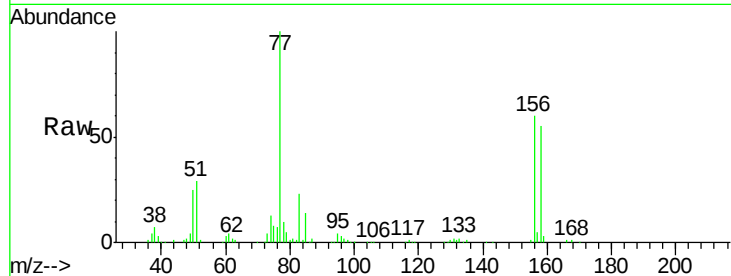
ClientSampleId :

VX1019WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		21712		
77	170.1	77.4	232.2		
158	95.9	50.6	151.9		

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#78

n-propylbenzene

Concen: 19.851 ug/l

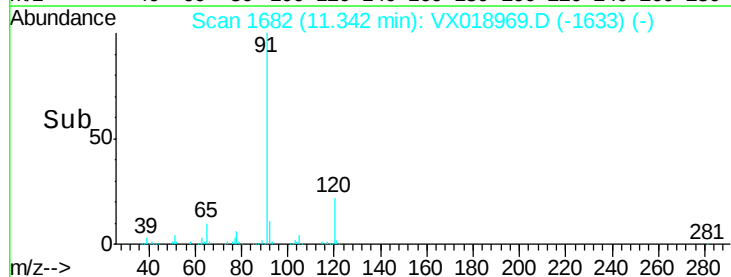
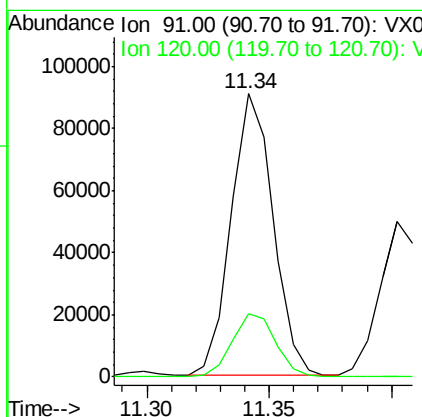
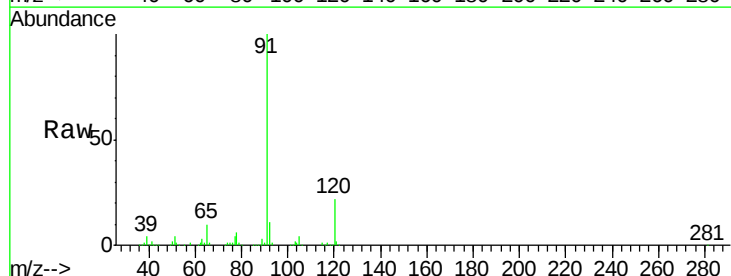
RT: 11.34 min Scan# 1682

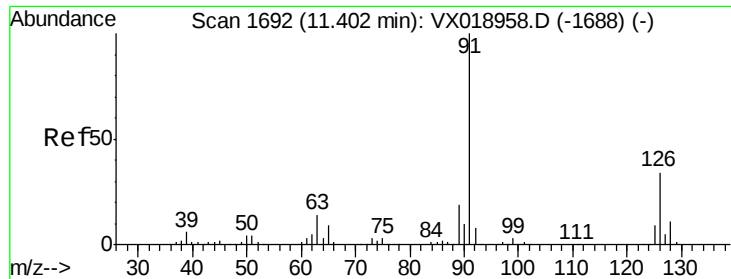
Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		108267		
120	23.1	12.2	36.4		





#79

2-Chlorotoluene

Concen: 19.642 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBS01

Tot Ion: 91 Resp: 62528

Ion Ratio Lower Upper

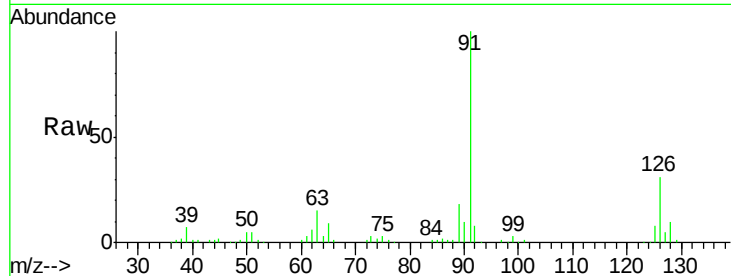
91 100

126 33.3 17.6 52.9

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Abundance Ion 91.00 (90.70 to 91.70): VX018958.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018958.D (-1688) (-)

80000

60000

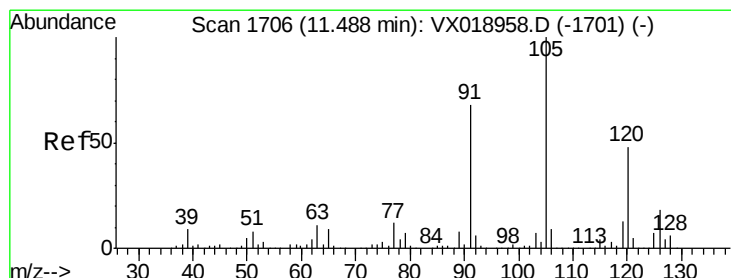
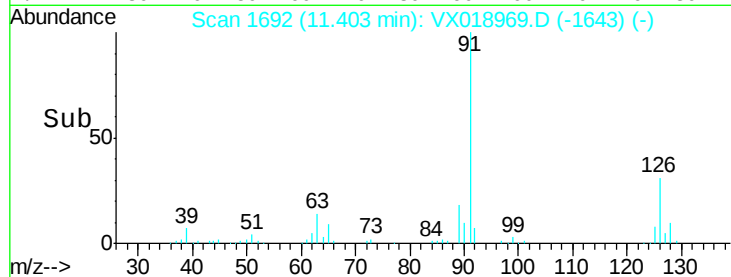
40000

20000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.782 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX018969.D

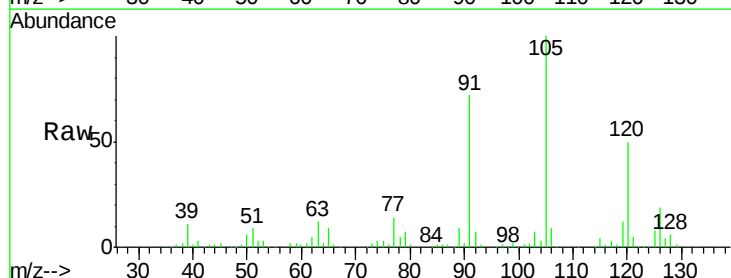
Acq: 19 Oct 2020 22:31

Tgt Ion: 105 Resp: 78765

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX018958.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018958.D (-1701) (-)

60000

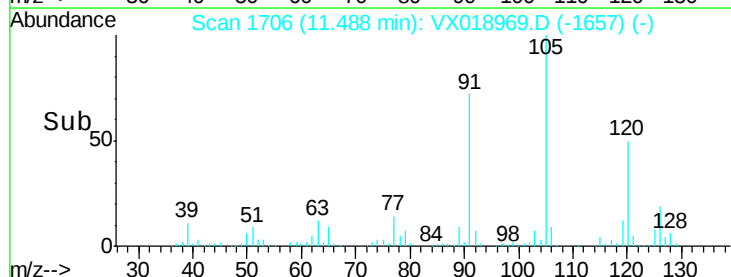
40000

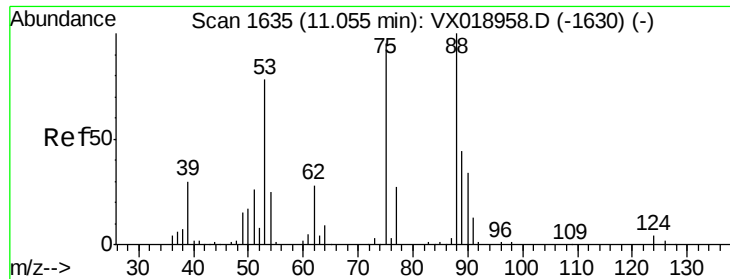
20000

0

11.45 11.50 11.55

Time-->





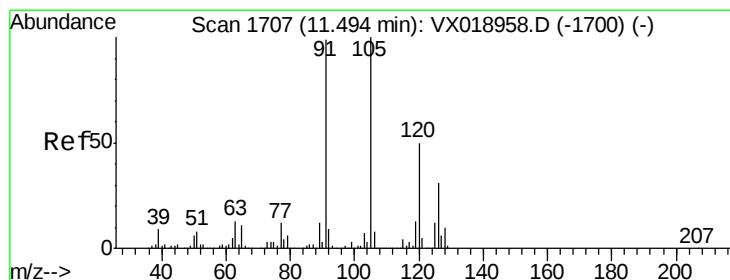
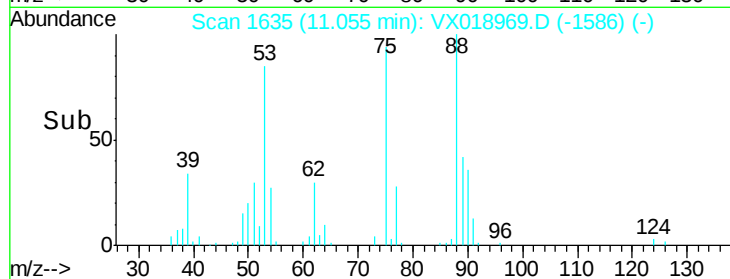
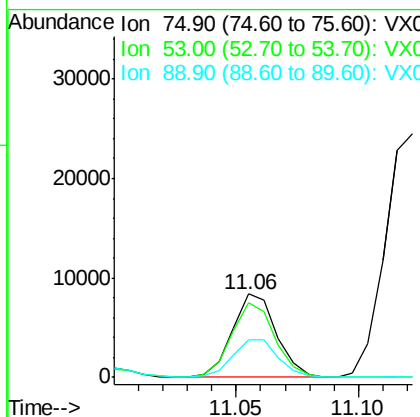
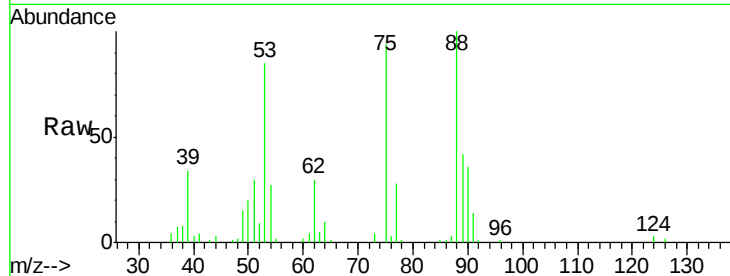
#81
trans-1,4-Dichloro-2-butene
Concen: 18.601 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	64.2	96.2
89	46.5	38.6	58.0

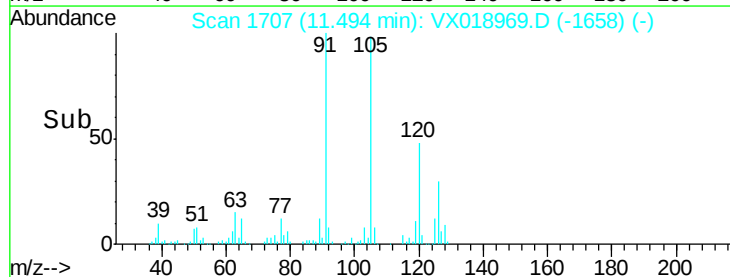
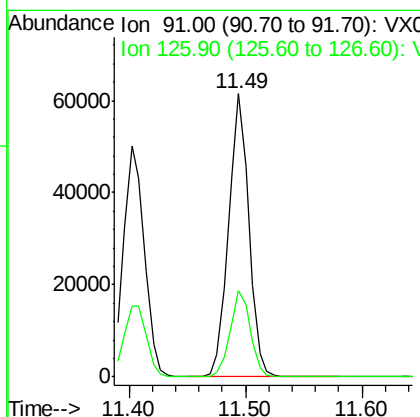
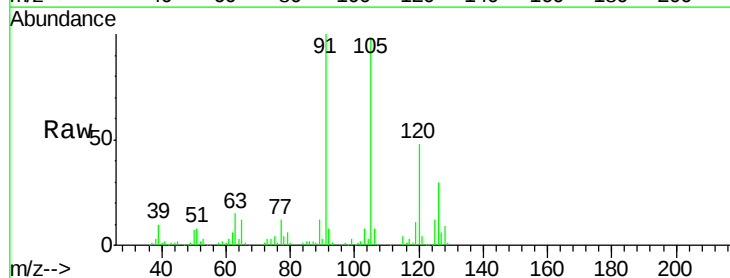
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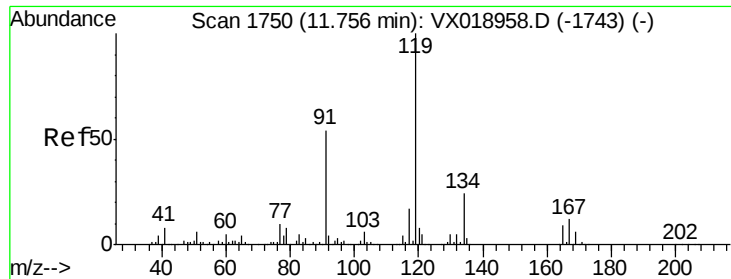
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#82
4-Chlorotoluene
Concen: 19.496 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.8	47.4





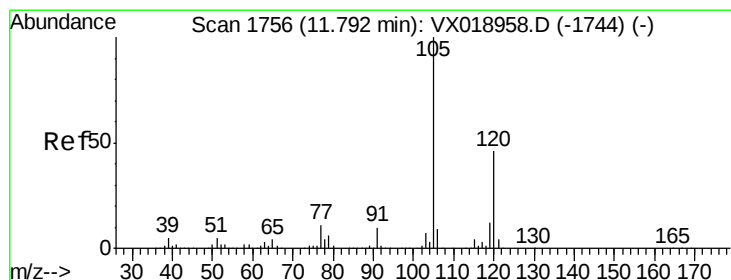
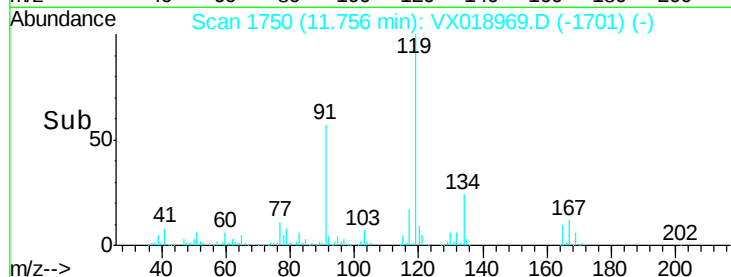
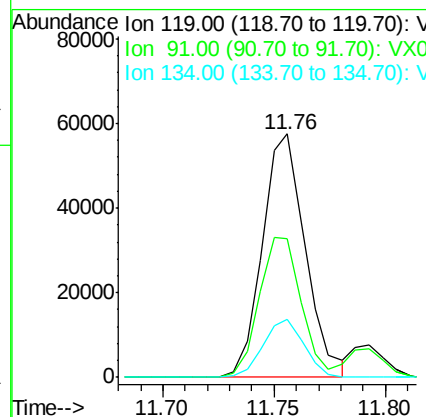
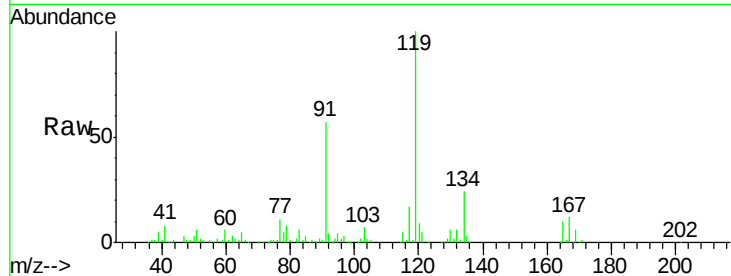
#83
 tert-Butylbenzene
 Concen: 19.428 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	77208		
91	56.4		27.2	81.6
134	22.6		11.8	35.4

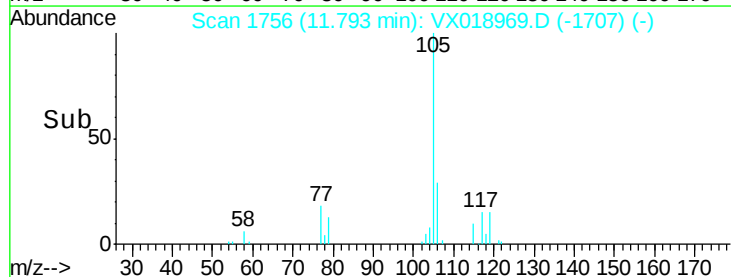
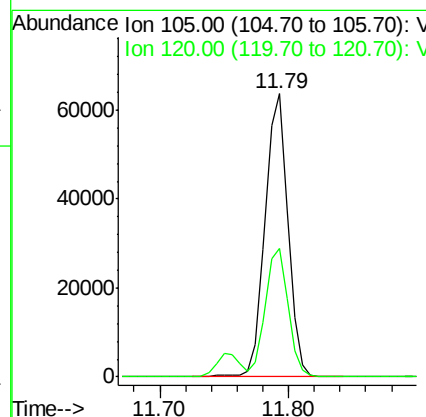
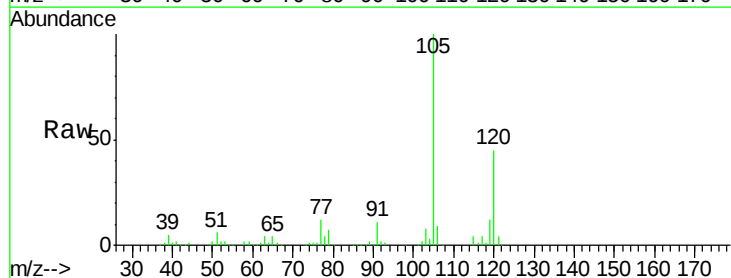
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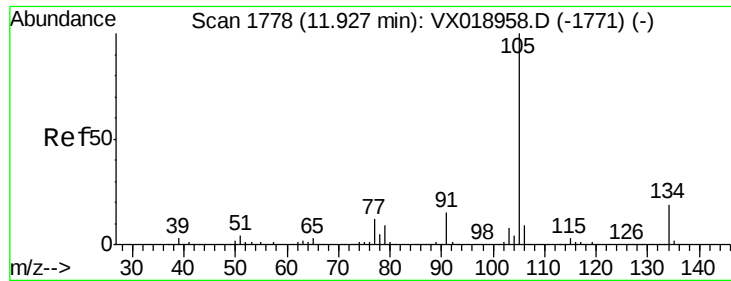
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.630 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	78085		
120	45.3		22.9	68.5





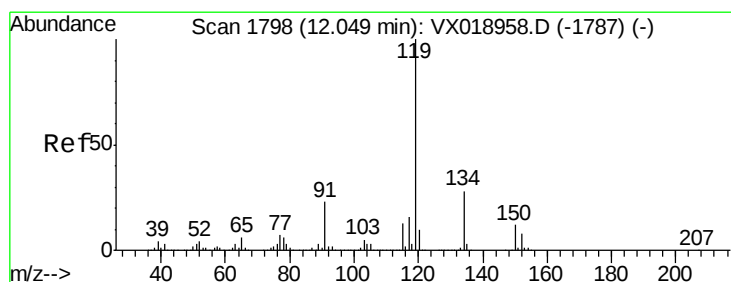
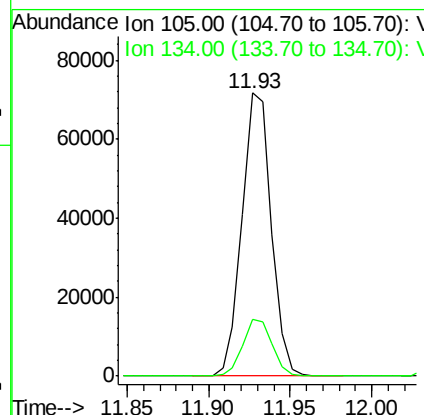
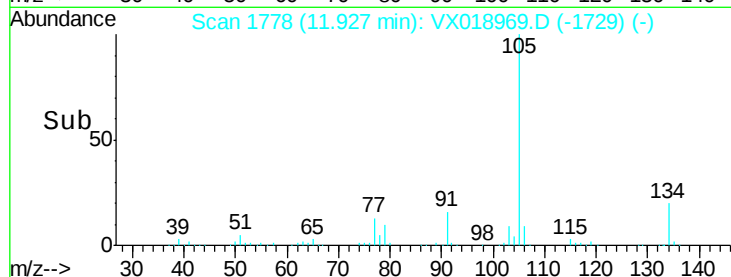
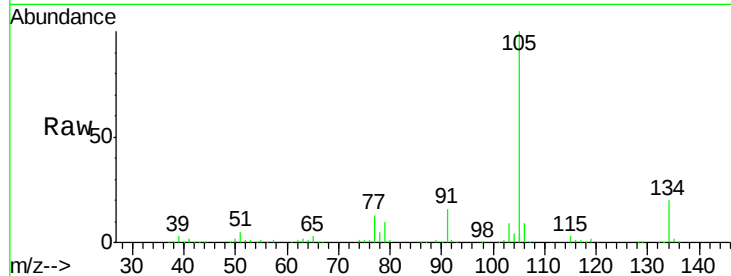
#85
 sec-Butylbenzene
 Concen: 19.248 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.3	30.8

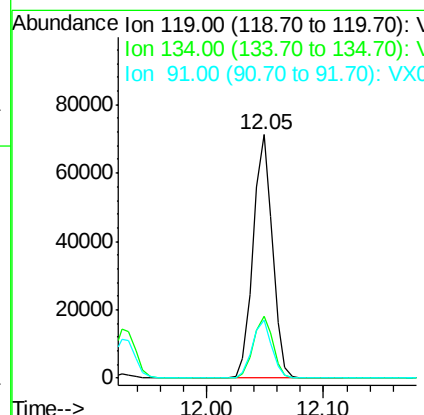
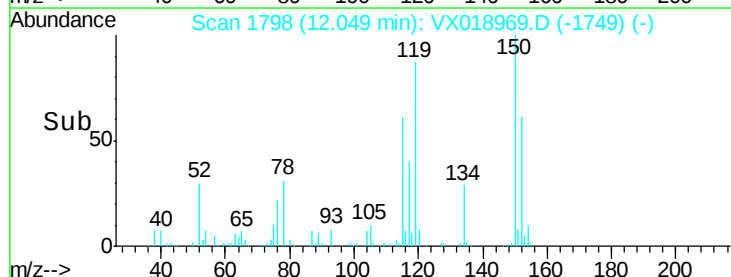
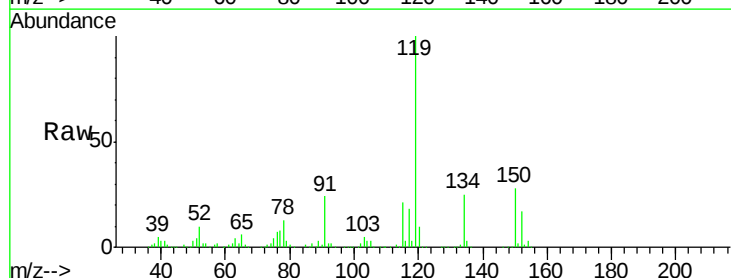
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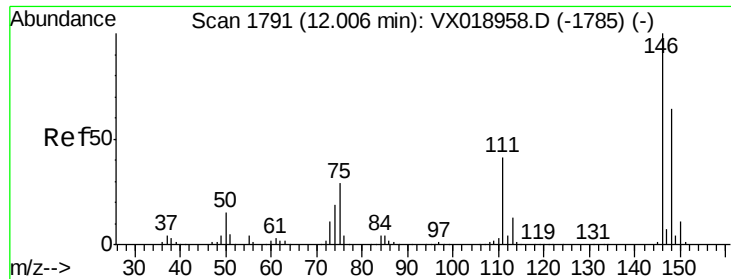
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#86
 p-Isopropyltoluene
 Concen: 19.350 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.8	41.4
91	24.1	11.5	34.5





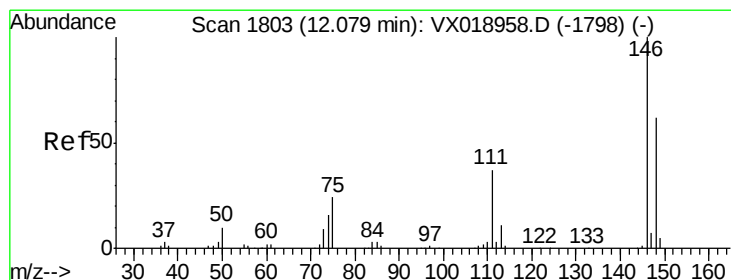
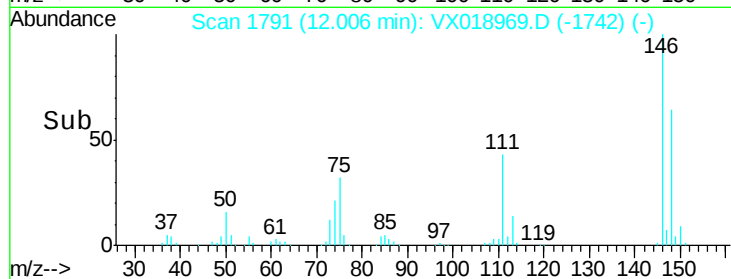
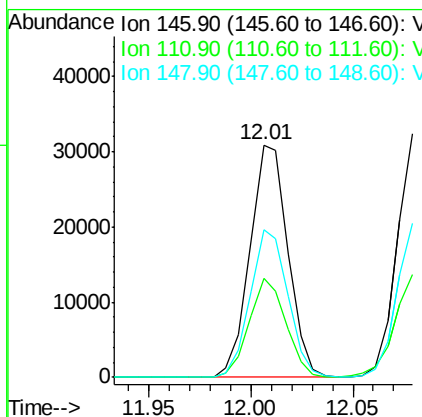
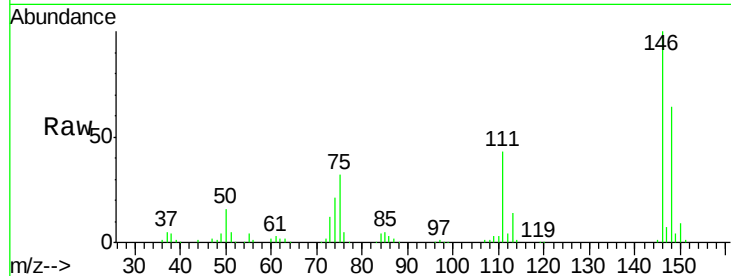
#87
 1,3-Dichlorobenzene
 Concen: 18.501 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.8	59.4
148	63.2	32.4	97.2

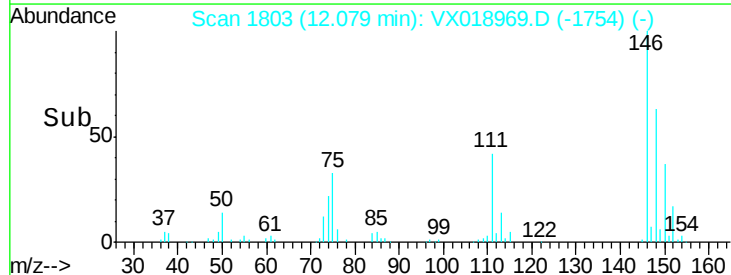
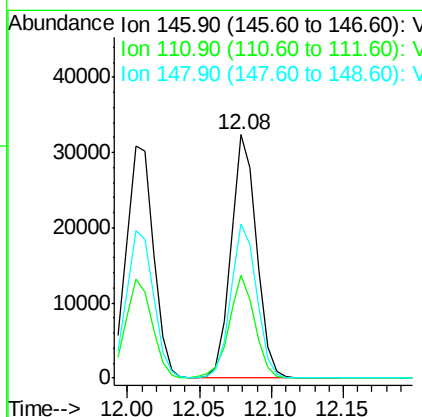
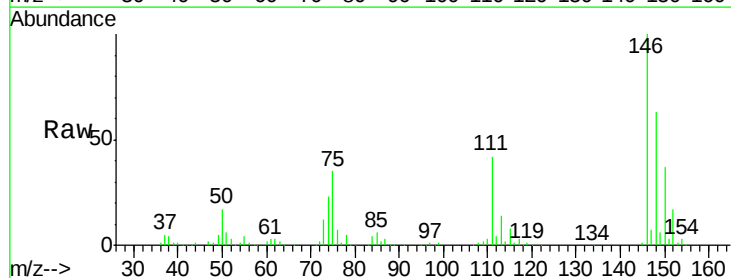
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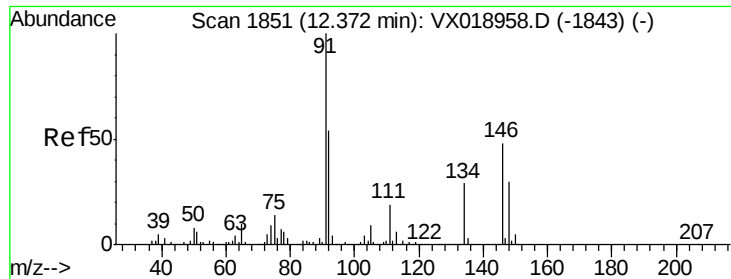
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#88
 1,4-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.8	56.3
148	64.1	31.7	95.1





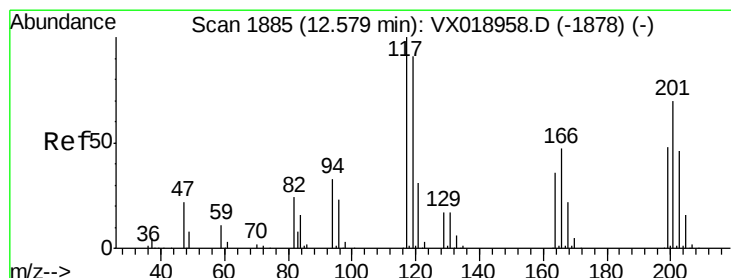
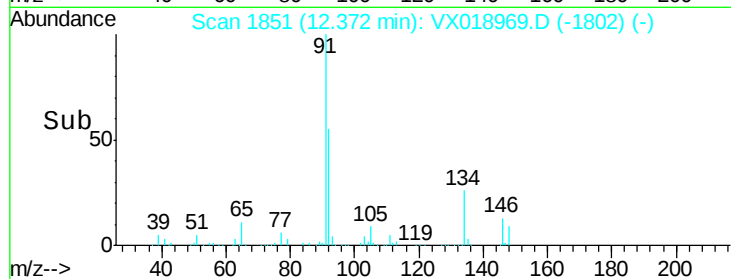
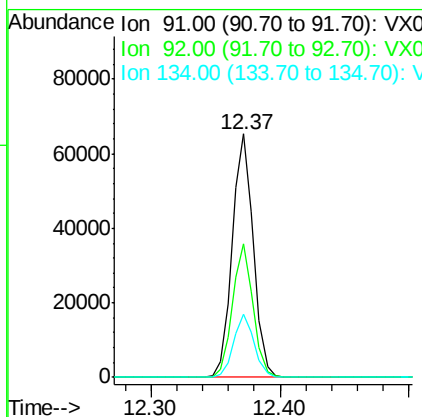
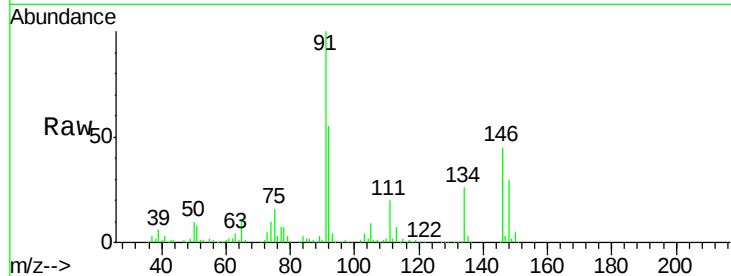
#89
n-Butylbenzene
Concen: 19.215 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.5
134	25.2	14.2	42.6

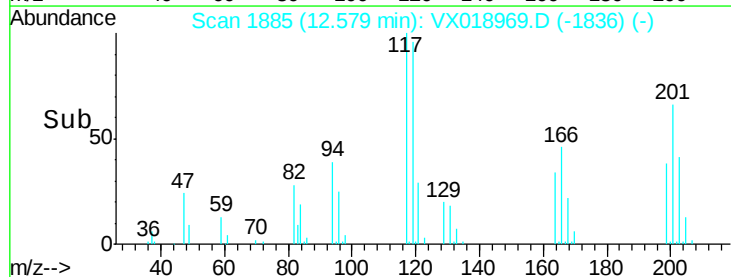
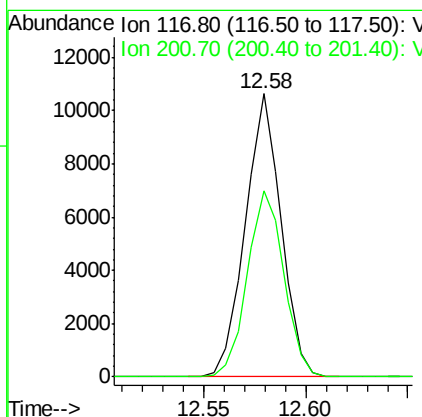
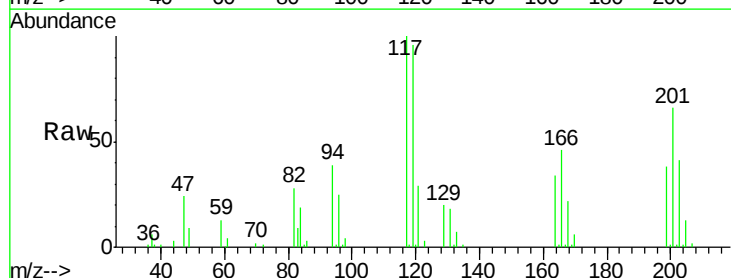
Manual Integrations
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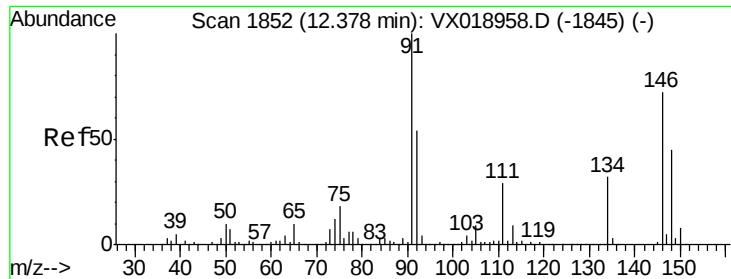
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#90
Hexachloroethane
Concen: 18.553 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018969.D
Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.2	36.9	110.7





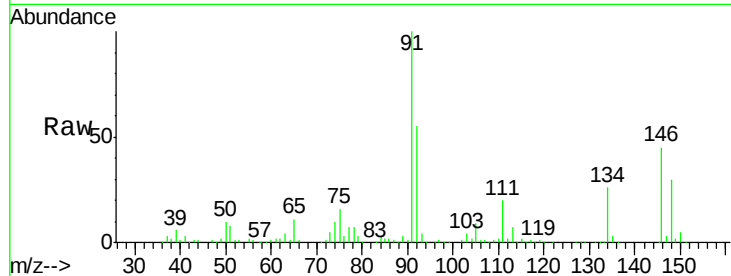
#91
 1,2-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

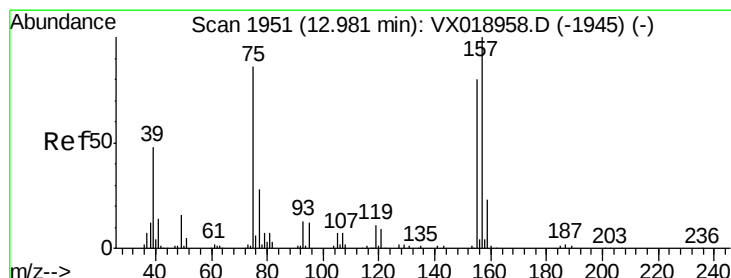
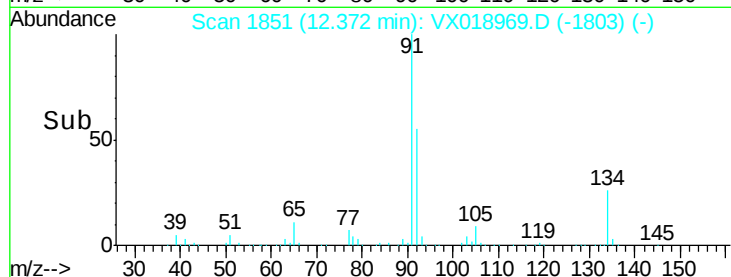
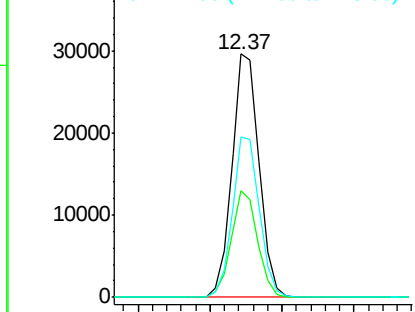
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.2	60.6
148	65.4	31.4	94.0

Manual Integrations
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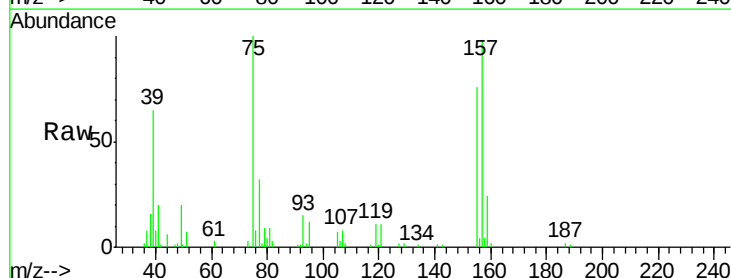


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

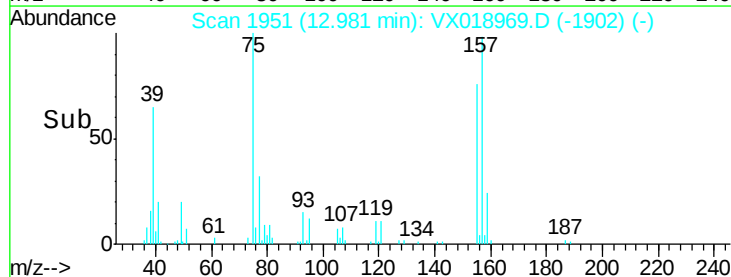
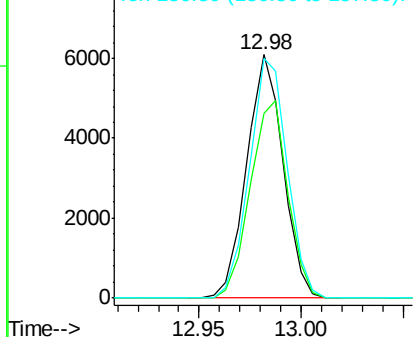


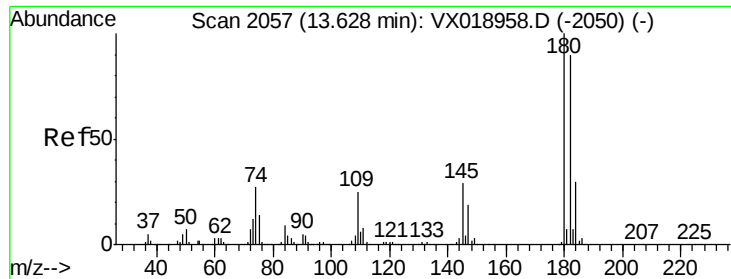
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.351 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	48.2	144.6
157	102.2	62.2	186.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





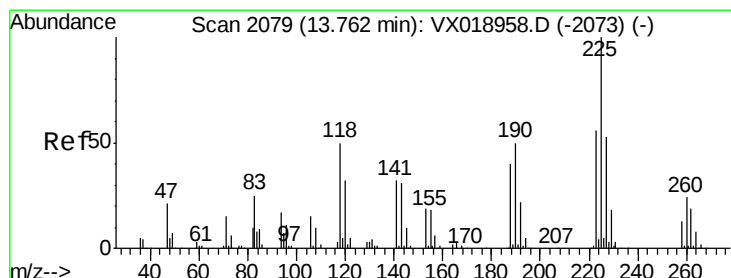
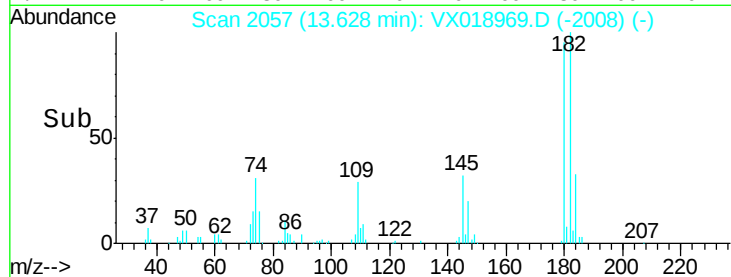
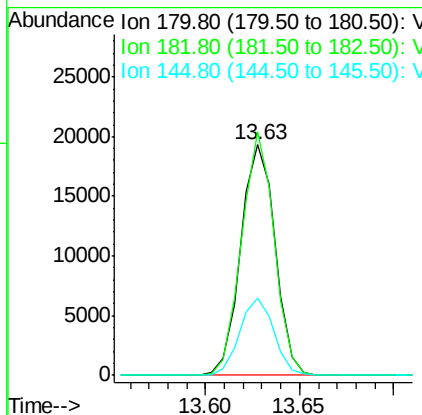
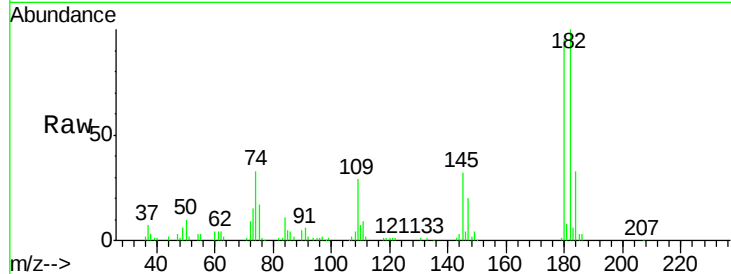
#93
 1,2,4-Trichlorobenzene
 Concen: 16.871 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Instrument :
 MSVOA_X
 ClientSampled :
 VX1019WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.3	46.3	138.9
145	33.3	15.5	46.5

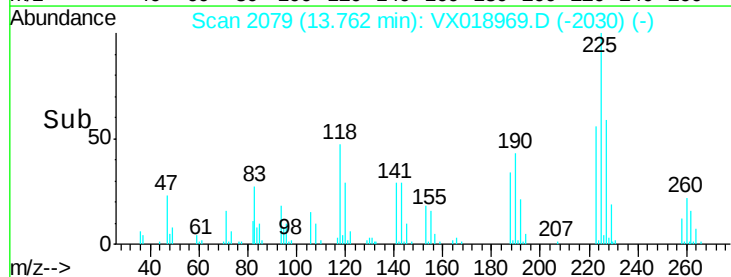
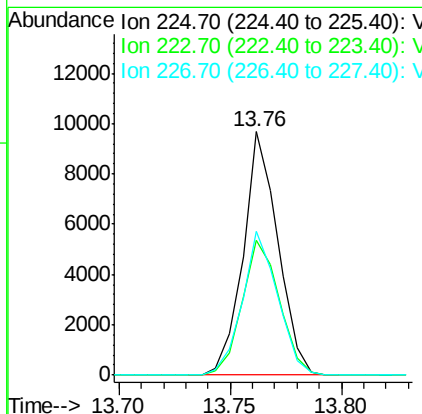
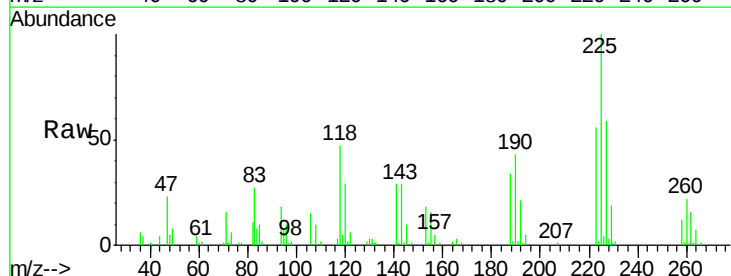
Manual Integrations
 APPROVED

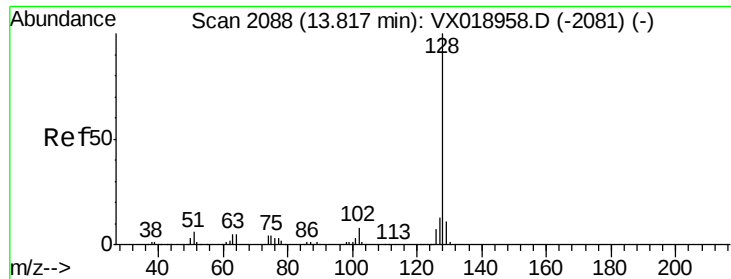
MMDadoda
 10/20/2020 4:52:48 PM



#94
 Hexachlorobutadiene
 Concen: 17.549 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018969.D
 Acq: 19 Oct 2020 22:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	31.4	94.0
227	60.2	30.9	92.8





#95

Naphthalene

Concen: 19.144 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Instrument :

MSVOA_X

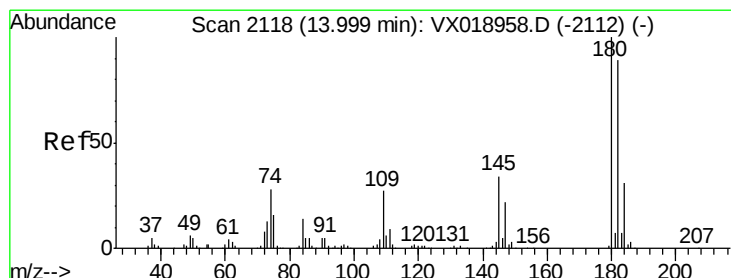
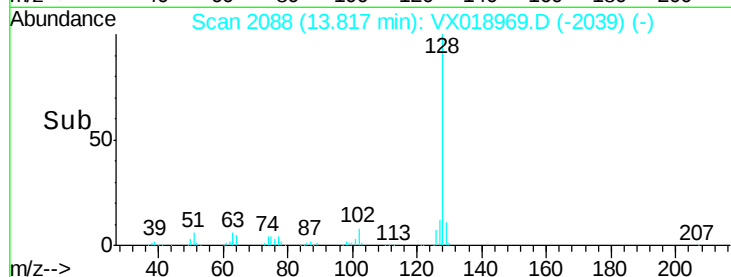
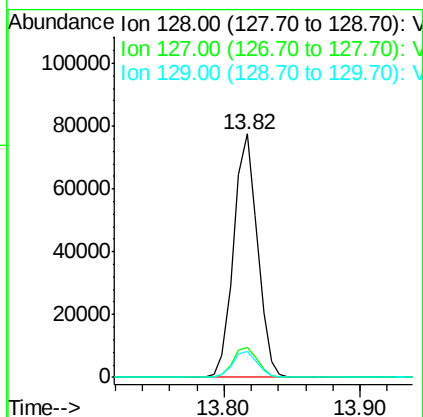
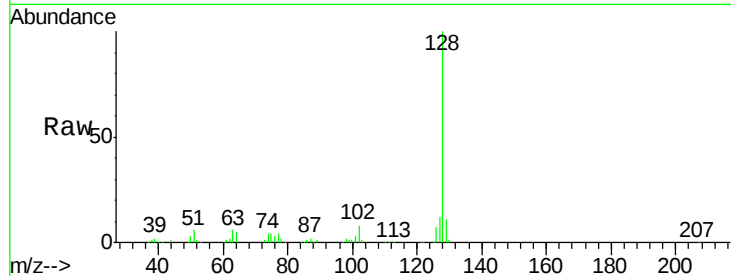
ClientSampleId :

VX1019WBS01

Tot Ion:	128	Resp:	94207
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/20/2020 4:52:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.636 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018969.D

Acq: 19 Oct 2020 22:31

Tgt Ion:	180	Resp:	24664
Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.6	139.7
145	34.8	17.0	51.0

