

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017372.D
 Acq On : 14 Jul 2020 12:40
 Operator : JC/SP
 Sample : VX0714WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:20 AM

Quant Time: Jul 15 01:45:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	287920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176900	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140007	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.70	98	511235	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.12	95	196294	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	49970	20.511	ug/l	96
3) Chloromethane	1.31	50	52289	19.064	ug/l	96
4) Vinyl Chloride	1.39	62	54277	20.003	ug/l	98
5) Bromomethane	1.63	94	38877	22.009	ug/l	97
6) Chloroethane	1.72	64	34195	19.965	ug/l	100
7) Trichlorofluoromethane	1.92	101	90086	19.671	ug/l	97
8) Diethyl Ether	2.17	74	32328	19.970	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50344	19.297	ug/l	95
10) Methyl Iodide	2.49	142	57540	18.225	ug/l	98
11) Tert butyl alcohol	3.01	59	59434	97.620	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49195	18.776	ug/l	97
13) Acrolein	2.27	56	26111	78.236	ug/l	99
14) Allyl chloride	2.71	41	88351	19.460	ug/l	98
15) Acrylonitrile	3.11	53	143527	97.247	ug/l	100
16) Acetone	2.42	43	122403	94.946	ug/l	99
17) Carbon Disulfide	2.55	76	149671	19.582	ug/l	100
18) Methyl Acetate	2.75	43	60462	18.988	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	179698	20.198	ug/l	98
20) Methylene Chloride	2.84	84	59495	18.915	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	58418	19.487	ug/l	97
22) Diisopropyl ether	3.82	45	179316	20.734	ug/l	96
23) Vinyl Acetate	3.78	43	777317	102.200	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99533	19.583	ug/l	99
25) 2-Butanone	4.64	43	194338	94.909	ug/l	99
26) 2,2-Dichloropropane	4.55	77	87864	18.575	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63000	19.164	ug/l	99
28) Bromochloromethane	4.98	49	46668	19.876	ug/l	99
29) Tetrahydrofuran	5.09	42	127444	96.151	ug/l	99
30) Chloroform	5.17	83	106687	19.510	ug/l	99
31) Cyclohexane	5.54	56	82683	19.872	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	97276	19.243	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75770	19.324	ug/l	99
37) Ethyl Acetate	4.79	43	78911	19.460	ug/l	97
38) Carbon Tetrachloride	5.75	117	90467	19.706	ug/l	96

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83397	19.585	ug/l	96
40) Benzene	6.11	78	225301	19.993	ug/l	100
41) Methacrylonitrile	5.00	41	42703	19.616	ug/l	99
42) 1,2-Dichloroethane	6.16	62	88101	20.123	ug/l	100
43) Isopropyl Acetate	6.41	43	126438	19.513	ug/l	99
44) Trichloroethene	7.18	130	66509	19.322	ug/l	95
45) 1,2-Dichloropropane	7.49	63	58154	20.169	ug/l	96
46) Dibromomethane	7.63	93	42594	20.482	ug/l	97
47) Bromodichloromethane	7.87	83	86874	19.982	ug/l	99
48) Methyl methacrylate	7.74	41	61093	19.648	ug/l	100
49) 1,4-Dioxane	7.71	88	26548	417.212	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	391322	99.045	ug/l	99
52) Toluene	8.76	92	146609	20.274	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	92520	19.753	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	99689	19.955	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	61240	20.309	ug/l	95
56) Ethyl methacrylate	9.16	69	83187	19.431	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98214	19.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	219536	100.994	ug/l	99
59) 2-Hexanone	9.47	43	287519	96.418	ug/l	99
60) Dibromochloromethane	9.56	129	71196	19.326	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65526	19.975	ug/l	99
64) Tetrachloroethene	9.32	164	69978	19.798	ug/l	98
65) Chlorobenzene	10.12	112	160227	19.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	64826	19.619	ug/l	99
67) Ethyl Benzene	10.23	91	271409	19.645	ug/l	96
68) m/p-Xylenes	10.34	106	210180	39.983	ug/l	100
69) o-Xylene	10.68	106	98262	19.562	ug/l	99
70) Styrene	10.70	104	171553	19.897	ug/l	99
71) Bromoform	10.84	173	54726	19.628	ug/l #	97
73) Isopropylbenzene	11.00	105	270591	19.435	ug/l	99
74) N-amyl acetate	10.88	43	107226	19.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84545	20.000	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	81803m	19.932	ug/l	
77) Bromobenzene	11.24	156	75082	18.934	ug/l	96
78) n-propylbenzene	11.34	91	308124	19.705	ug/l	100
79) 2-Chlorotoluene	11.40	91	185904	19.293	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	233746	19.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28916	17.873	ug/l	97
82) 4-Chlorotoluene	11.49	91	225305	19.729	ug/l	100
83) tert-Butylbenzene	11.76	119	222197	19.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	234580	19.647	ug/l	100
85) sec-Butylbenzene	11.93	105	259101	19.371	ug/l	100
86) p-Isopropyltoluene	12.05	119	249434	19.709	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	137353	19.362	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140102	19.549	ug/l	98
89) n-Butylbenzene	12.37	91	210888	19.538	ug/l	99
90) Hexachloroethane	12.58	117	47640	19.828	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	130025	19.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19551	17.527	ug/l	96

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ClientSampleId :
VX0714WBSD01

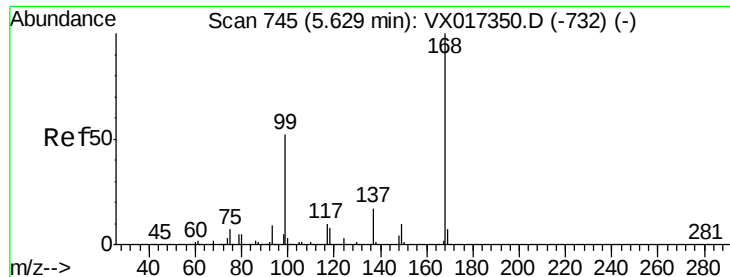
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86634	18.721	ug/l	98
94) Hexachlorobutadiene	13.76	225	36573	19.380	ug/l	99
95) Naphthalene	13.82	128	257677	18.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83598	18.702	ug/l	99

(#) = 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: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion:168 Resp: 287920

Ion Ratio Lower Upper

168 100

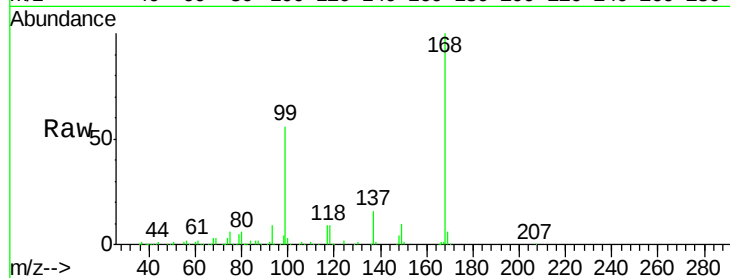
99 55.9 41.6 62.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

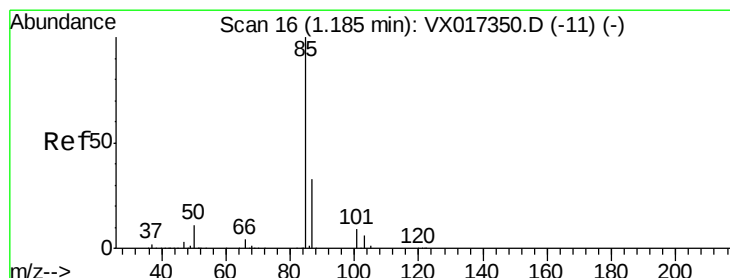
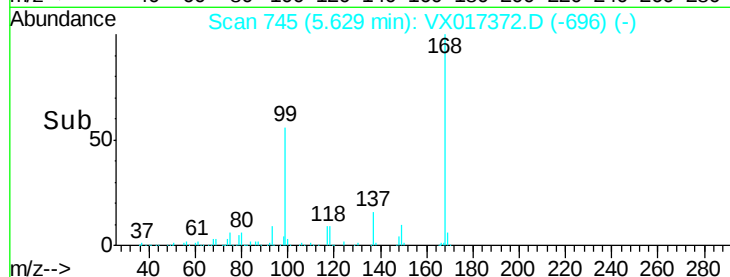
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.511 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017372.D

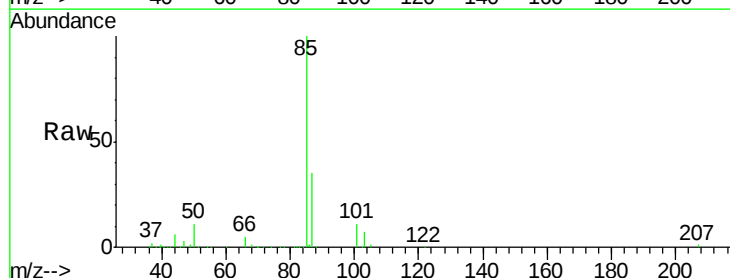
Acq: 14 Jul 2020 12:40

Tgt Ion: 85 Resp: 49970

Ion Ratio Lower Upper

85 100

87 35.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

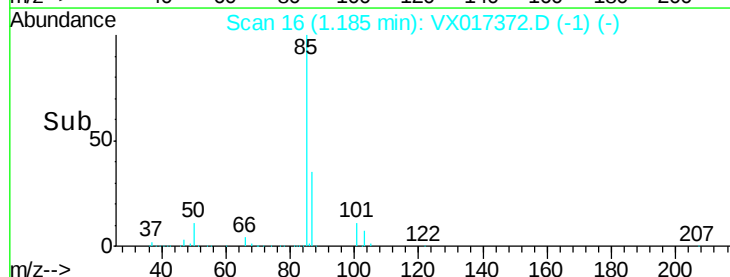
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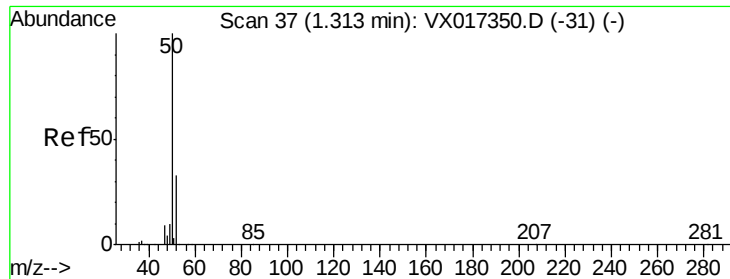
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.064 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 50 Resp: 52289

Ion Ratio Lower Upper

50 100

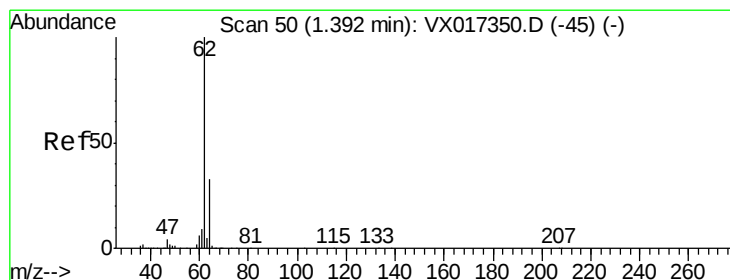
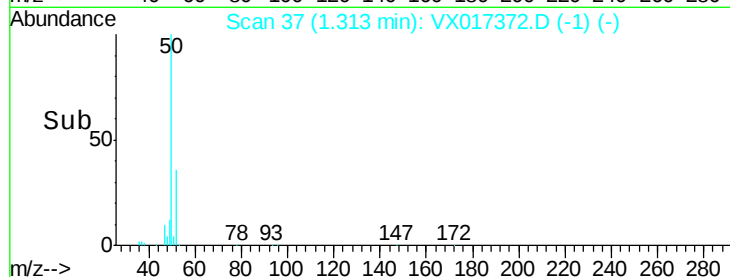
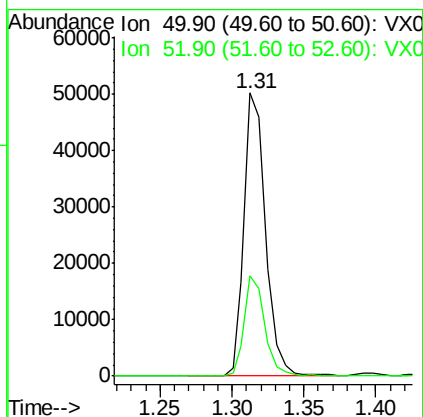
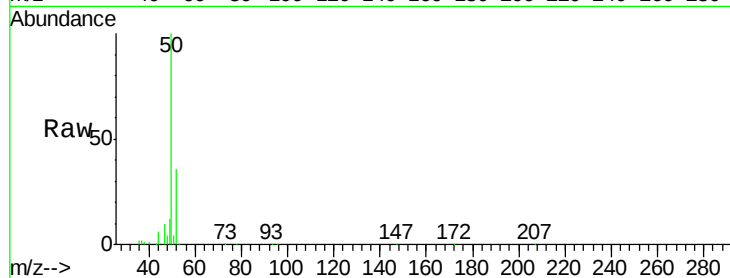
52 35.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.003 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017372.D

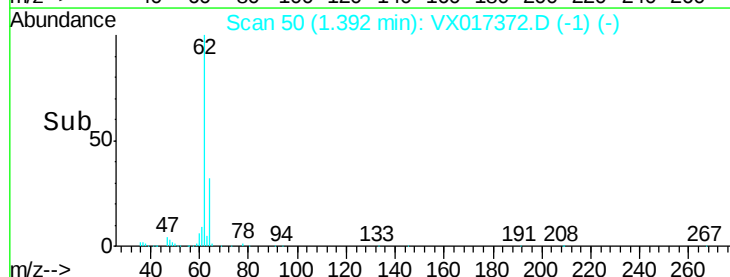
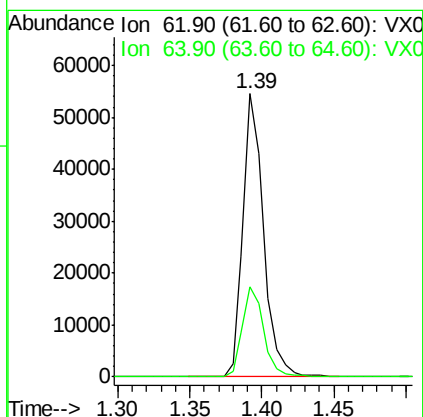
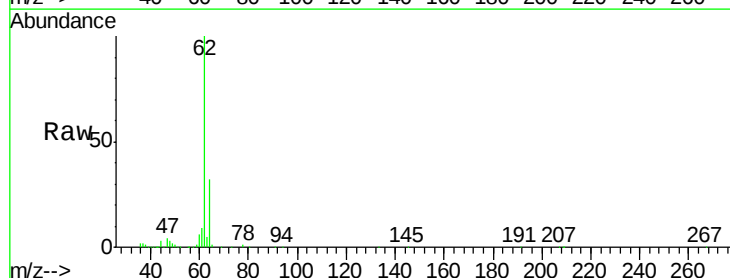
Acq: 14 Jul 2020 12:40

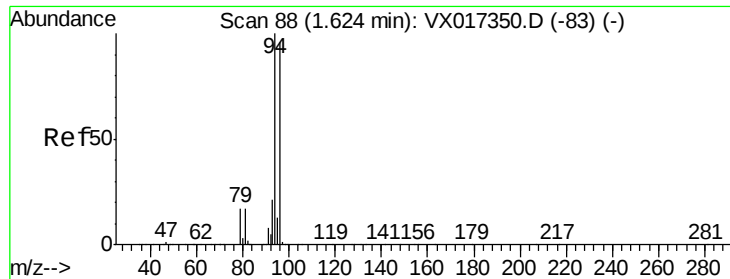
Tgt Ion: 62 Resp: 54277

Ion Ratio Lower Upper

62 100

64 31.8 26.3 39.5





#5

Bromomethane

Concen: 22.009 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

VX0714WBSD01

Tot Ion: 94 Resp: 38877

Ion Ratio Lower Upper

94 100

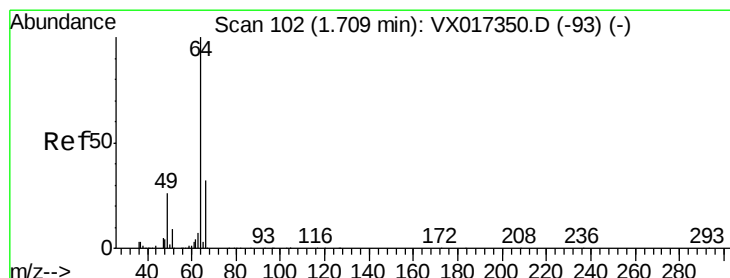
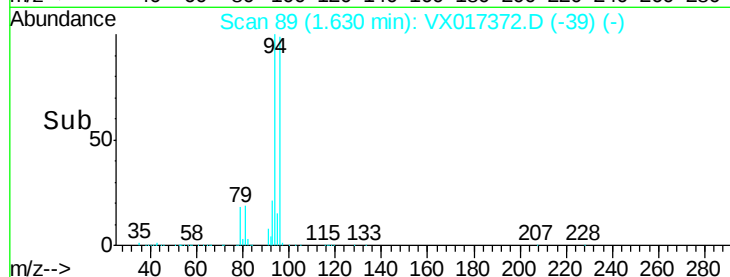
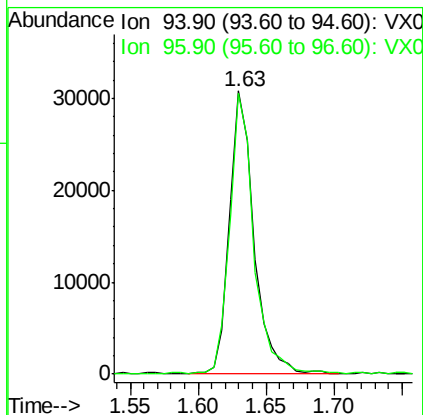
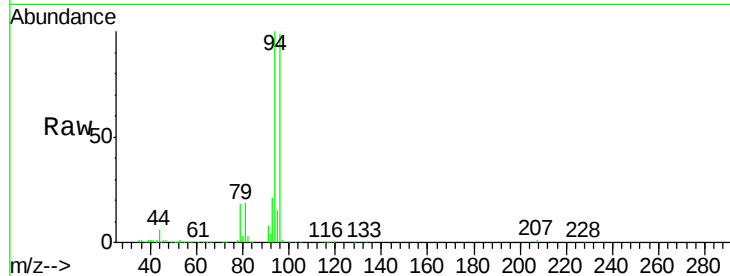
96 98.9 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 19.965 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017372.D

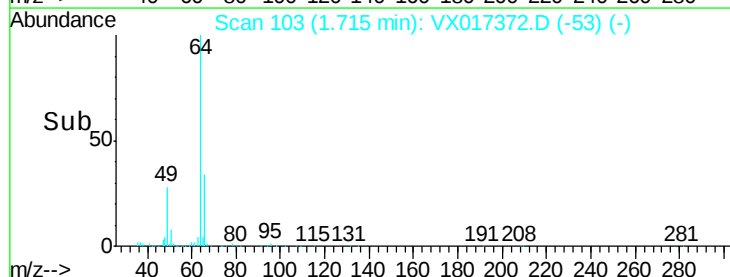
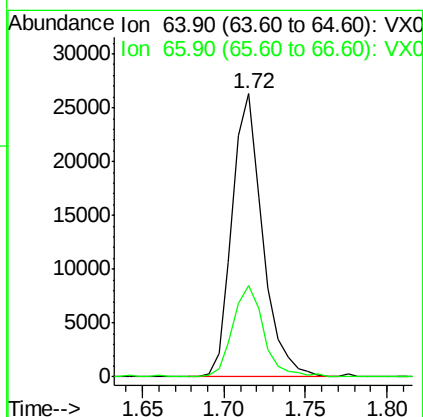
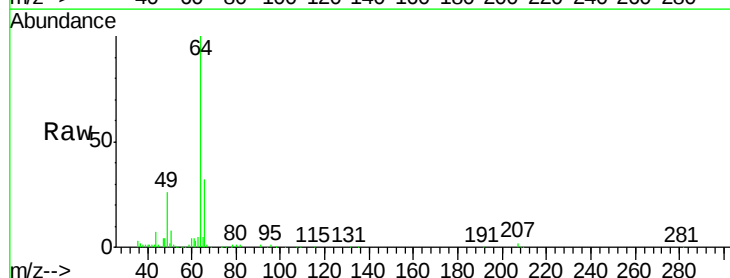
Acq: 14 Jul 2020 12:40

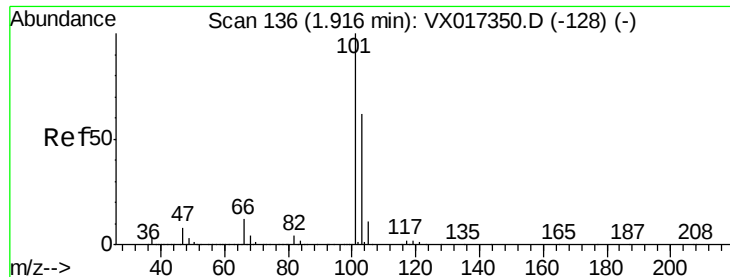
Tgt Ion: 64 Resp: 34195

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

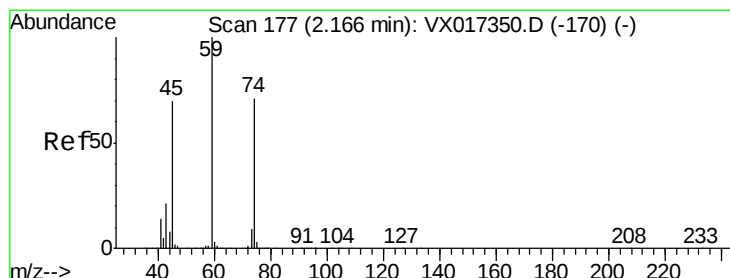
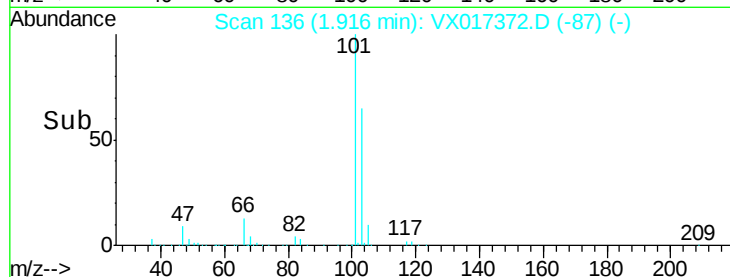
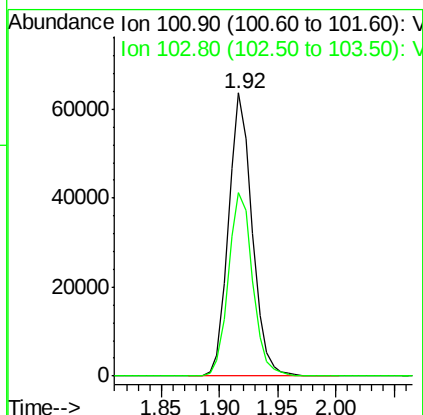
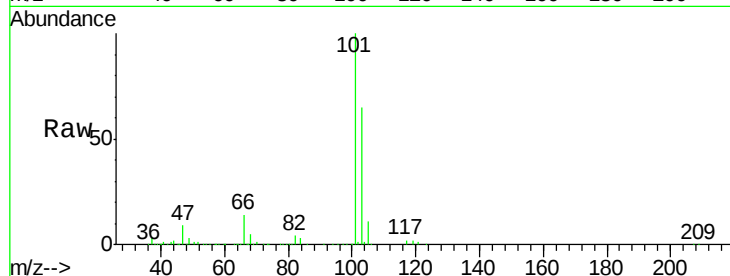
Trichlorofluoromethane
Concen: 19.671 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
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ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.6	74.4

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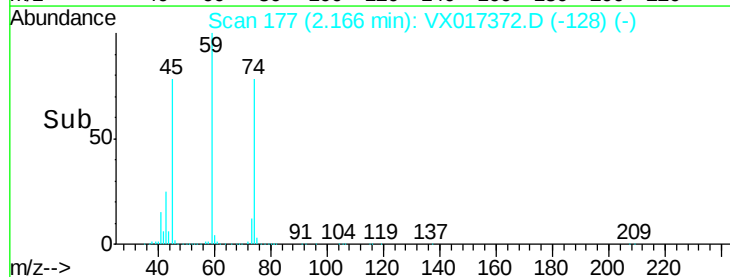
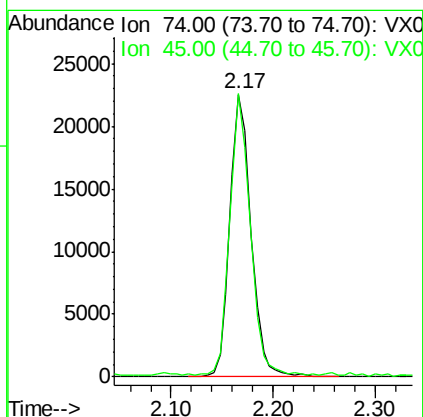
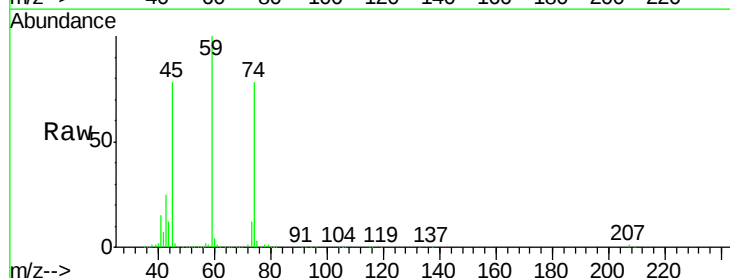
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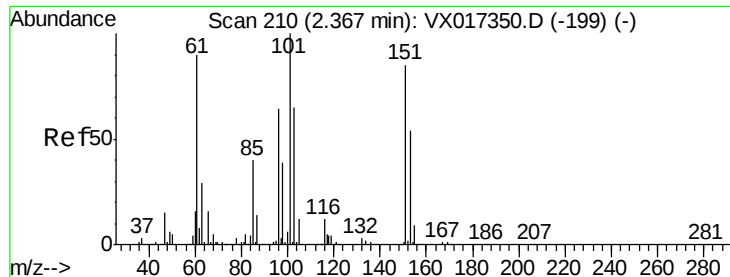


#8

Diethyl Ether
Concen: 19.970 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.297 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

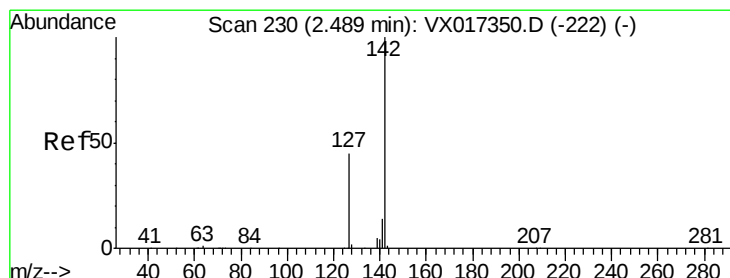
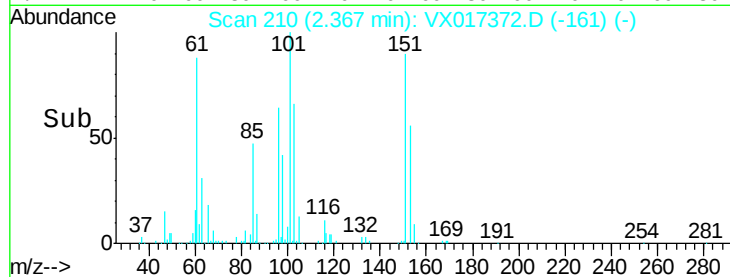
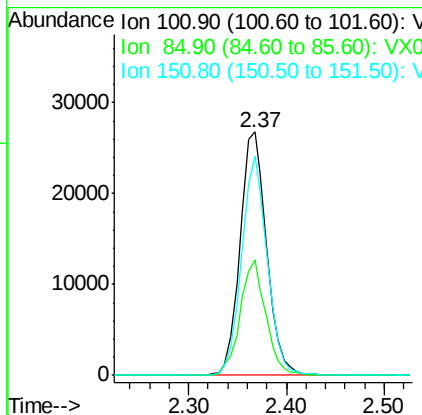
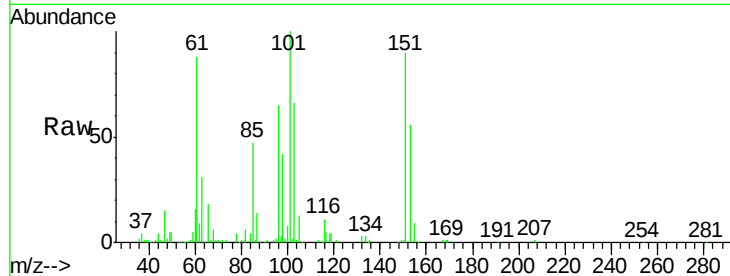
ClientSampleId :

VX0714WBSD01

Tot Ion:	101	Resp:	50344
Ion Ratio	Lower	Upper	
101	100		
85	45.8	33.7	50.5
151	86.7	66.4	99.6

Manual Integrations
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7/15/2020 11:43:20 AM



#10

Methyl Iodide

Concen: 18.225 ug/l

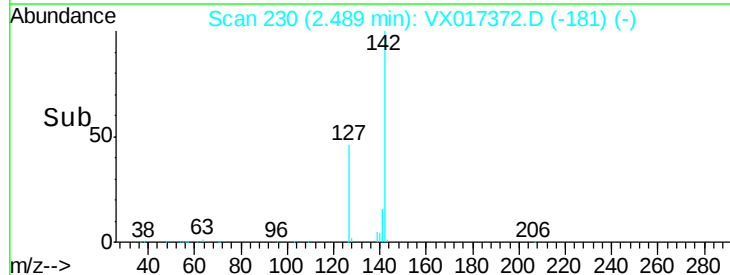
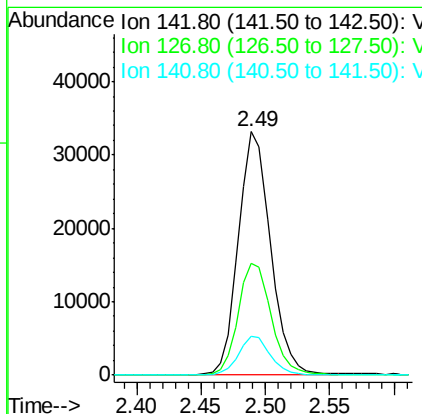
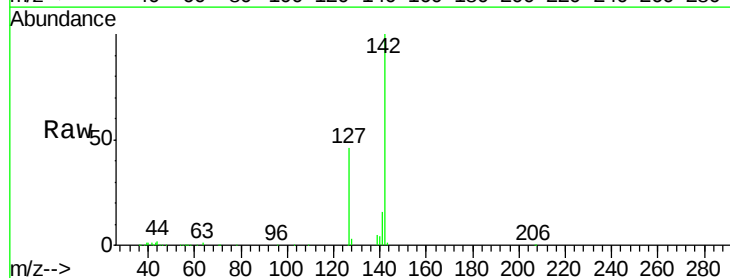
RT: 2.49 min Scan# 230

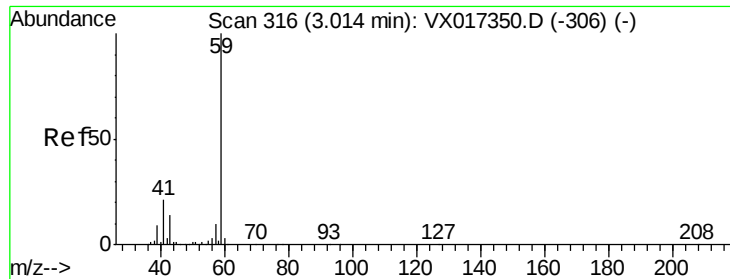
Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion:	142	Resp:	57540
Ion Ratio	Lower	Upper	
142	100		
127	47.2	36.8	55.2
141	15.6	11.4	17.0





#11

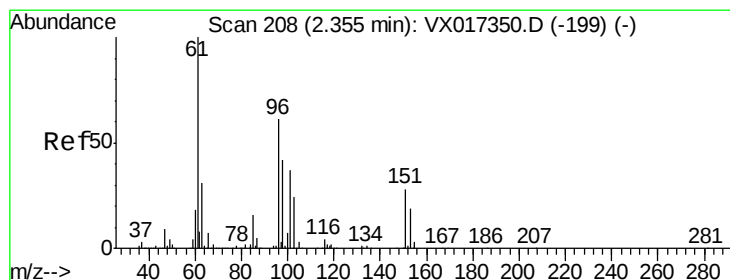
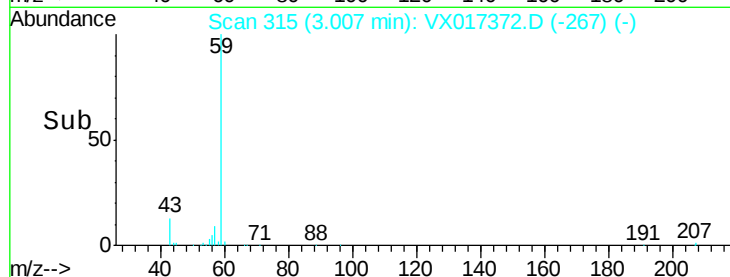
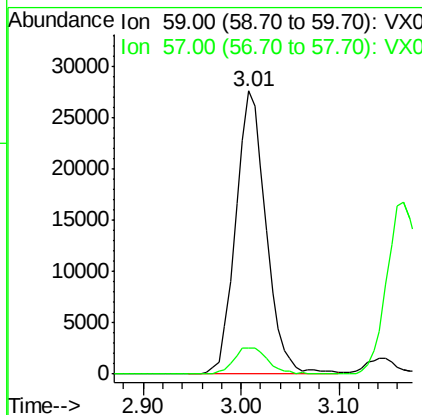
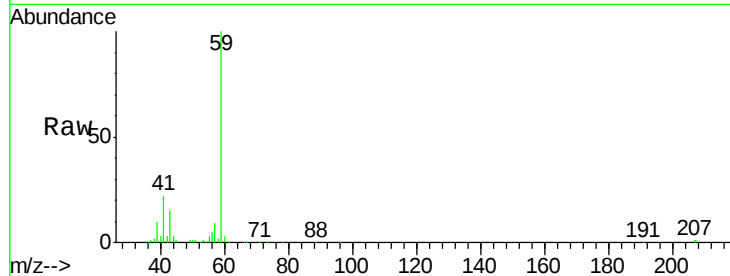
Tert butyl alcohol
Concen: 97.620 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Manual Integrations
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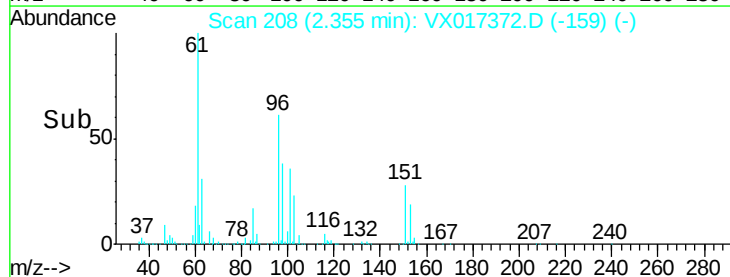
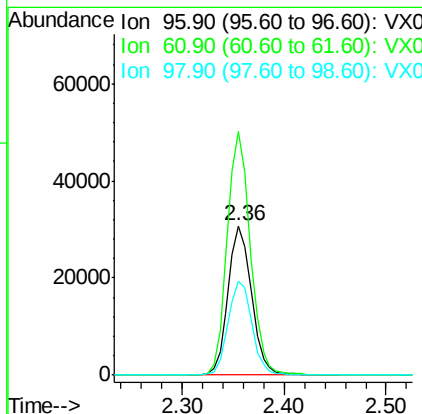
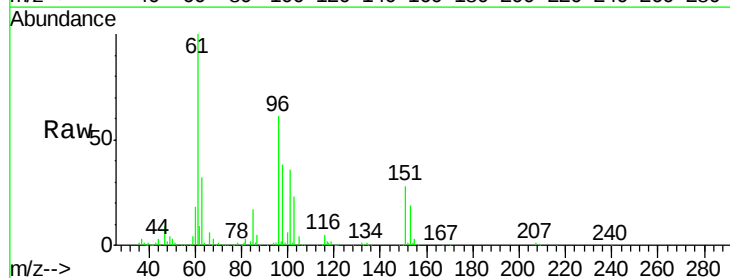
MMDadoda
7/15/2020 11:43:20 AM

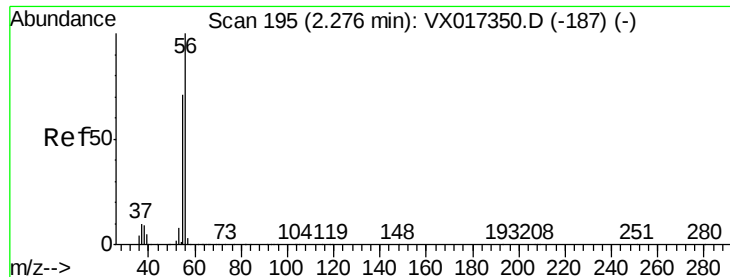


#12

1,1-Dichloroethene
Concen: 18.776 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.4	131.5	197.3
98	62.6	55.1	82.7





#13

Acrolein

Concen: 78.236 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 56 Resp: 26111

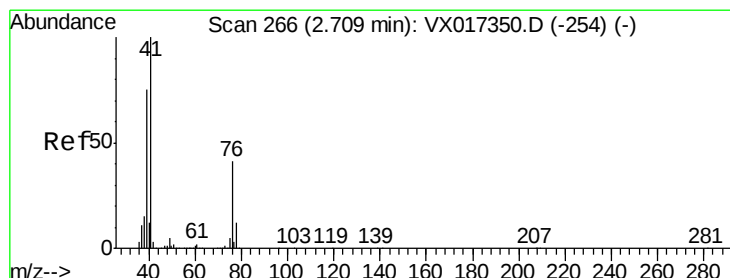
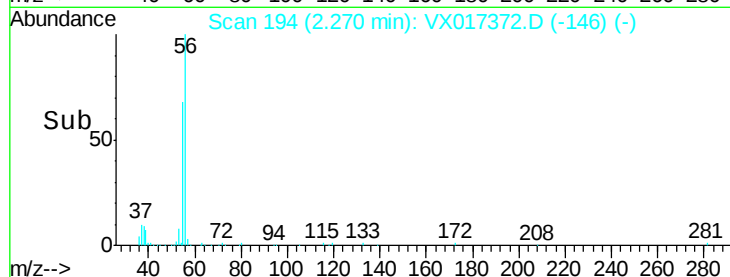
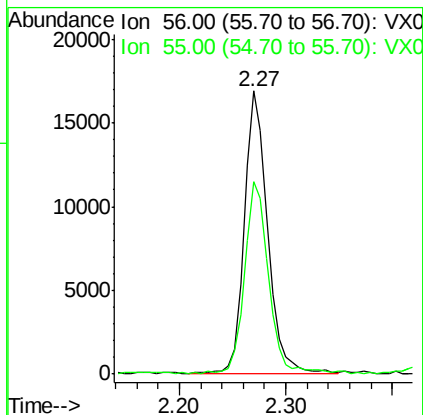
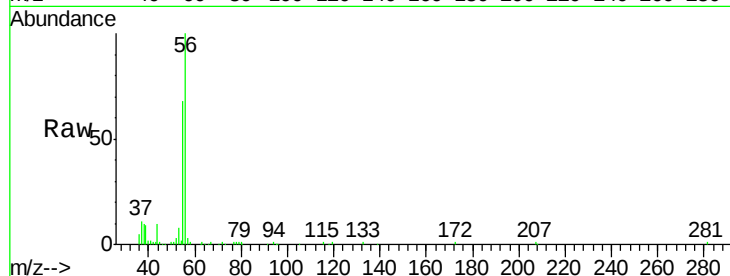
Ion Ratio Lower Upper

56 100

55 71.0 57.1 85.7

Manual Integrations
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#14

Allyl chloride

Concen: 19.460 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

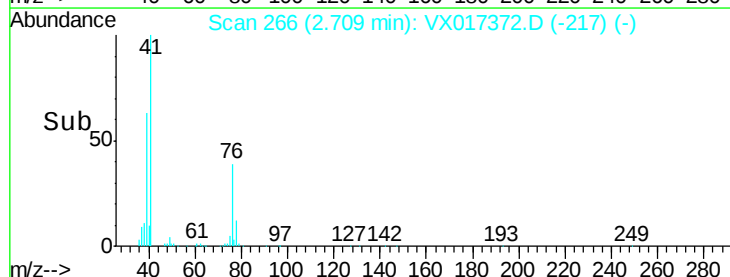
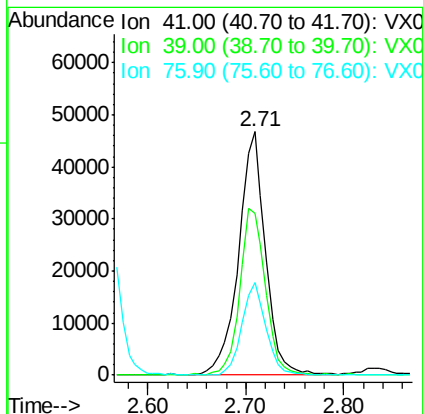
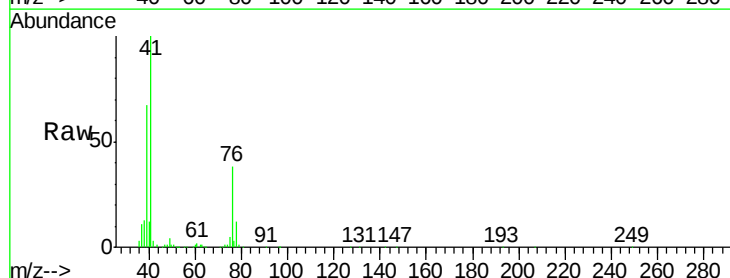
Tgt Ion: 41 Resp: 88351

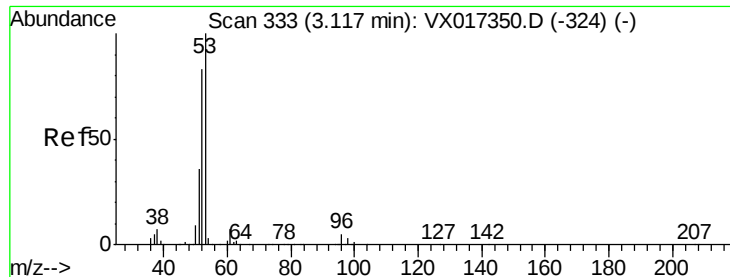
Ion Ratio Lower Upper

41 100

39 65.0 53.0 79.4

76 34.3 28.2 42.2





#15

Acrylonitrile

Concen: 97.247 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

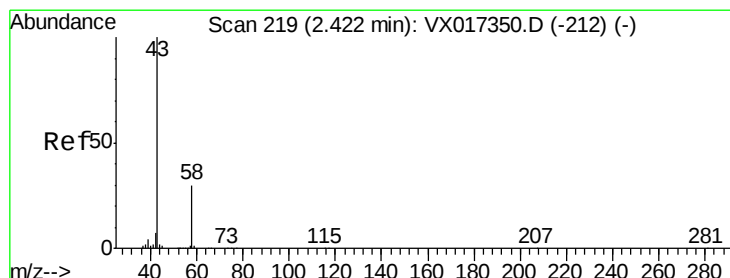
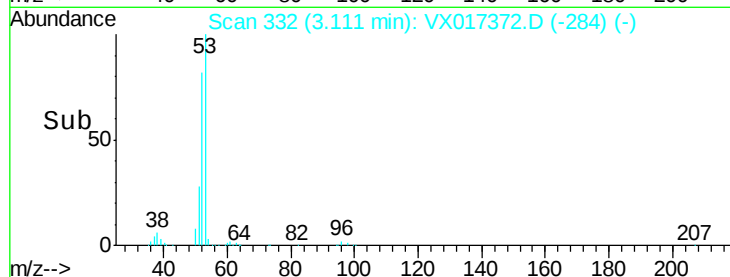
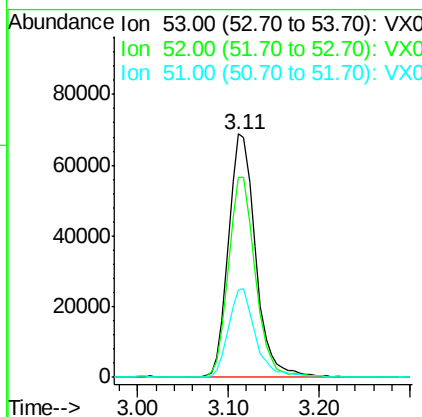
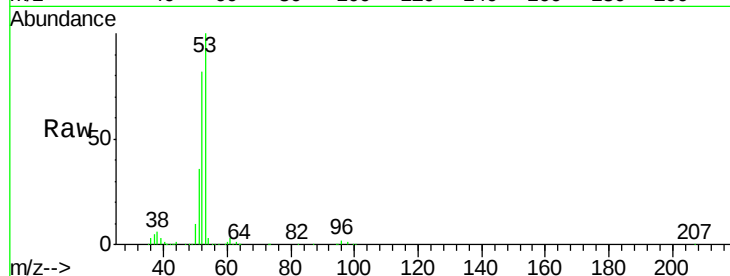
ClientSampleId :

VX0714WBSD01

Tot Ion:	53	Resp:	143527
Ion Ratio		Lower	Upper
53	100		
52	81.8	65.8	98.6
51	36.2	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 94.946 ug/l

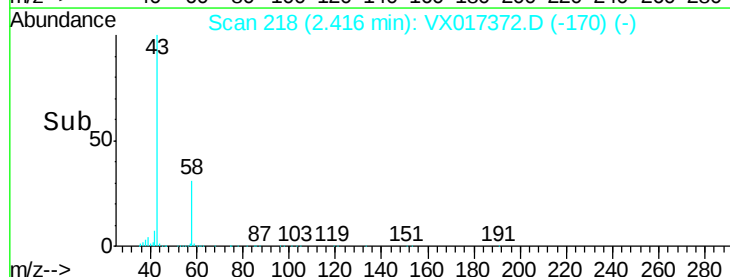
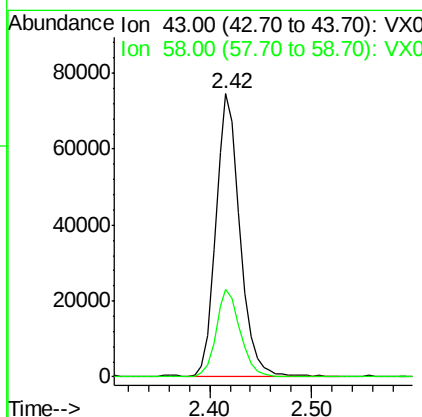
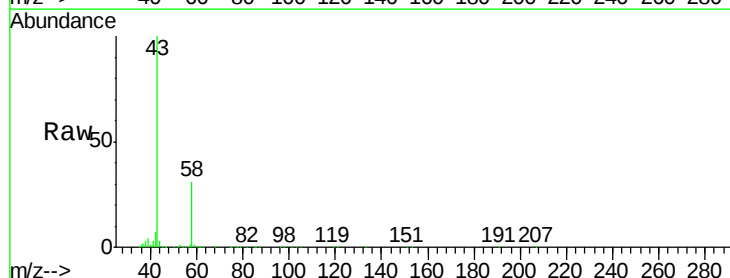
RT: 2.42 min Scan# 218

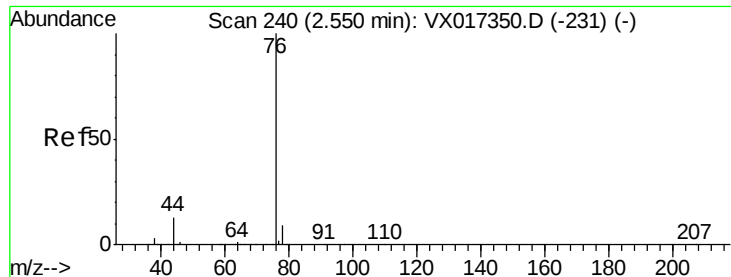
Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion:	43	Resp:	122403
Ion Ratio		Lower	Upper
43	100		
58	31.0	24.2	36.2





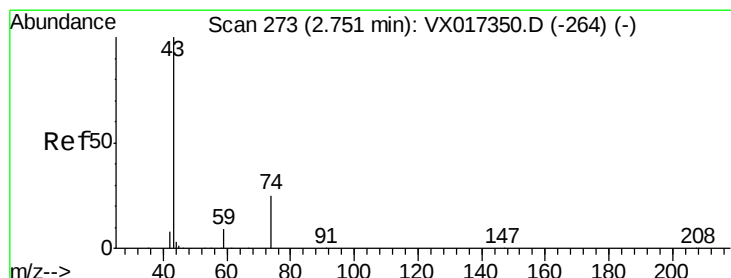
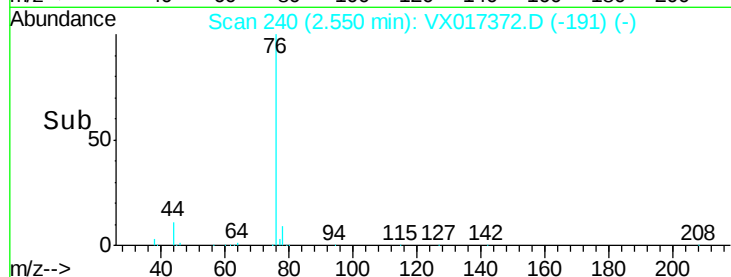
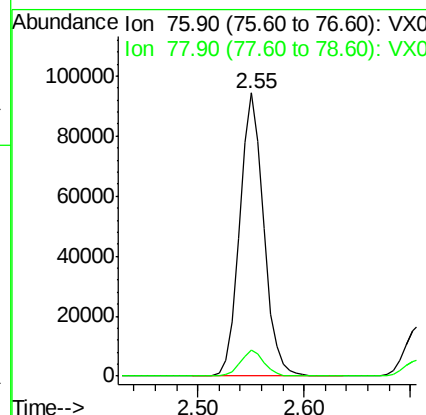
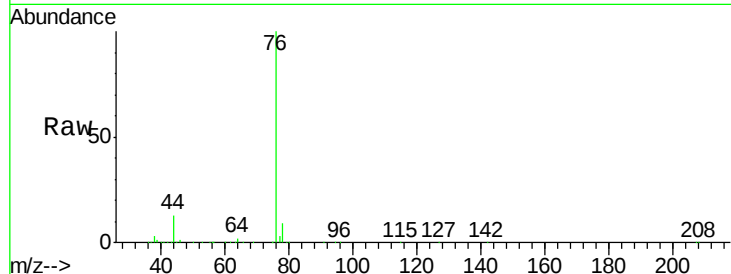
#17
Carbon Disulfide
Concen: 19.582 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

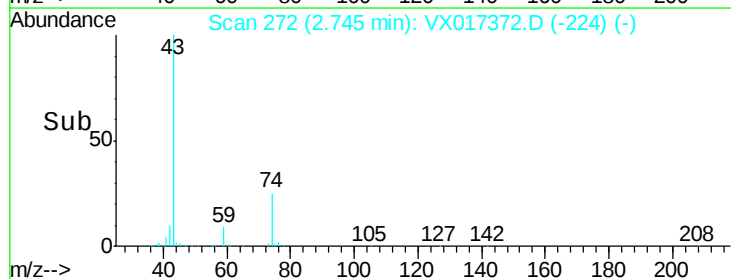
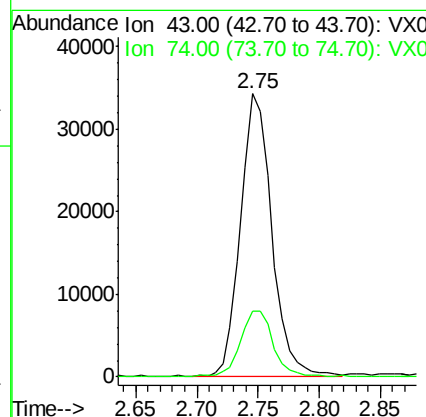
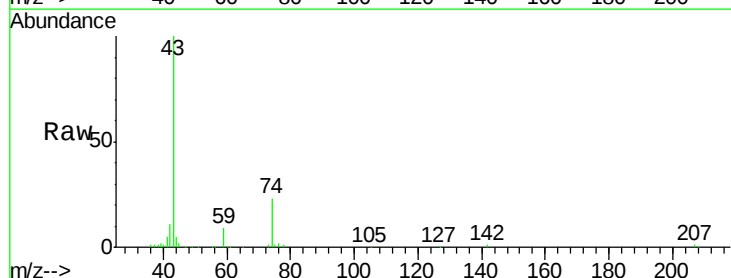
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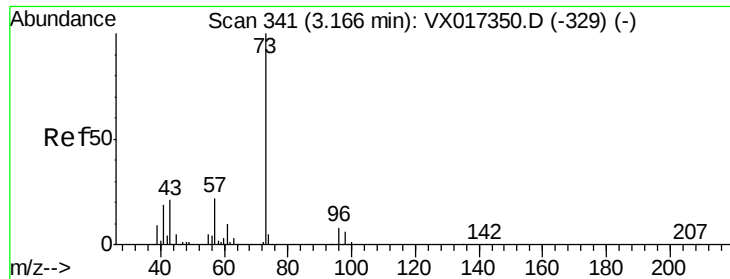
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#18
Methyl Acetate
Concen: 18.988 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.4	29.2





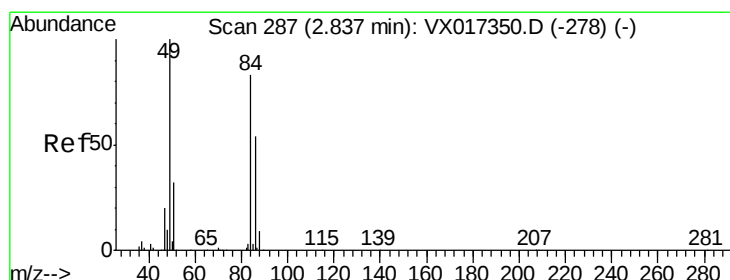
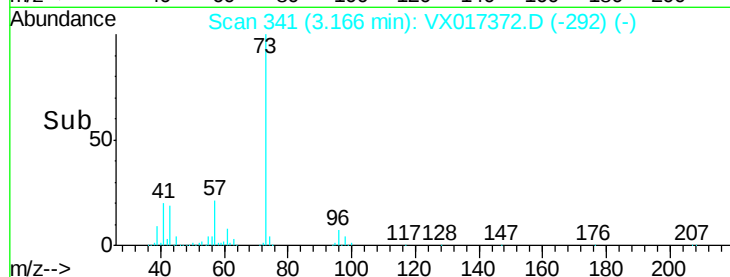
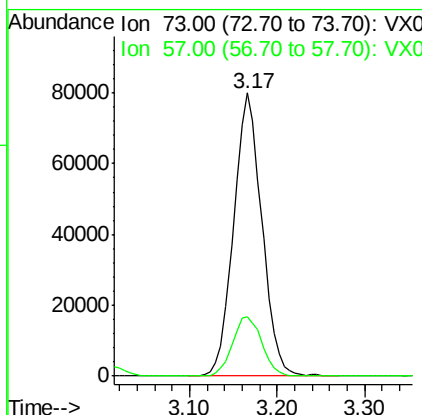
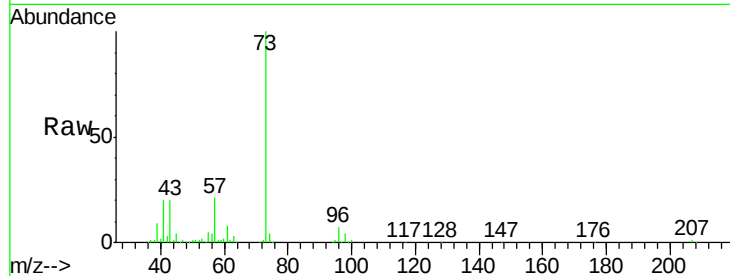
#19
Methvl tert-butvl Ether
Concen: 20.198 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion: 73 Resp: 179698
Ion Ratio Lower Upper
73 100
57 20.8 17.5 26.3

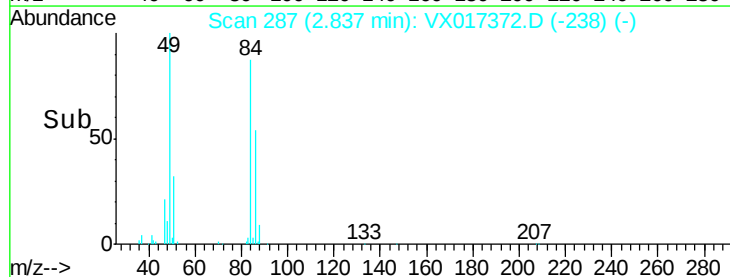
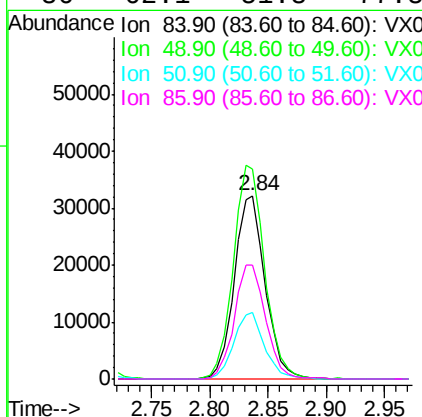
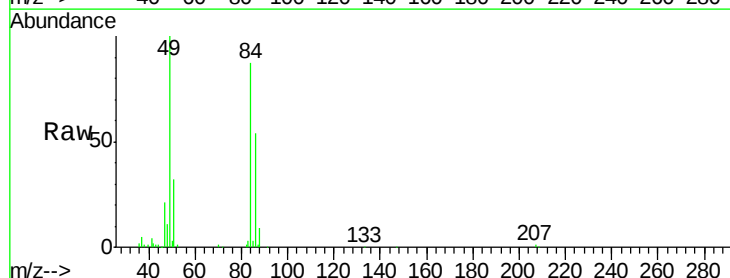
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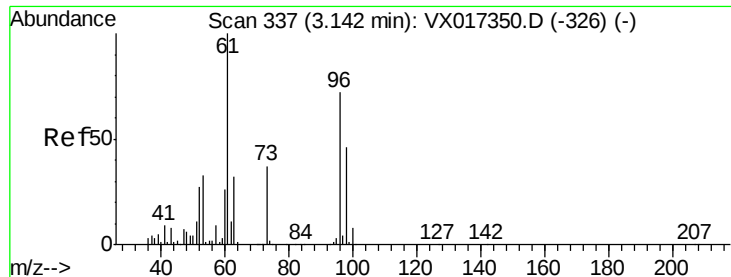
MMDadoda
7/15/2020 11:43:20 AM



#20
Methylene Chloride
Concen: 18.915 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion: 84 Resp: 59495
Ion Ratio Lower Upper
84 100
49 114.6 95.8 143.8
51 36.4 31.0 46.4
86 62.1 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

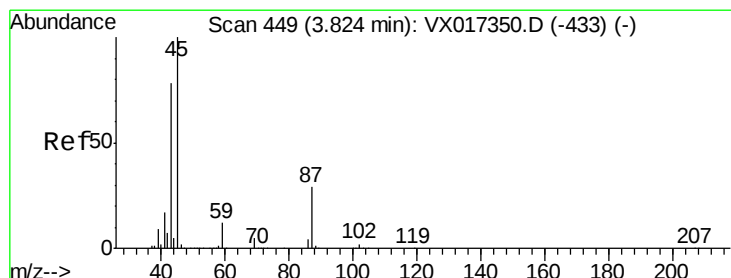
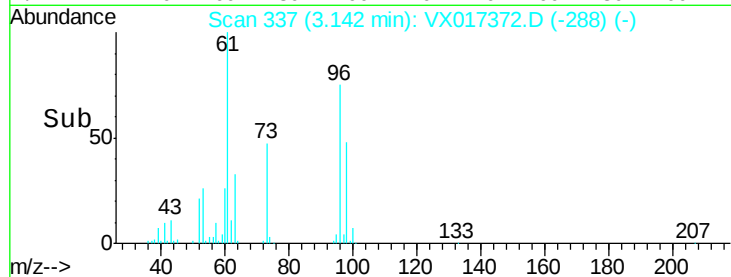
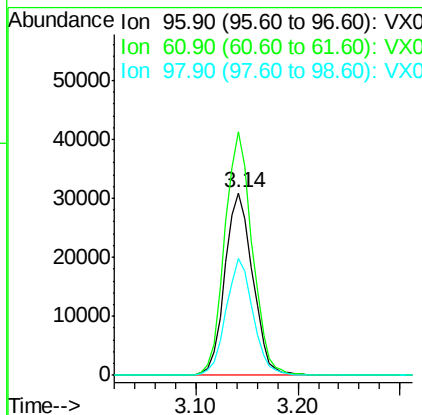
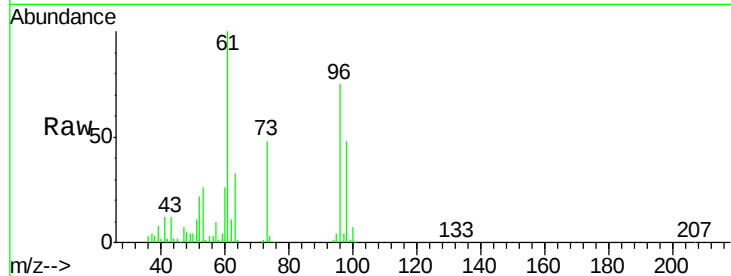
ClientSampleId :

VX0714WBSD01

Tot Ion:	96	Resp:	58418
Ion	Ratio	Lower	Upper
96	100		
61	133.5	111.1	166.7
98	63.9	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.734 ug/l

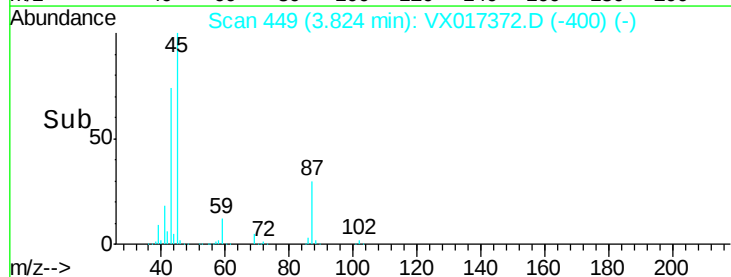
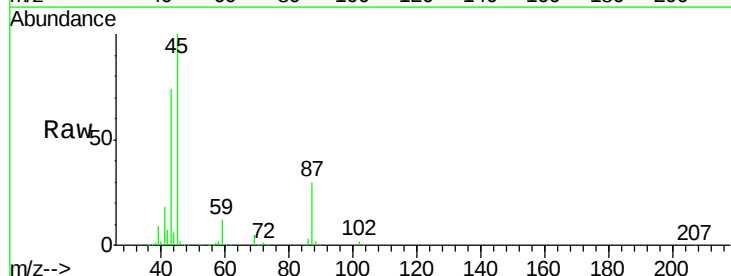
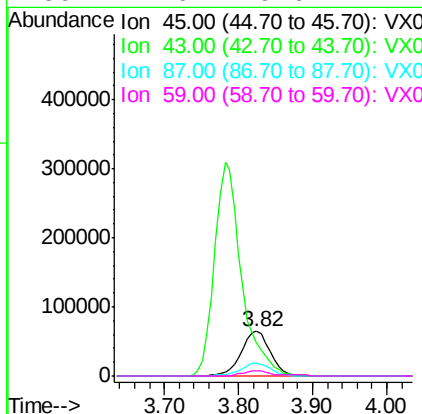
RT: 3.82 min Scan# 449

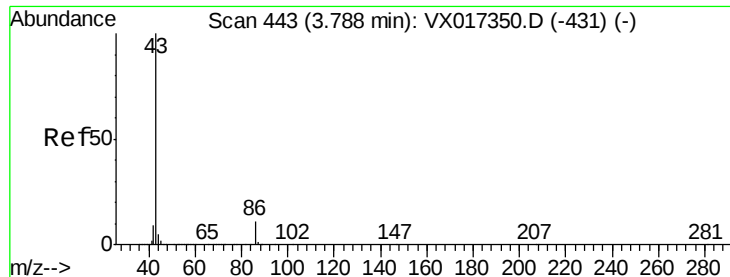
Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion:	45	Resp:	179316
Ion	Ratio	Lower	Upper
45	100		
43	73.0	62.2	93.2
87	29.7	23.0	34.6
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 102.200 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 43 Resp: 777317

Ion Ratio Lower Upper

43 100

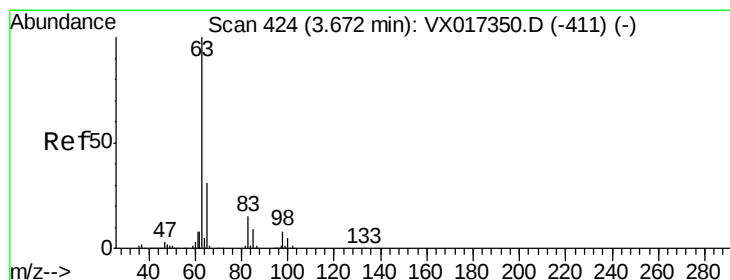
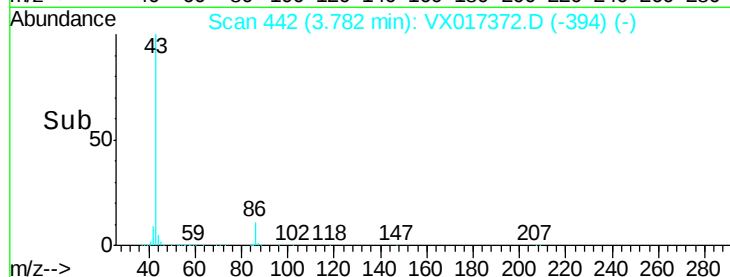
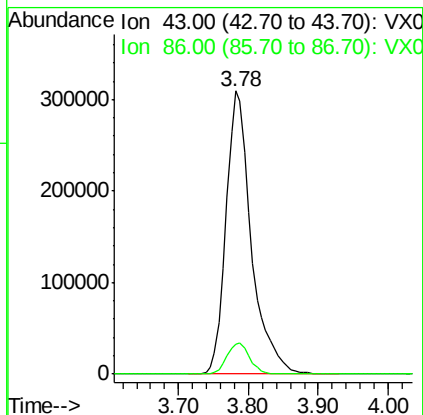
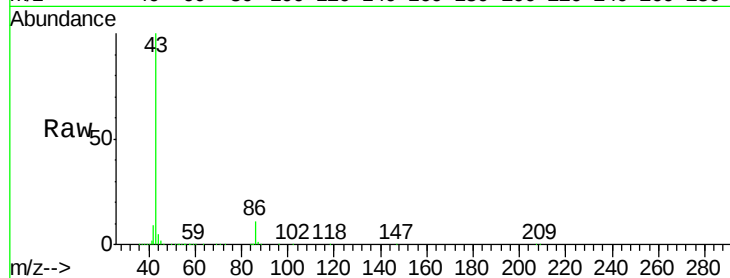
86 10.7 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.583 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

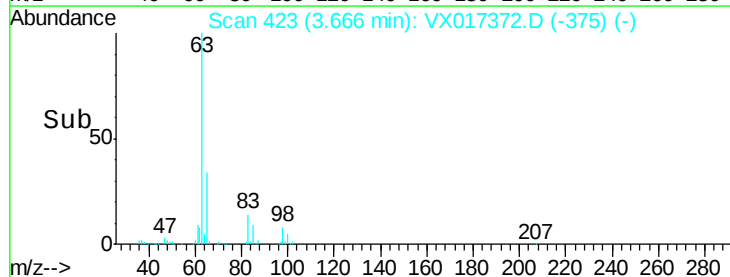
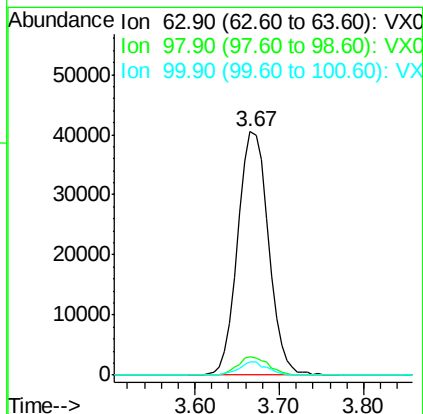
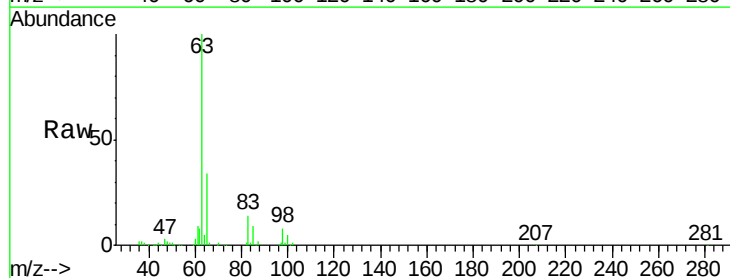
Tgt Ion: 63 Resp: 99533

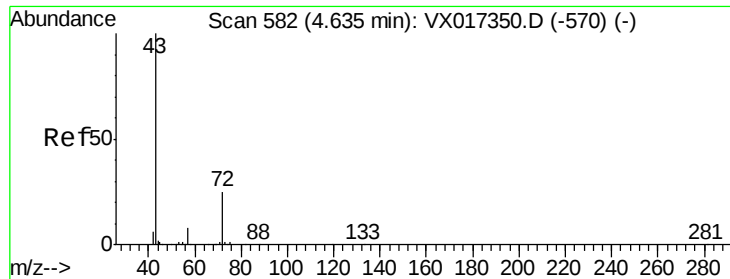
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.3 2.5 7.5





#25

2-Butanone

Concen: 94.909 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 43 Resp: 194338

Ion Ratio Lower Upper

43 100

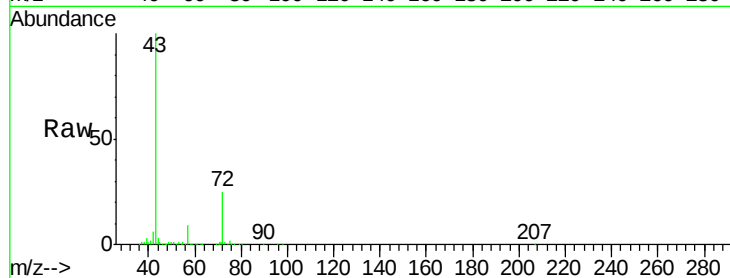
72 24.9 20.4 30.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

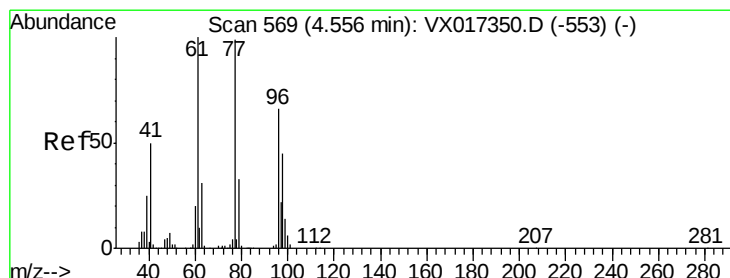
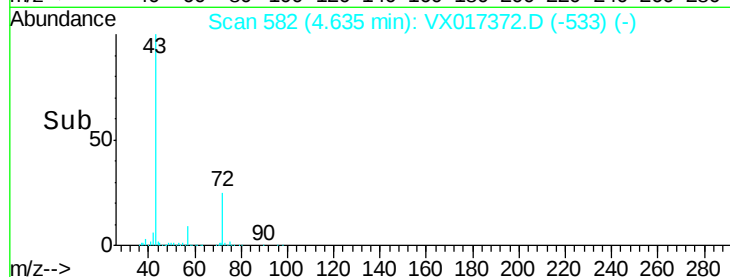
40000

20000

0

Time--> 4.50 4.60 4.70

4.64



#26

2,2-Dichloropropane

Concen: 18.575 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017372.D

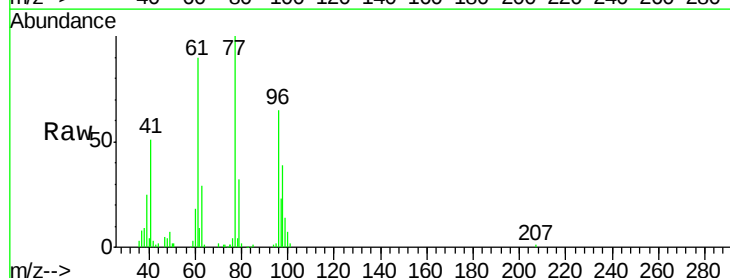
Acq: 14 Jul 2020 12:40

Tgt Ion: 77 Resp: 87864

Ion Ratio Lower Upper

77 100

97 23.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

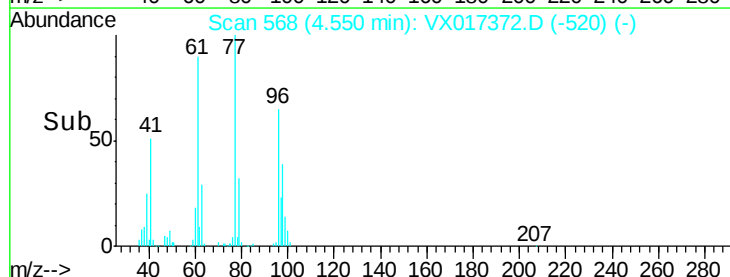
20000

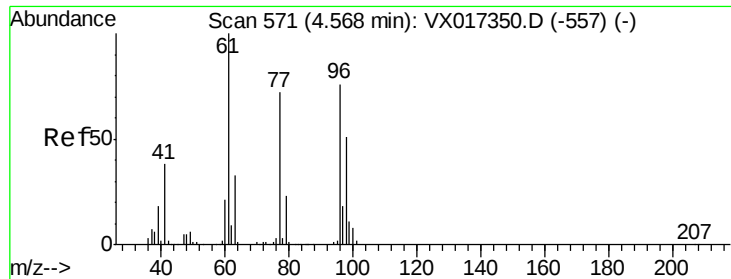
10000

0

Time--> 4.40 4.50 4.60 4.70

4.55





#27

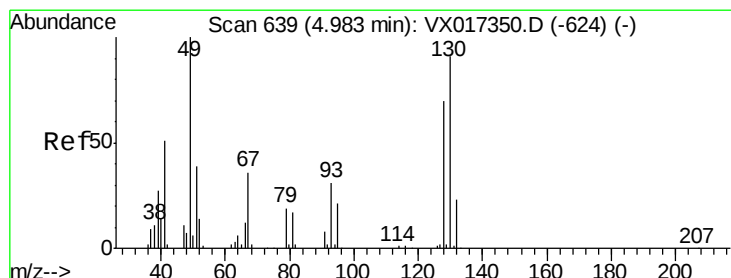
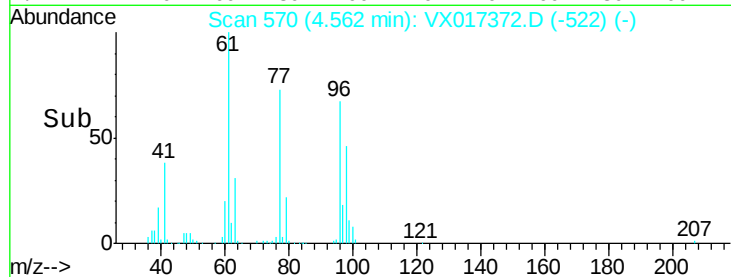
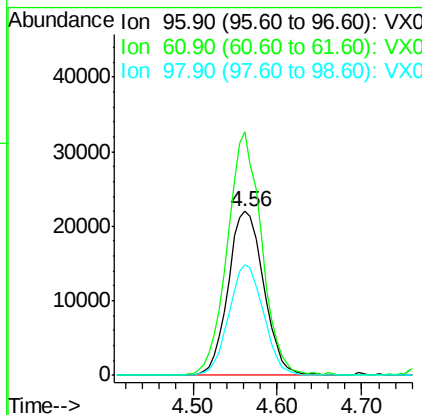
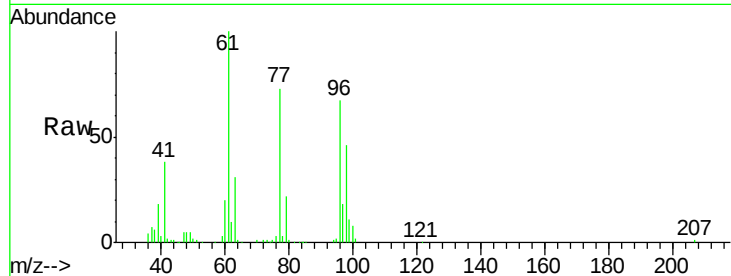
cis-1,2-Dichloroethene
 Concen: 19.164 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	281.2
98	65.6	0.0	131.4

Manual Integrations
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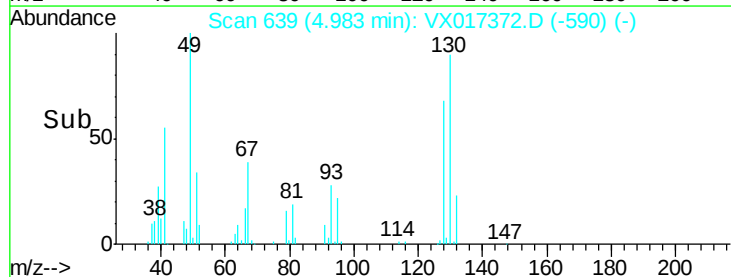
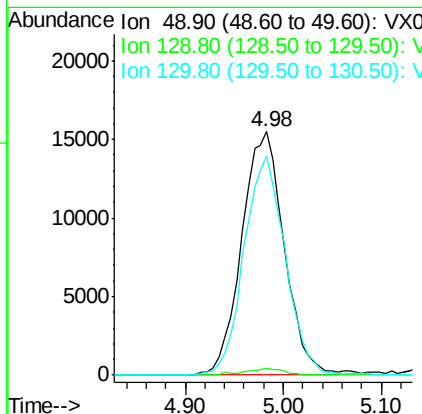
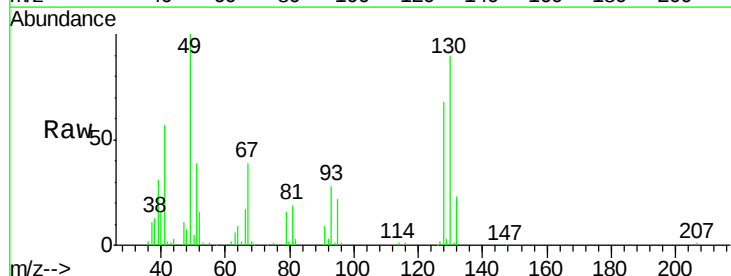
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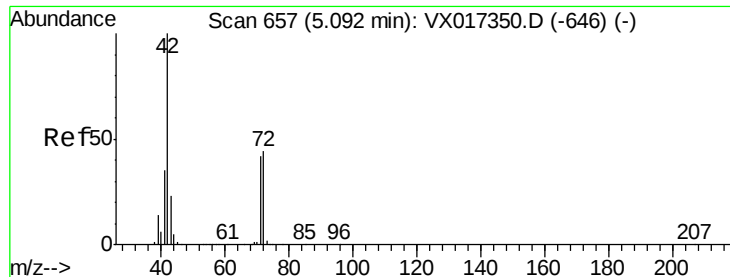


#28

Bromochloromethane
 Concen: 19.876 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.9	71.1	106.7





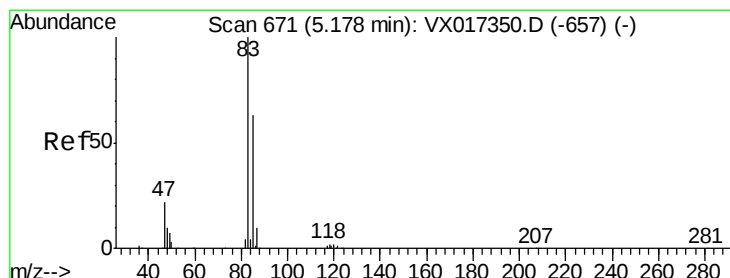
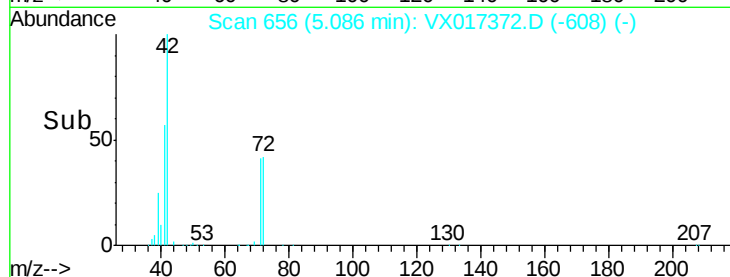
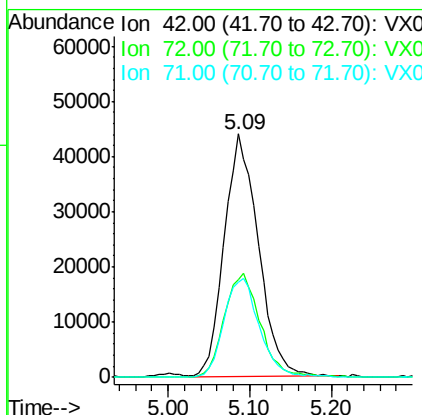
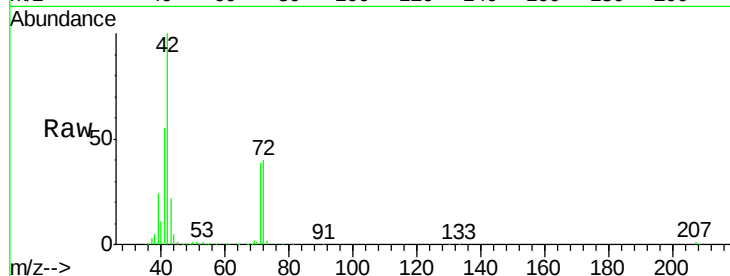
#29
Tetrahydrofuran
Concen: 96.151 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	37.2	55.8
71	42.8	34.4	51.6

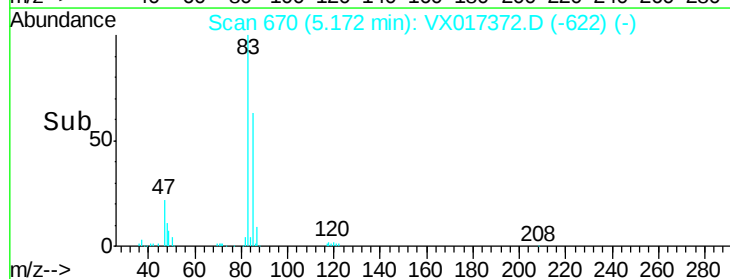
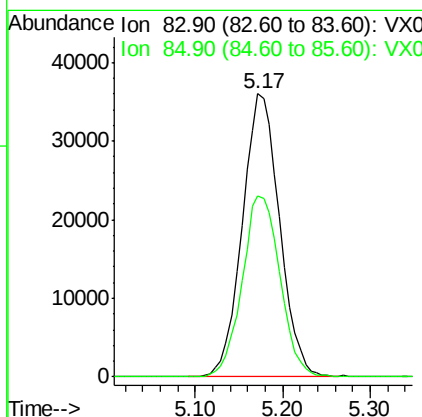
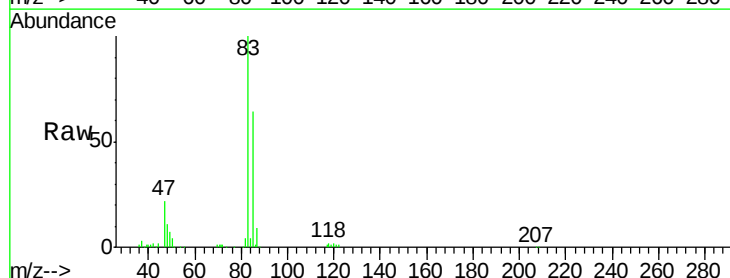
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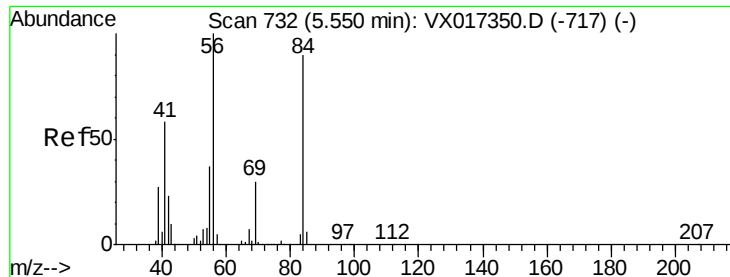
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#30
Chloroform
Concen: 19.510 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.2	75.4





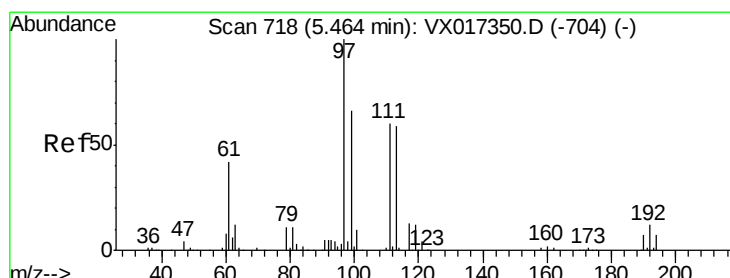
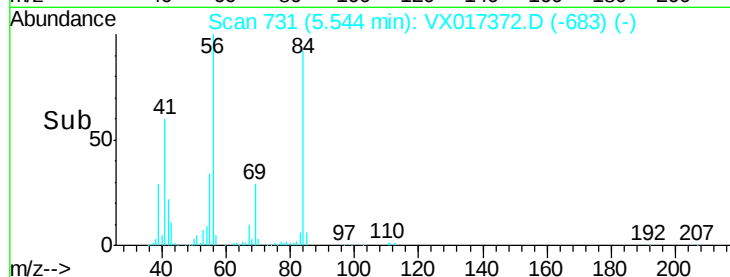
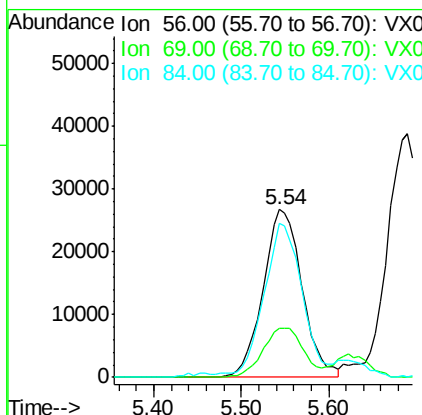
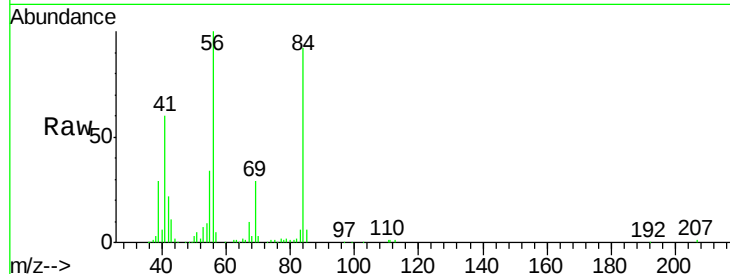
#31
Cvclohexane
Concen: 19.872 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.7	35.5
84	89.5	71.8	107.6

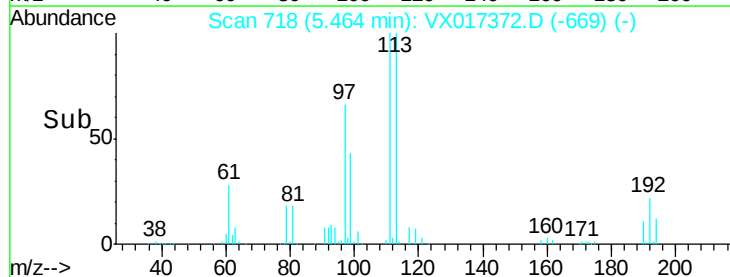
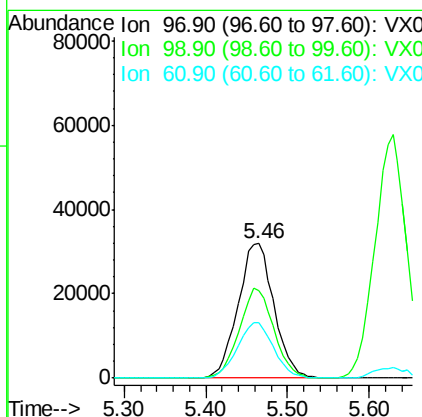
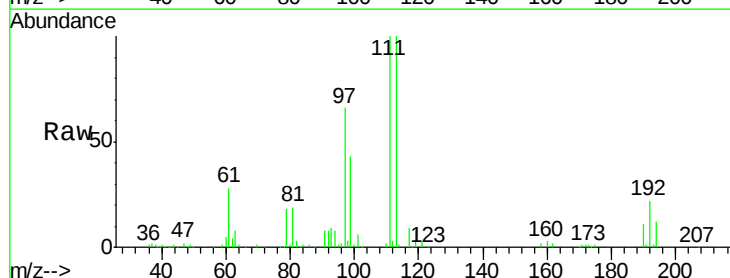
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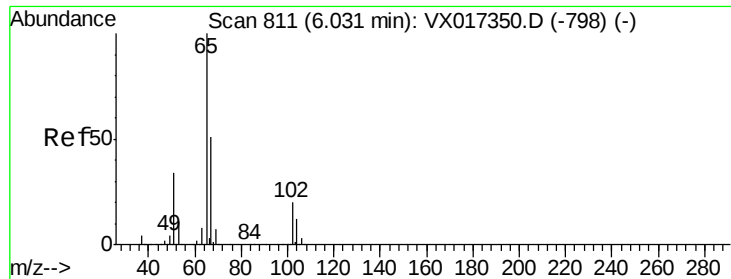
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#32
1,1,1-Trichloroethane
Concen: 19.243 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.2	76.8
61	42.0	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 48.953 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 65 Resp: 176900

Ion Ratio Lower Upper

65 100

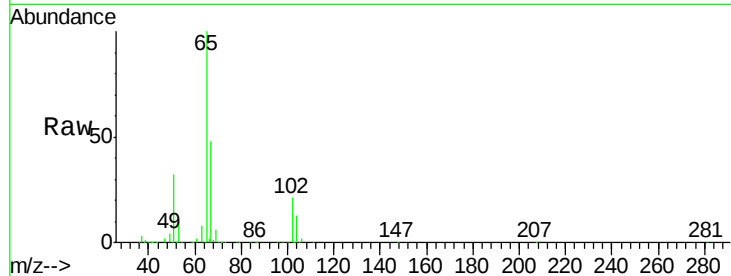
67 50.6 0.0 101.6

Manual Integrations

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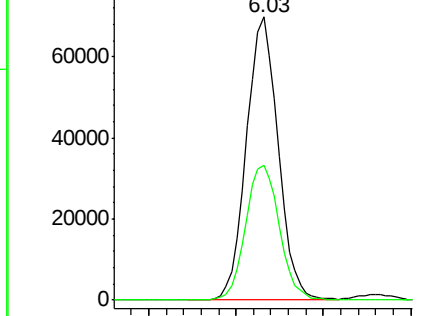
MMDadoda

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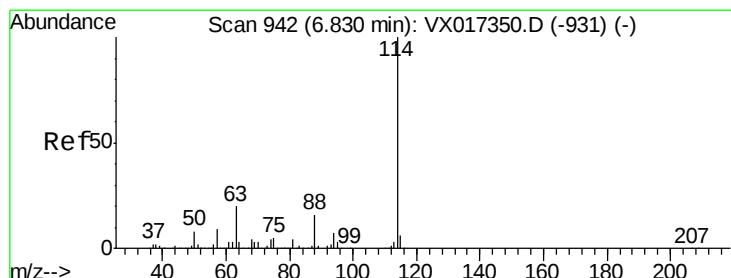
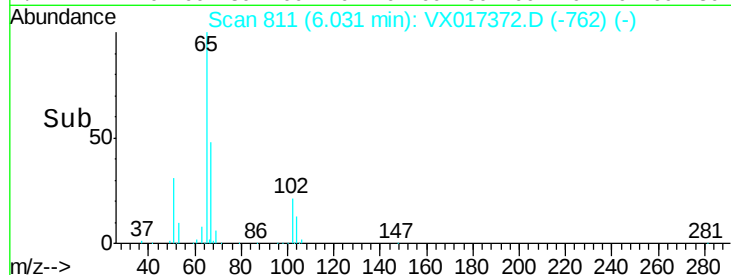


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

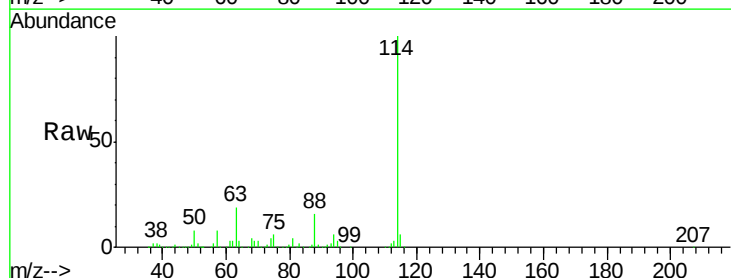
Tgt Ion:114 Resp: 426292

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

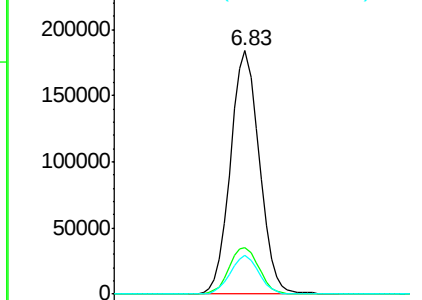
88 16.0 0.0 32.8



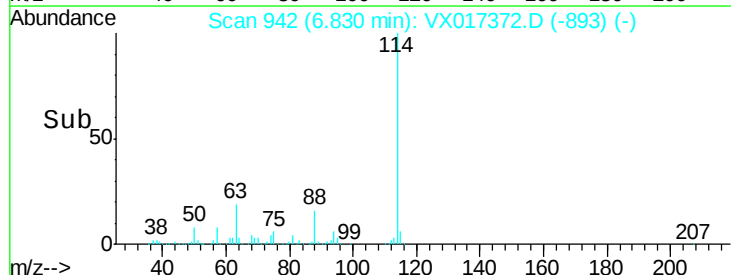
Abundance Ion 113.90 (113.60 to 114.60): V

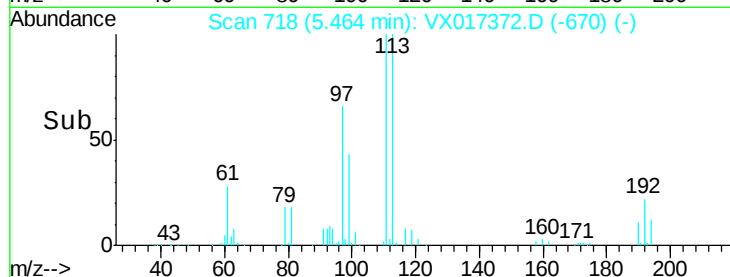
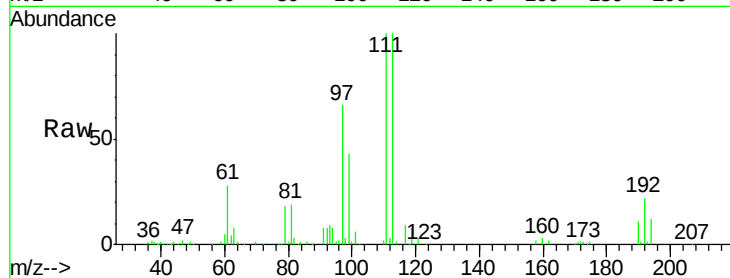
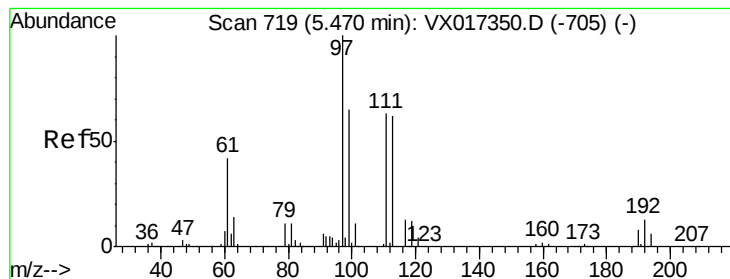
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





#35

Dibromofluoromethane

Concen: 48.756 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tot Ion:	113	Resp:	140007
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.4	123.6
192	21.6	17.2	25.8

Instrument :

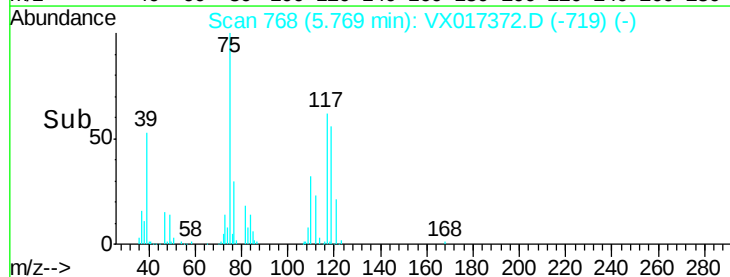
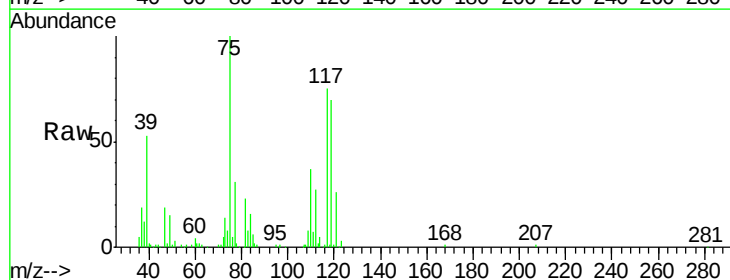
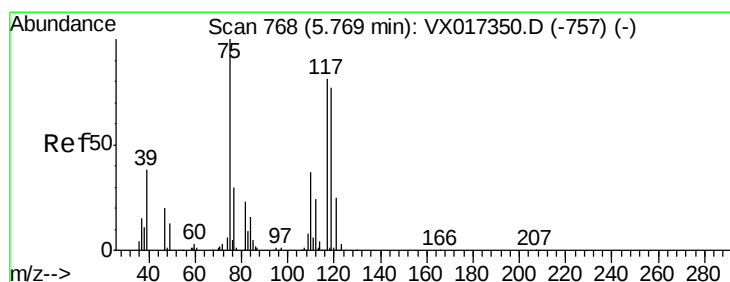
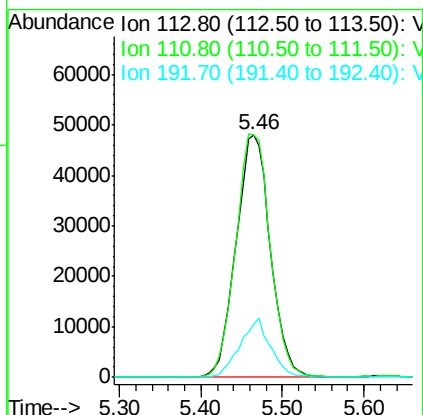
MSVOA_X

ClientSampleId :

VX0714WBSD01

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#36

1,1-Dichloropropene

Concen: 19.324 ug/l

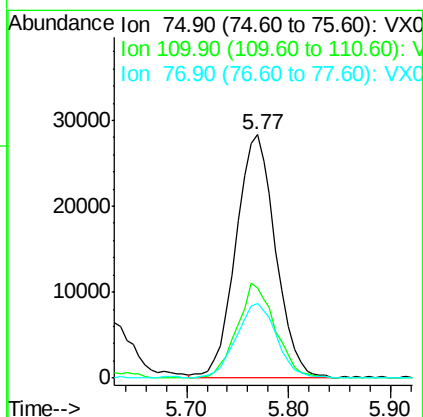
RT: 5.77 min Scan# 768

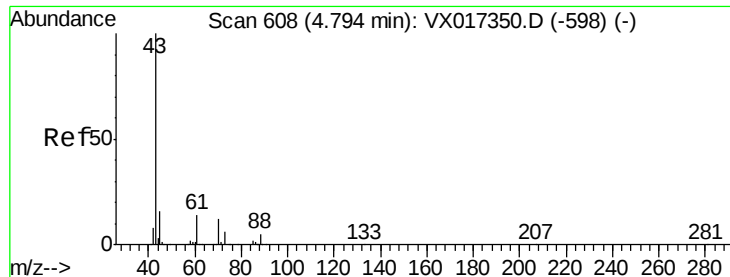
Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion:	75	Resp:	75770
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.6	55.8
77	31.9	24.9	37.3





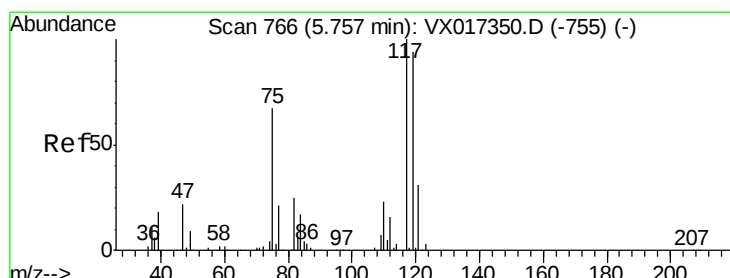
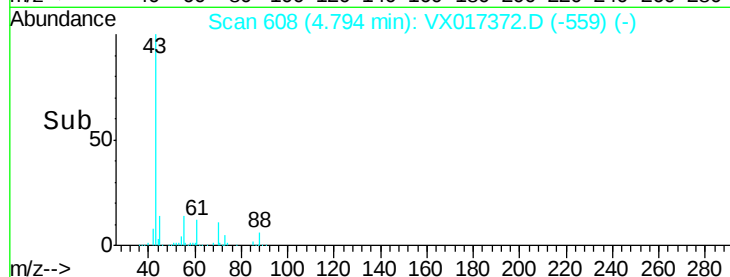
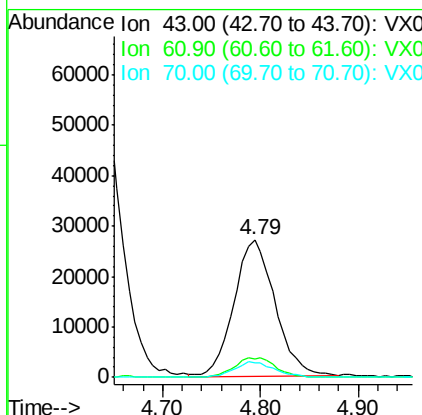
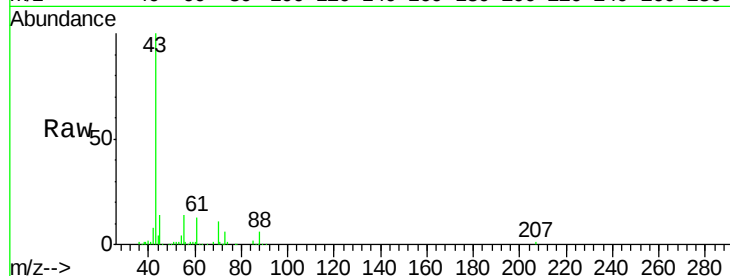
#37
Ethyl Acetate
Concen: 19.460 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	43	Resp	78911
Ion Ratio	100	Lower	Upper
43	100		
61	15.1	10.7	16.1
70	11.1	9.0	13.6

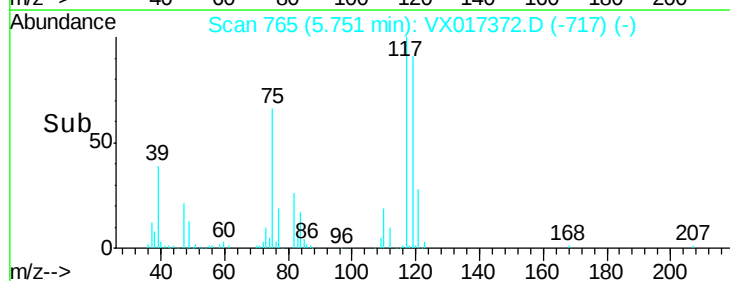
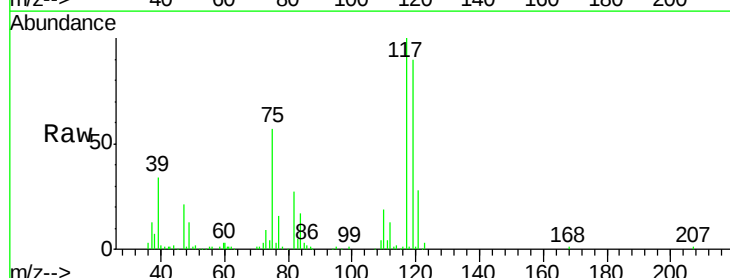
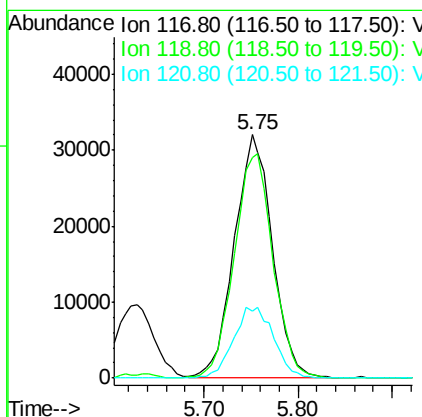
Manual Integrations
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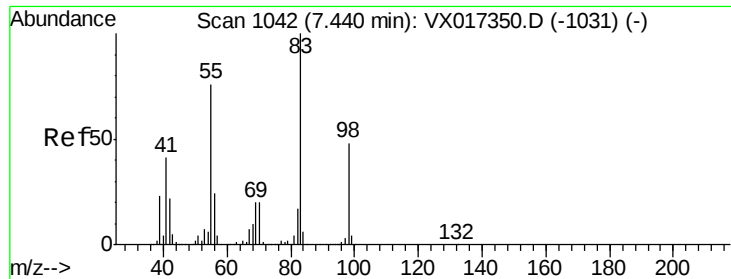
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#38
Carbon Tetrachloride
Concen: 19.706 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	117	Resp	90467
Ion Ratio	100	Lower	Upper
117	100		
119	90.2	74.7	112.1
121	27.6	24.5	36.7





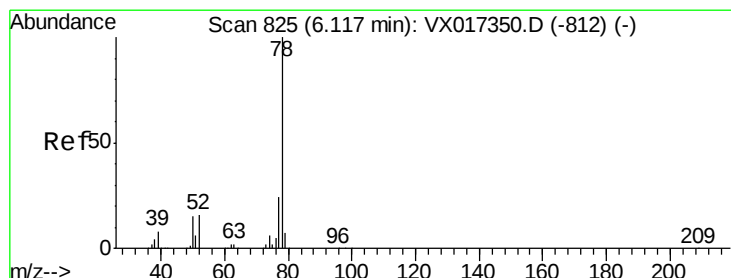
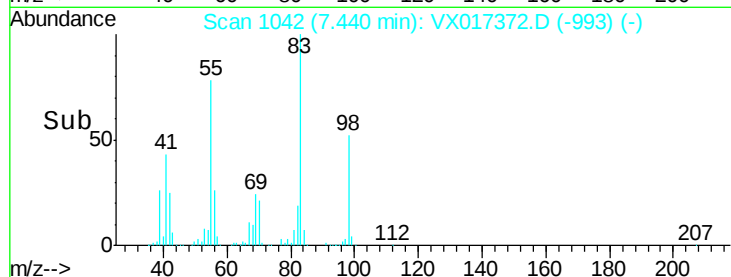
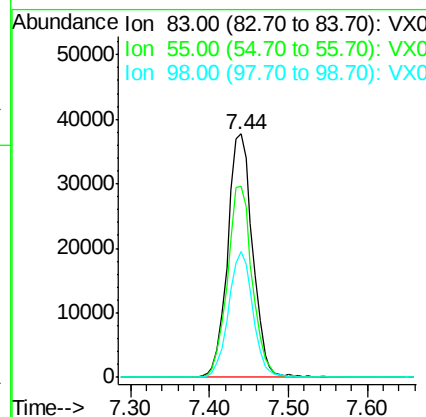
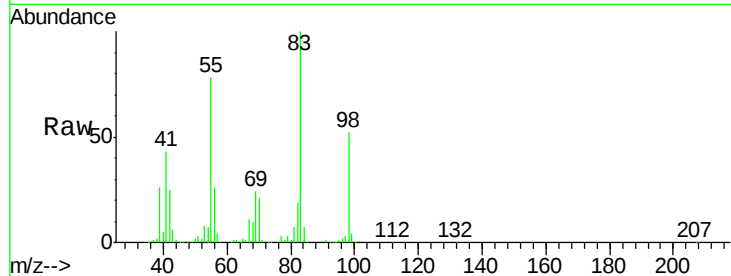
#39
Methvlcvclohexane
Concen: 19.585 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.2	91.8
98	51.8	38.1	57.1

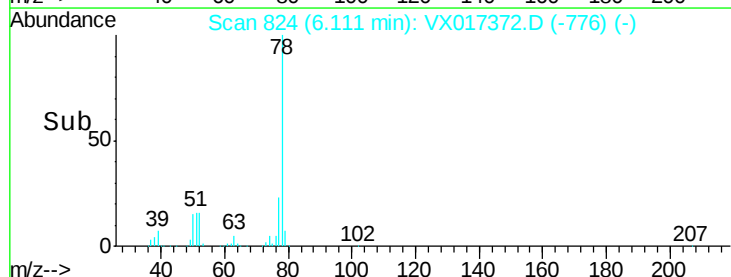
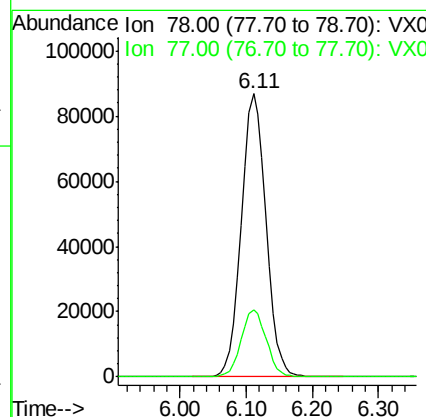
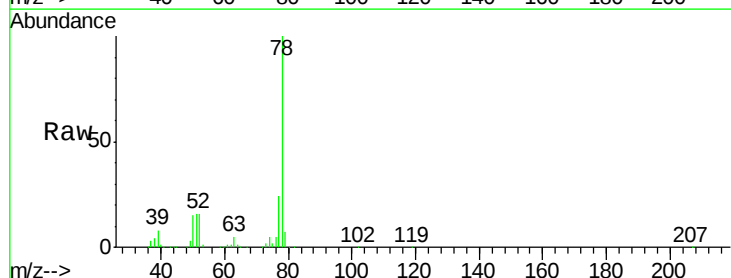
Manual Integrations
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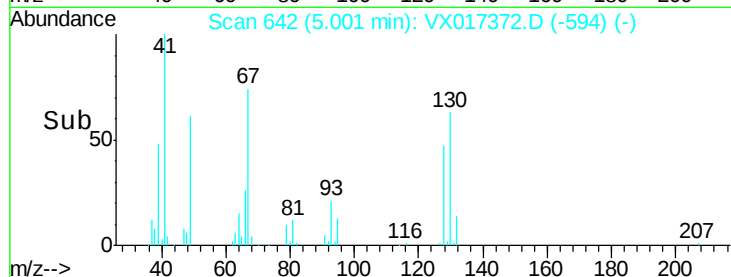
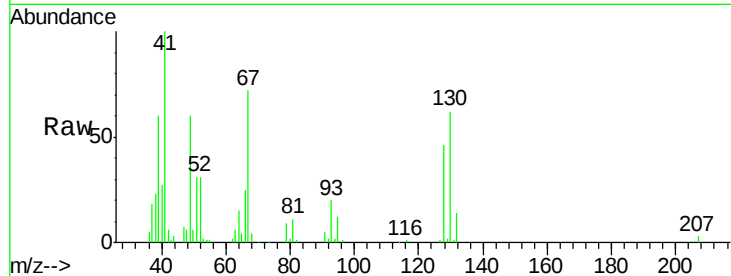
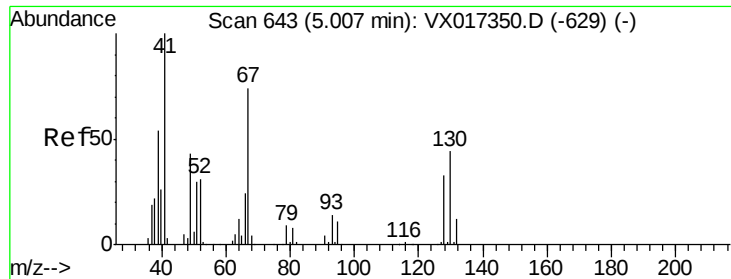
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#40
Benzene
Concen: 19.993 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 19.616 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	43.8	65.8	
67	72.5	58.7	88.1	
52	31.9	24.9	37.3	

Instrument :

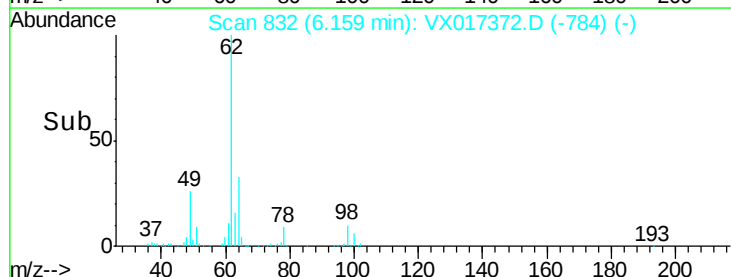
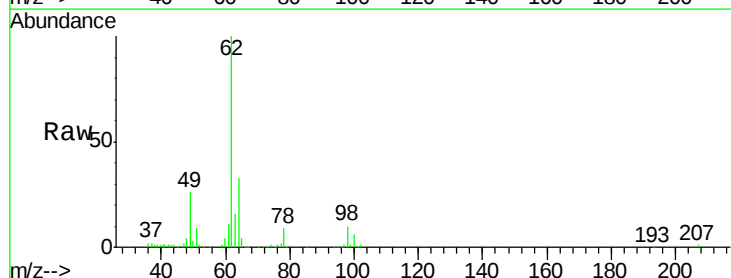
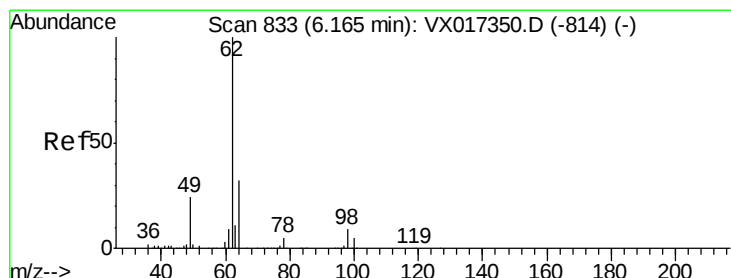
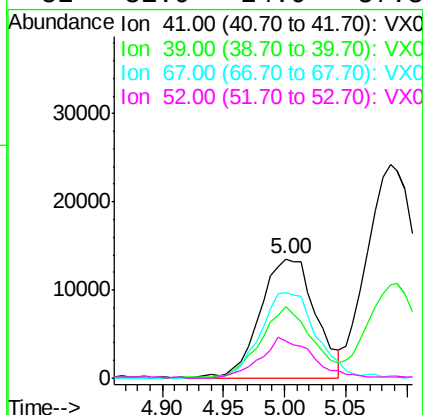
MSVOA_X

ClientSampleId :

VX0714WBSD01

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#42

1,2-Dichloroethane

Concen: 20.123 ug/l

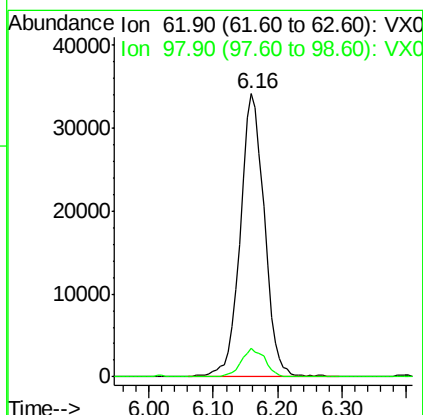
RT: 6.16 min Scan# 832

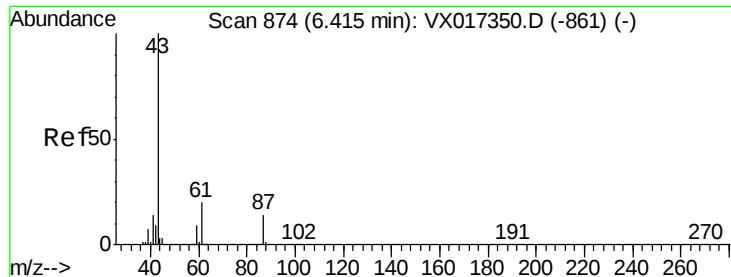
Delta R.T. -0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.4	





#43

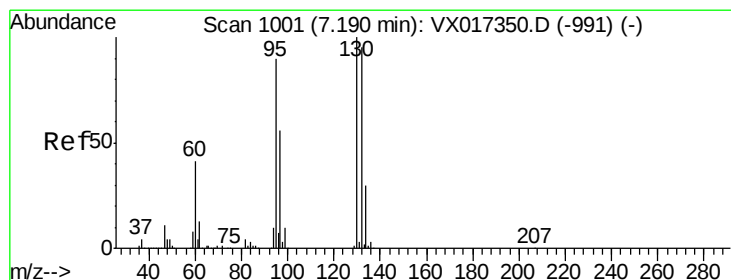
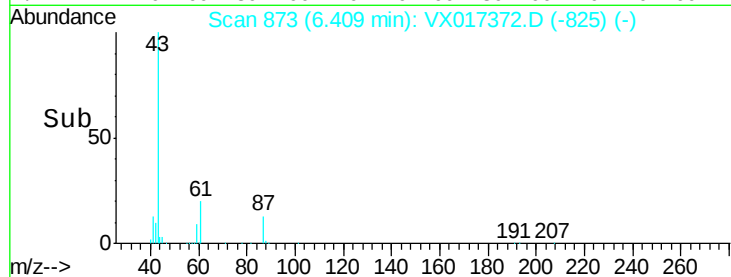
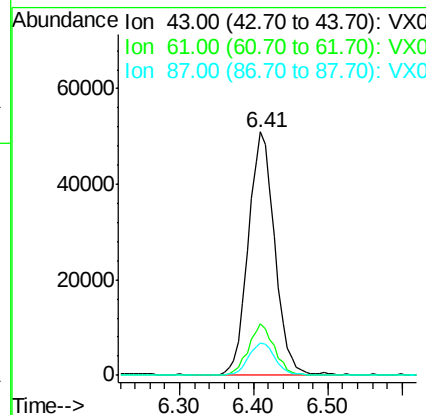
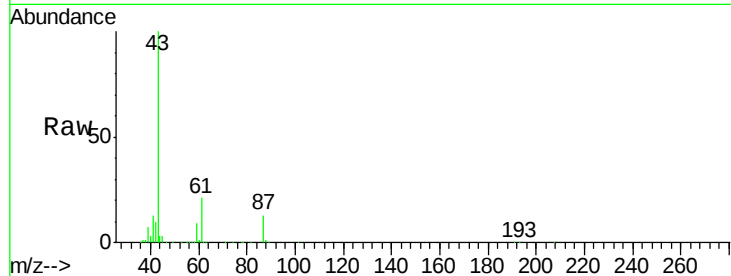
Isopropyl Acetate
 Concen: 19.513 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.4	24.6
87	13.5	11.2	16.8

Manual Integrations
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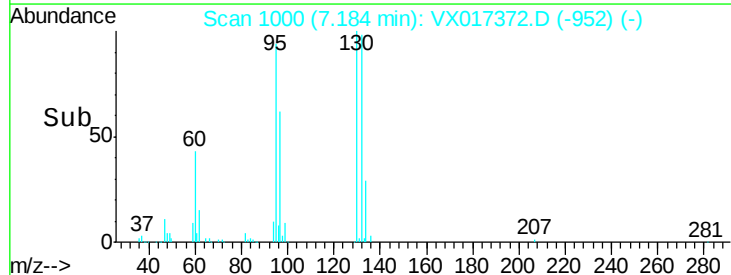
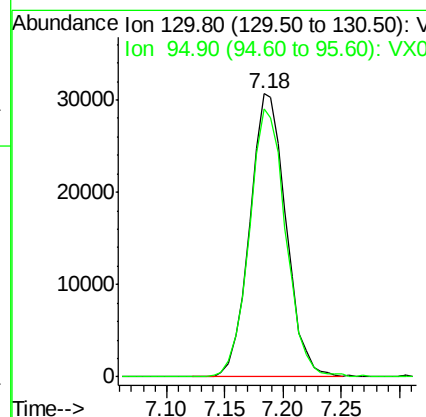
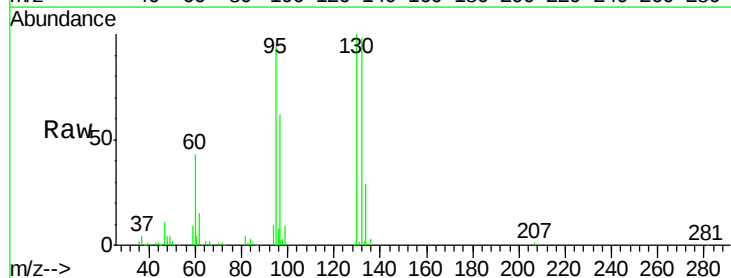
MMDadoda
 7/15/2020 11:43:20 AM

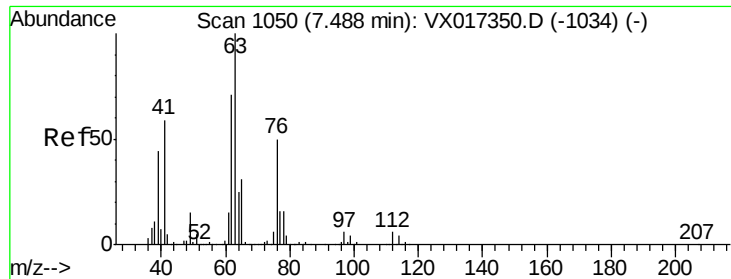


#44

Trichloroethene
 Concen: 19.322 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	180.2





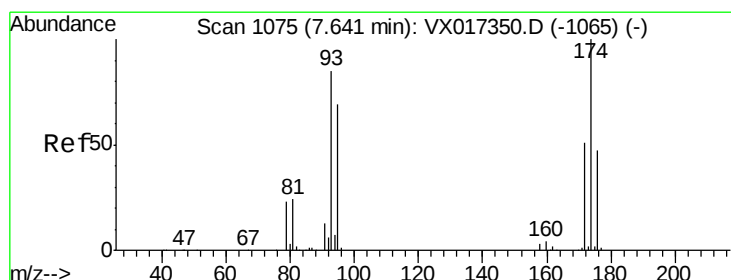
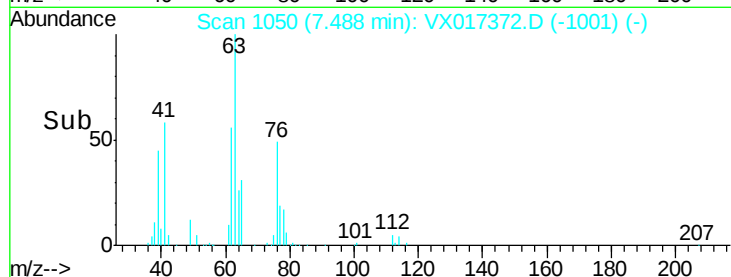
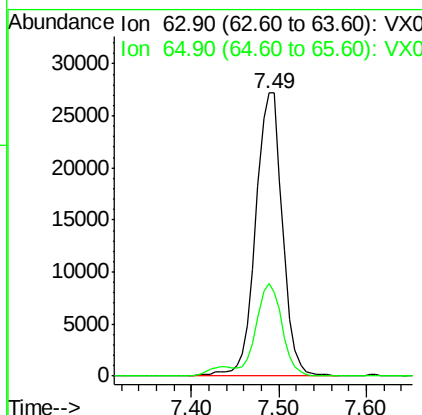
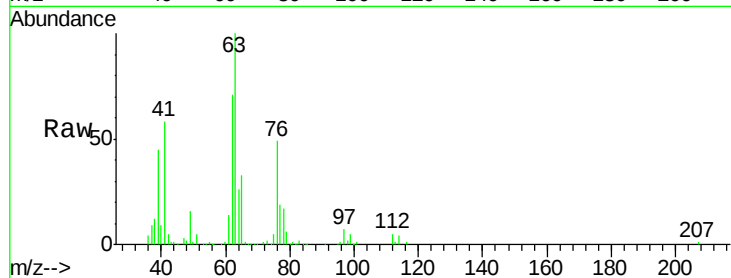
#45
 1,2-Dichloropropane
 Concen: 20.169 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion: 63 Resp: 58154
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.5 36.7

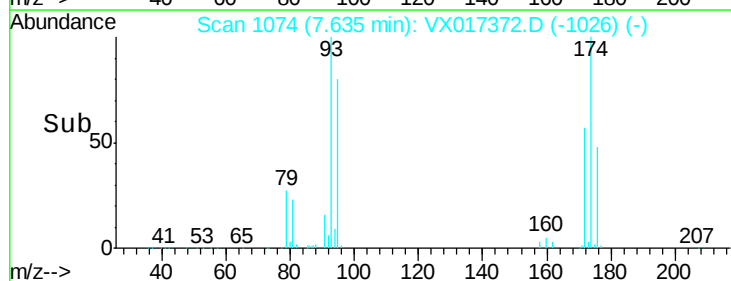
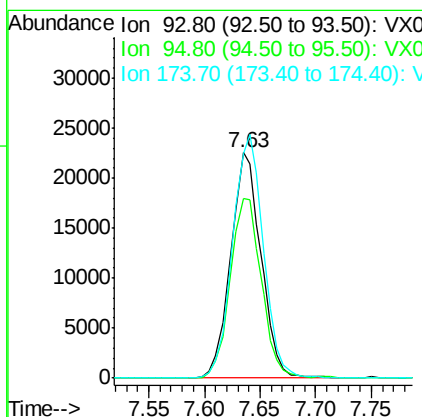
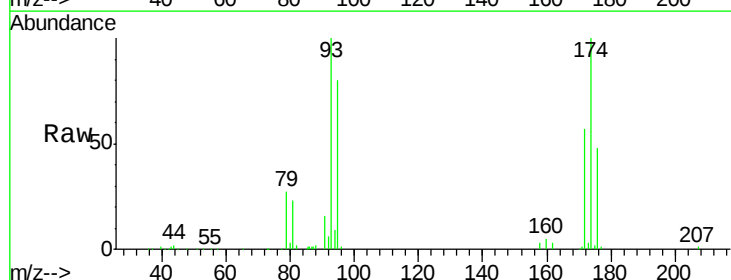
Manual Integrations
 APPROVED

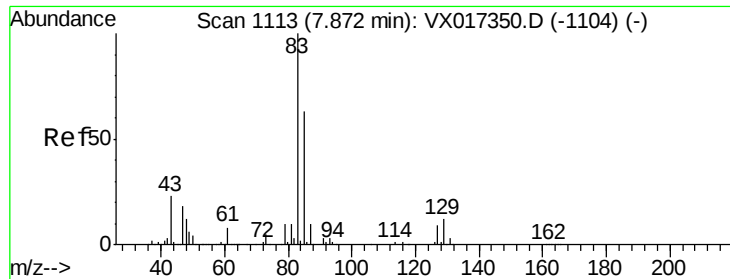
MMDadoda
 7/15/2020 11:43:20 AM



#46
 Dibromomethane
 Concen: 20.482 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion: 93 Resp: 42594
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.4 98.2
 174 109.3 91.2 136.8





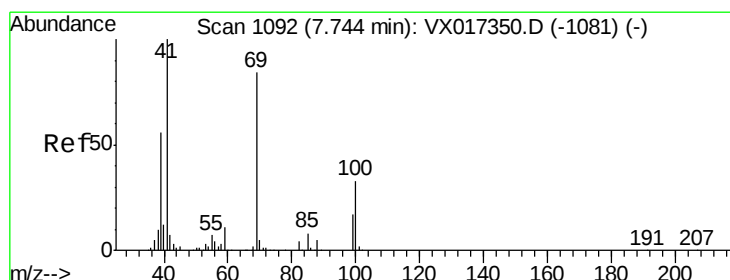
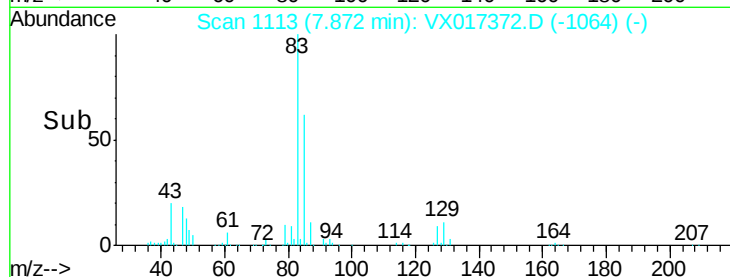
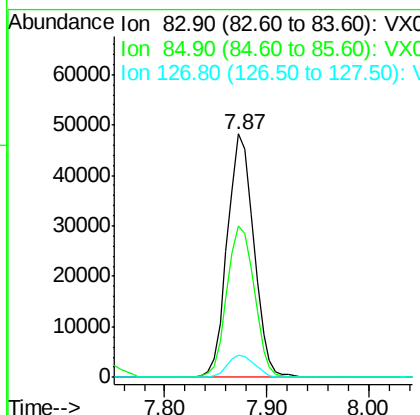
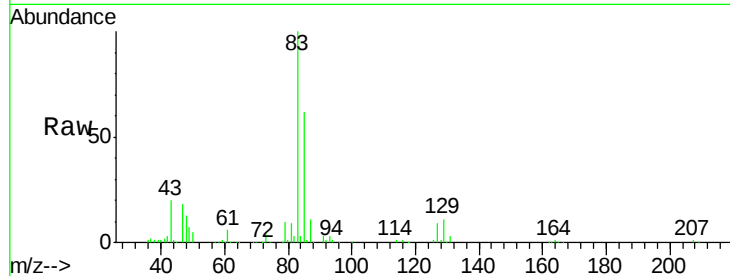
#47
Bromodichloromethane
Concen: 19.982 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	83	Resp	86874
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	50.2	75.4
127	9.2	7.1	10.7

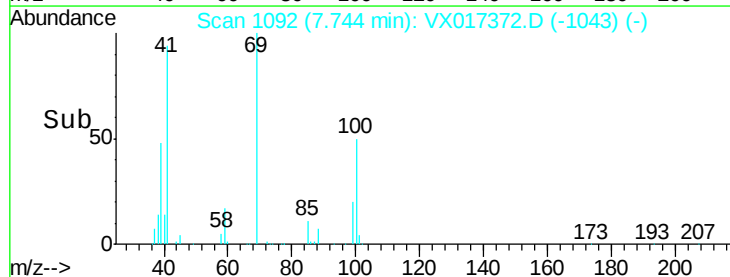
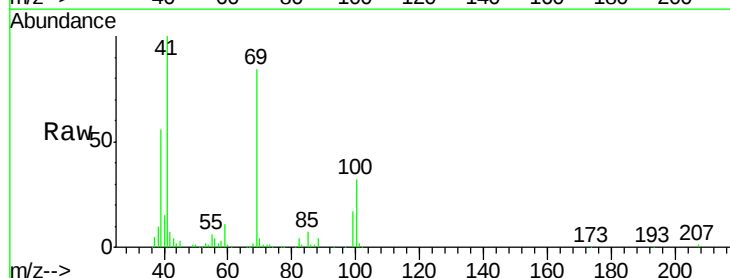
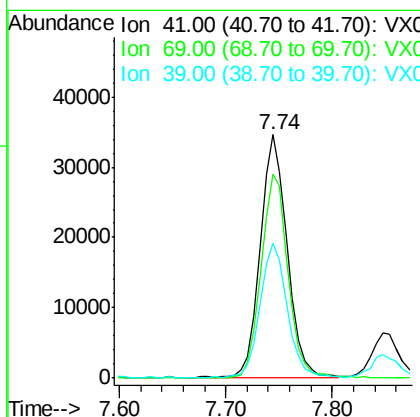
Manual Integrations
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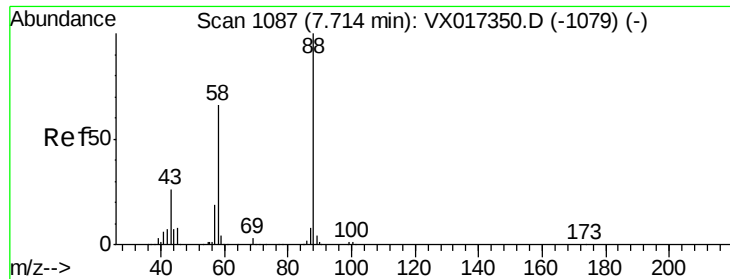
MMDadoda
7/15/2020 11:43:20 AM



#48
Methyl methacrylate
Concen: 19.648 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	41	Resp	61093
Ion Ratio	100	Lower	Upper
41	100		
69	84.4	67.8	101.6
39	56.2	45.1	67.7





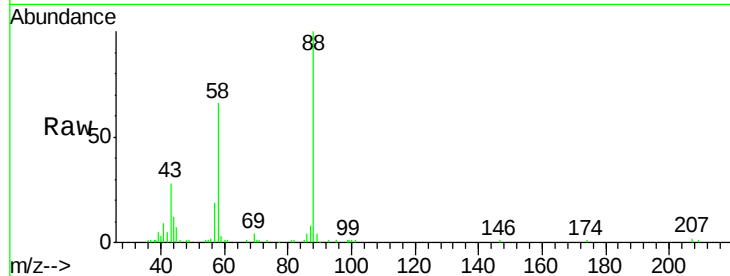
#49
1,4-Dioxane
Concen: 417.212 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.6	38.4
58	70.3	53.9	80.9

Manual Integrations
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MMDadoda
7/15/2020 11:43:20 AM

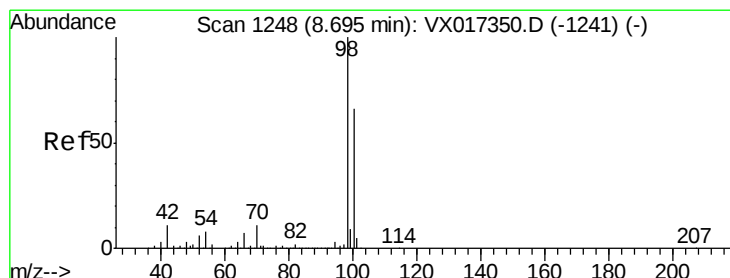
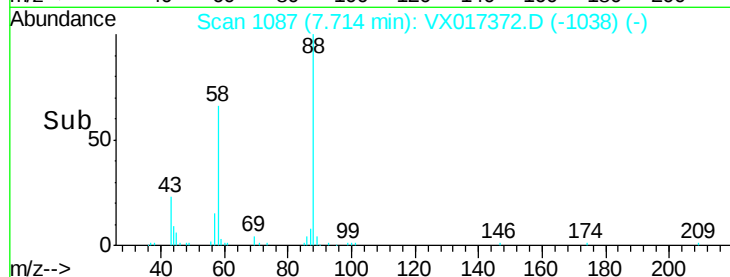
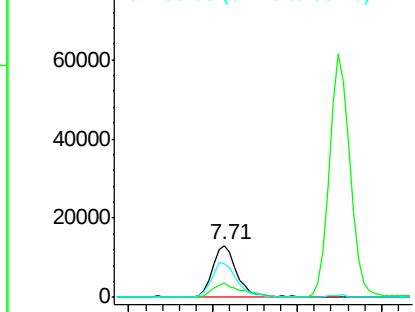


Abundance

Ion 88.00 (87.70 to 88.70): VX0

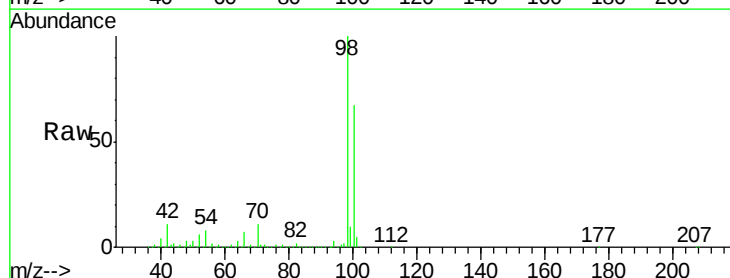
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.356 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

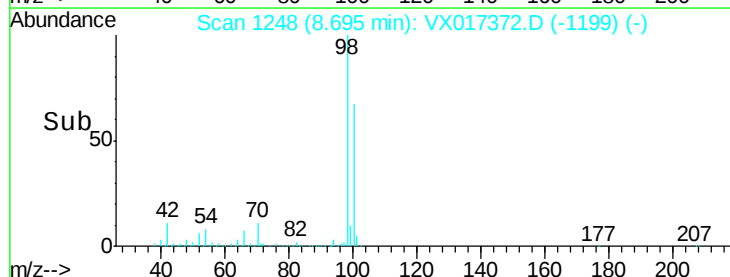
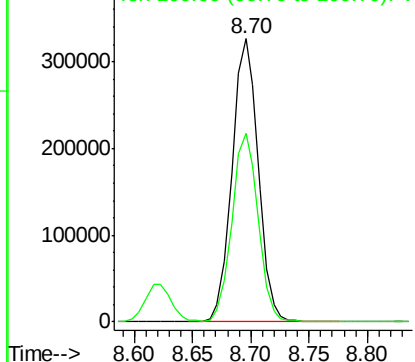
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.2

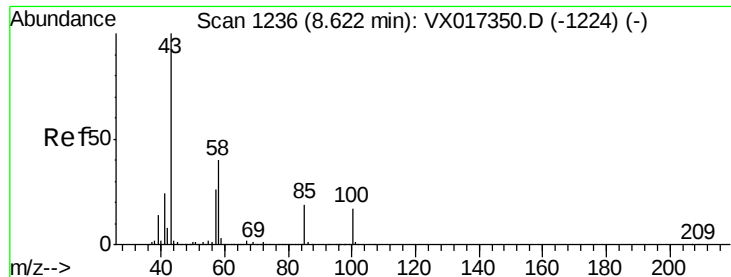


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





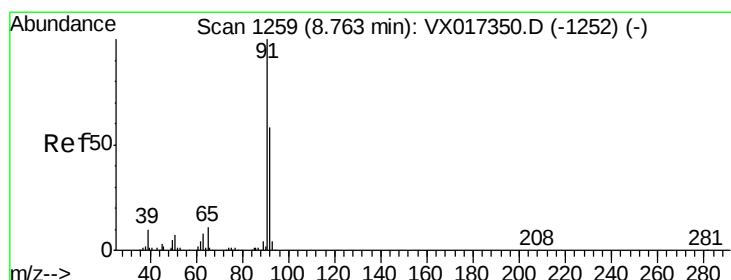
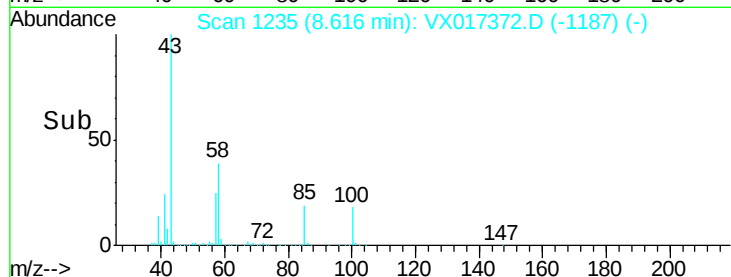
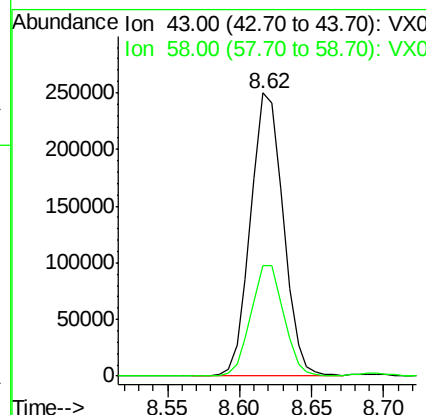
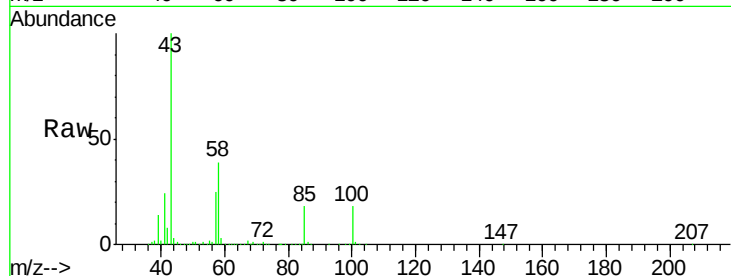
#51
4-Methyl-2-Pentanone
Concen: 99.045 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.2	48.2

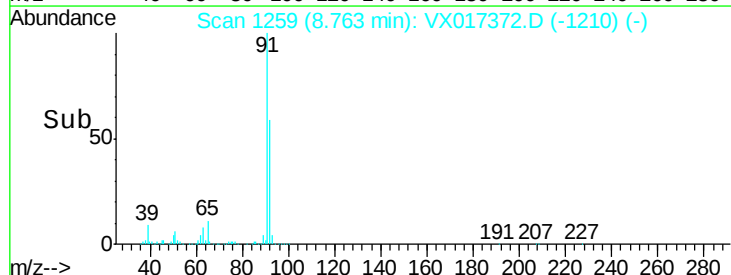
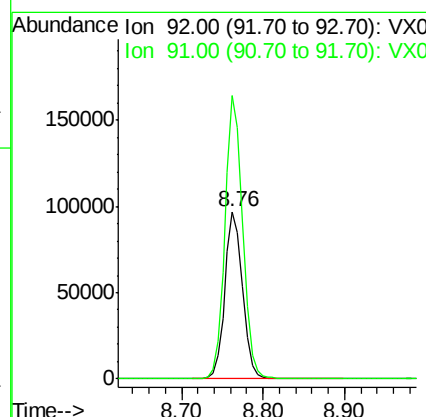
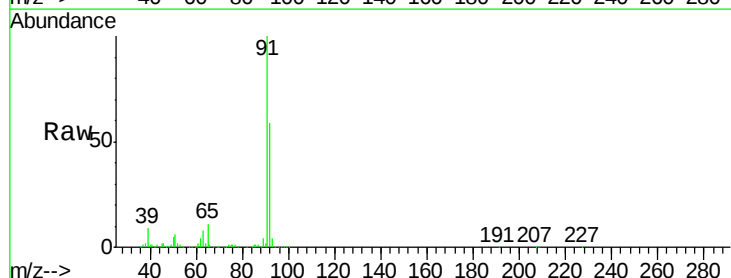
Manual Integrations
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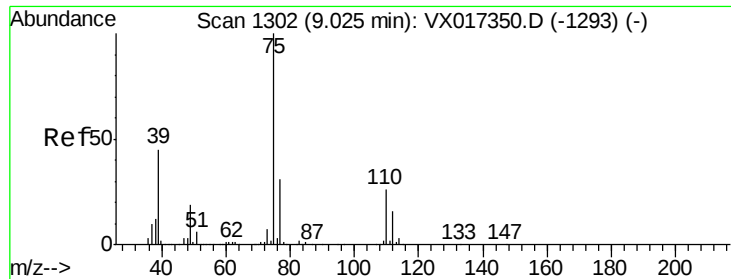
MMDadoda
7/15/2020 11:43:20 AM



#52
Toluene
Concen: 20.274 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.8	136.7	205.1





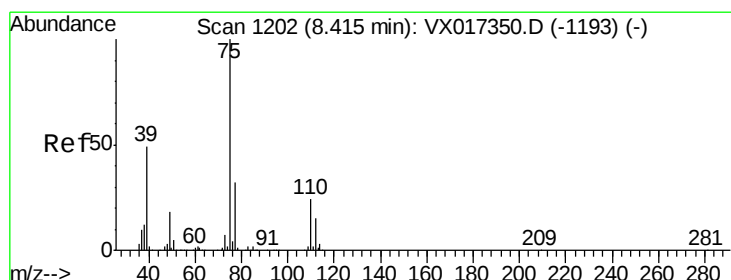
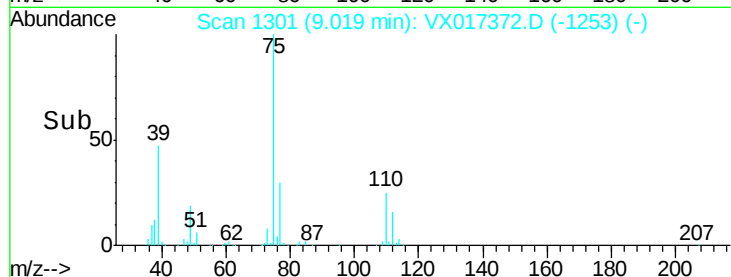
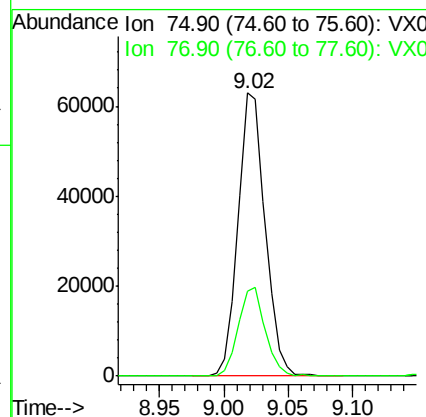
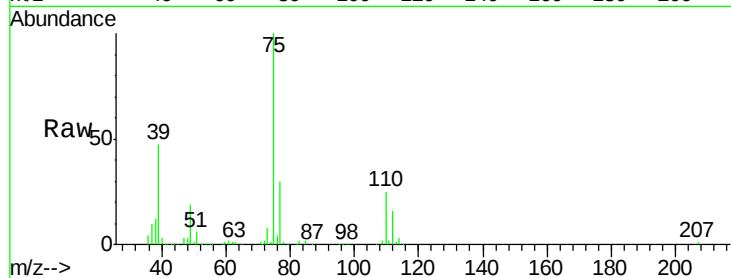
#53
t-1,3-Dichloropropene
Concen: 19.753 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion: 75 Resp: 92520
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.6

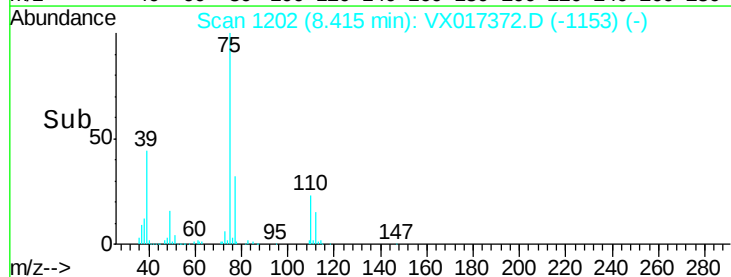
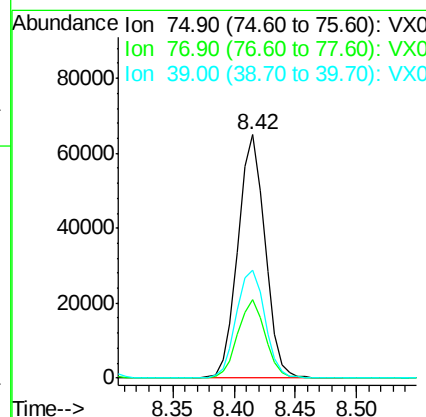
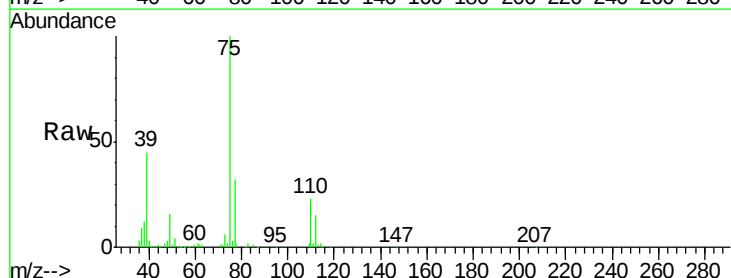
Manual Integrations
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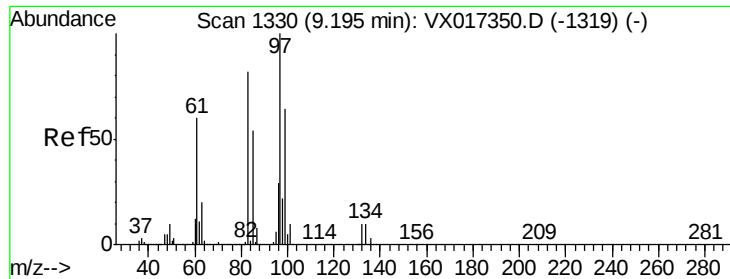
MMDadoda
7/15/2020 11:43:20 AM



#54
cis-1,3-Dichloropropene
Concen: 19.955 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion: 75 Resp: 99689
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 44.4 38.9 58.3





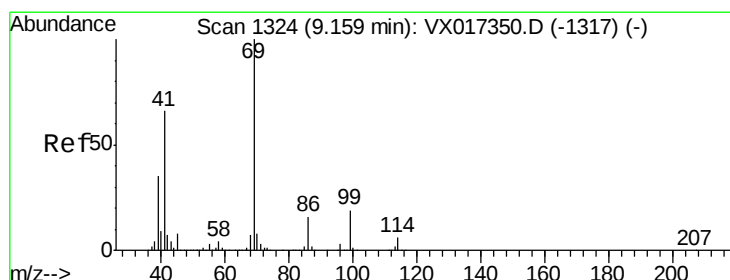
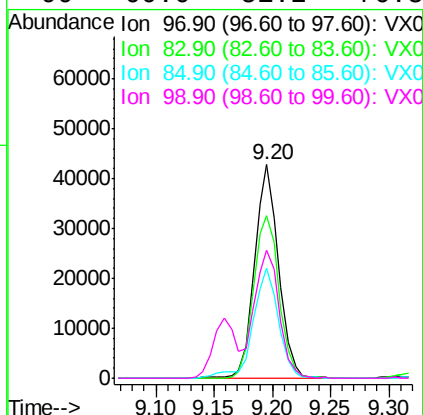
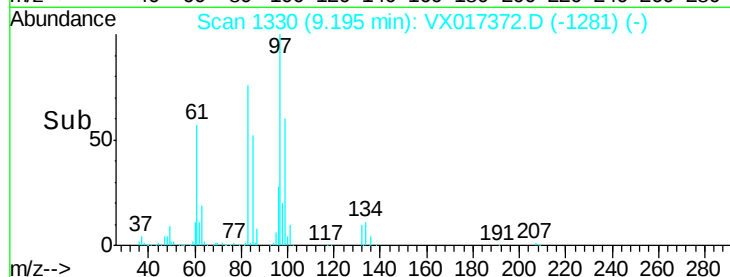
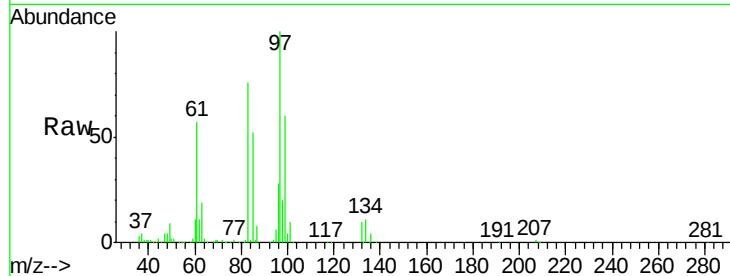
#55
 1,1,2-Trichloroethane
 Concen: 20.309 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		61240		
83	76.2		65.8	98.6	
85	51.8		42.8	64.2	
99	60.0		51.2	76.8	

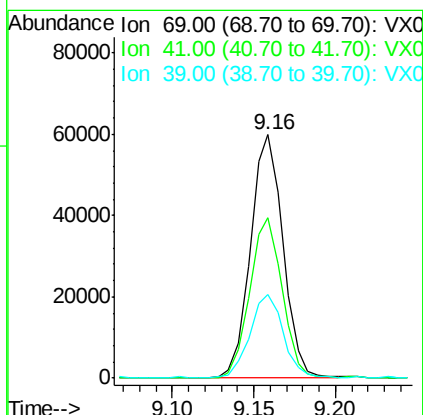
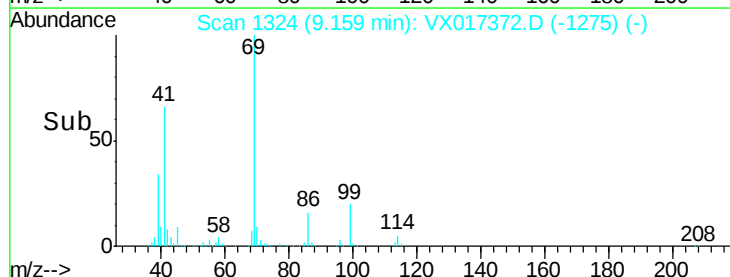
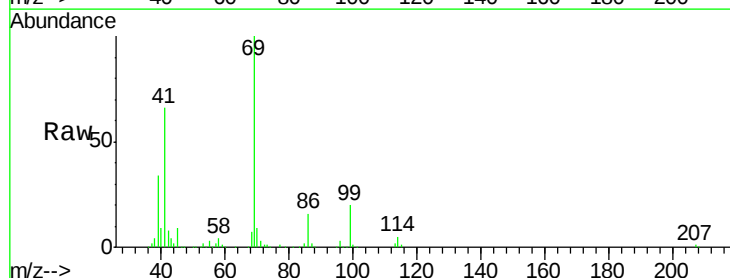
Manual Integrations
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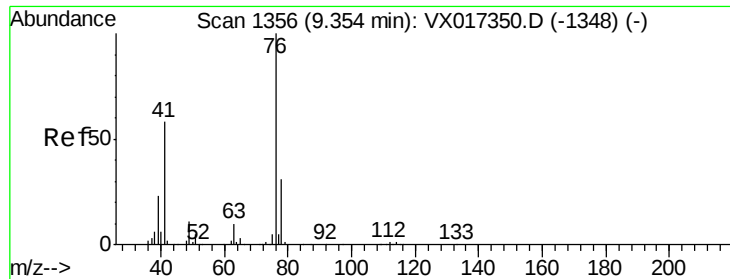
MMDadoda
 7/15/2020 11:43:20 AM



#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		83187		
41	65.9		52.6	78.8	
39	34.8		28.8	43.2	





#57

1,3-Dichloropropane

Concen: 19.580 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 76 Resp: 98214

Ion Ratio Lower Upper

76 100

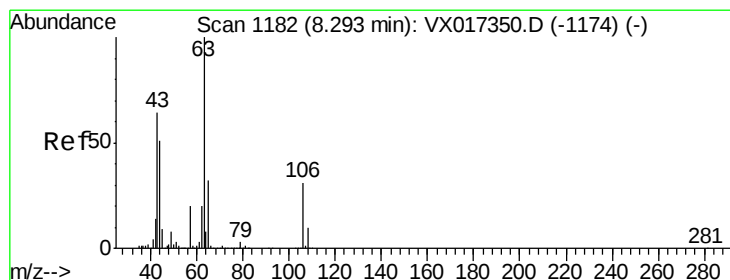
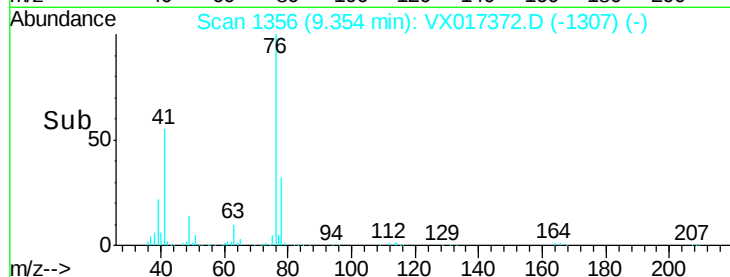
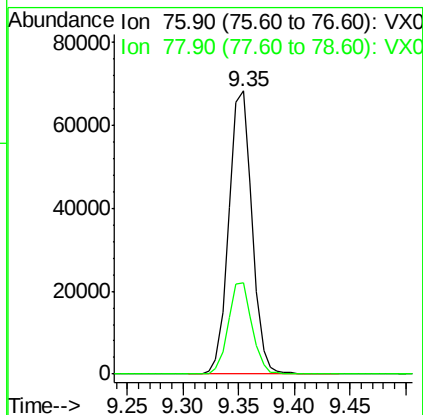
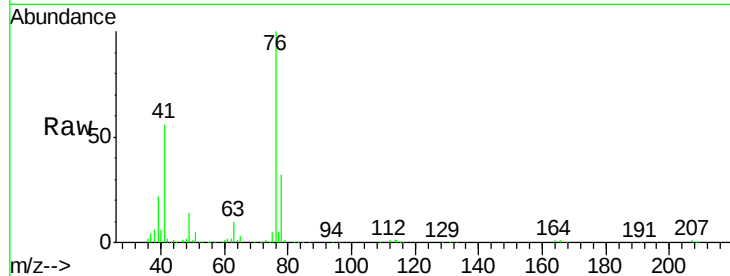
78 32.9 25.8 38.6

Manual Integrations

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MMDadoda

7/15/2020 11:43:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.994 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017372.D

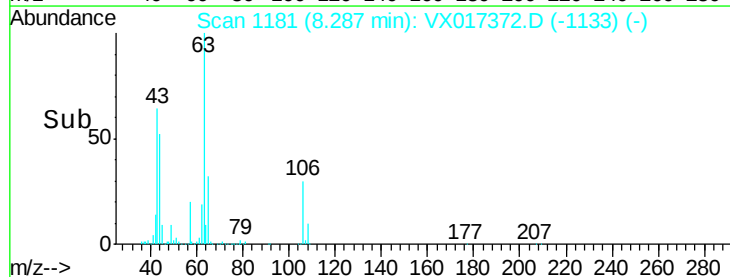
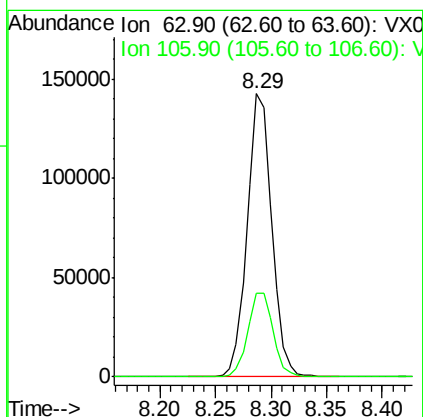
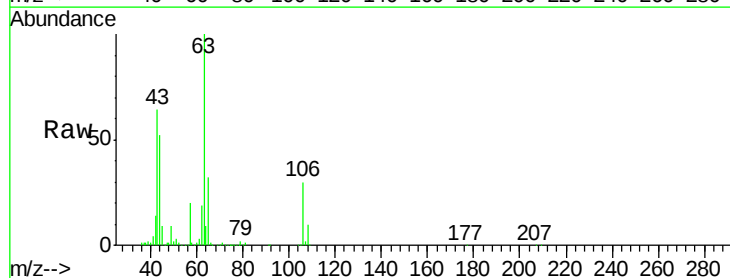
Acq: 14 Jul 2020 12:40

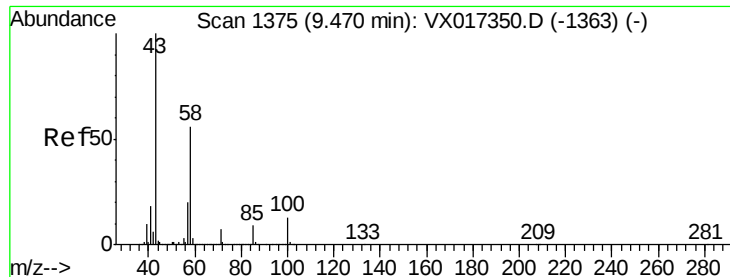
Tgt Ion: 63 Resp: 219536

Ion Ratio Lower Upper

63 100

106 30.6 24.8 37.2





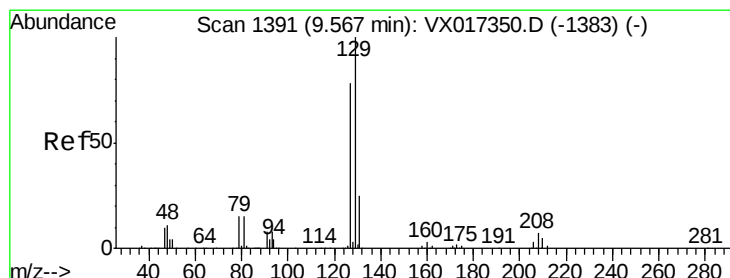
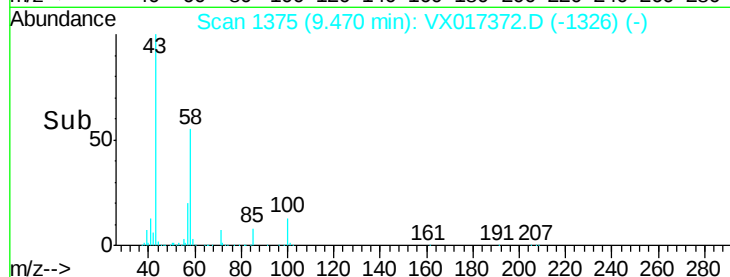
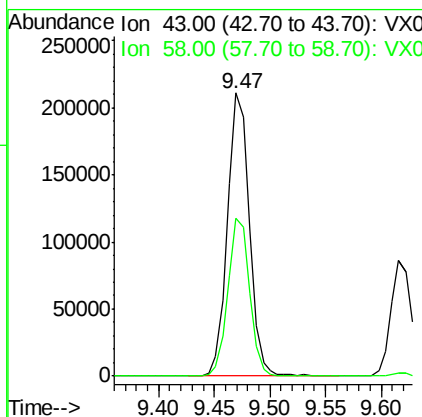
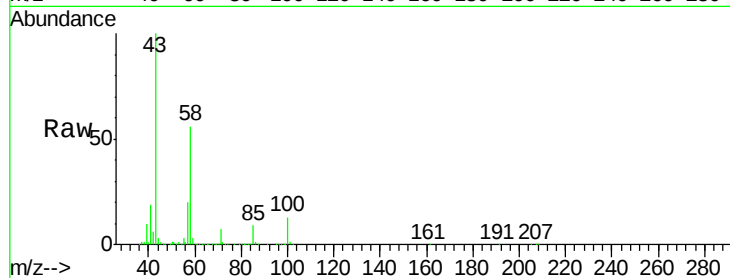
#59
2-Hexanone
Concen: 96.418 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	28.1	84.3

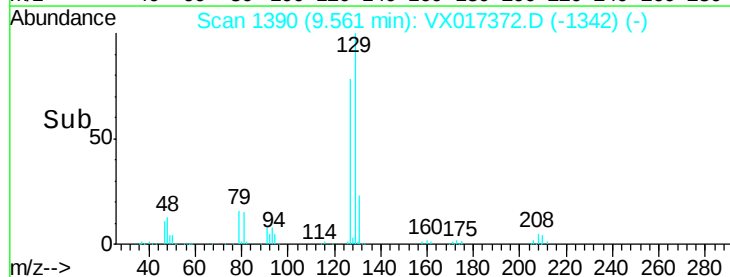
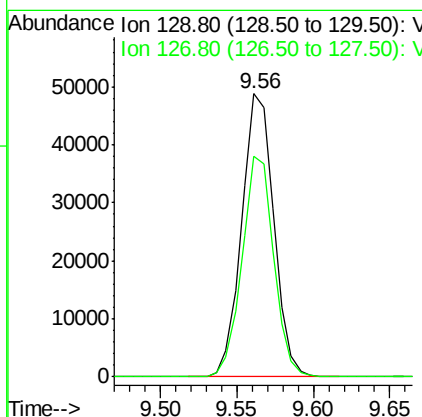
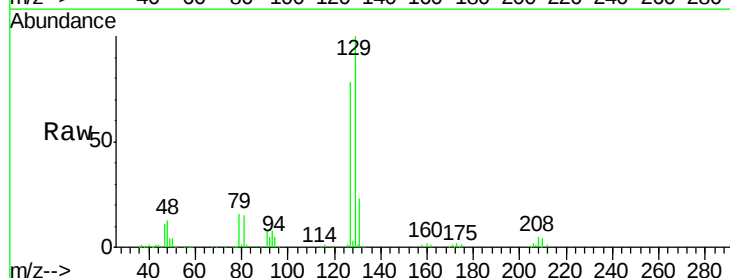
Manual Integrations
APPROVED

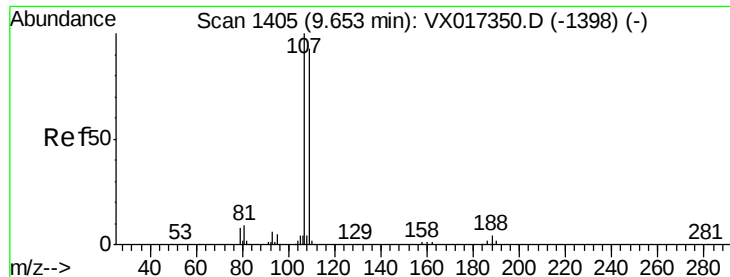
MMDadoda
7/15/2020 11:43:20 AM



#60
Dibromochloromethane
Concen: 19.326 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.9	116.6





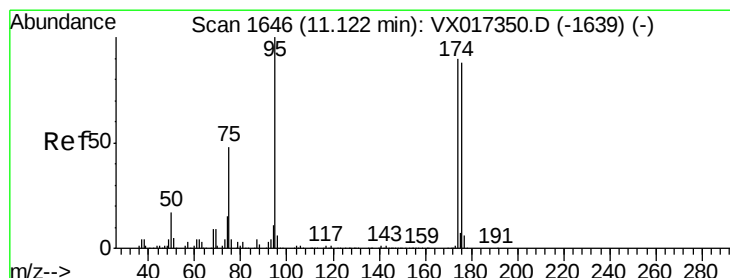
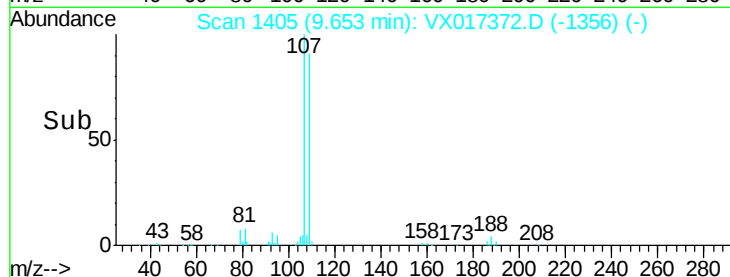
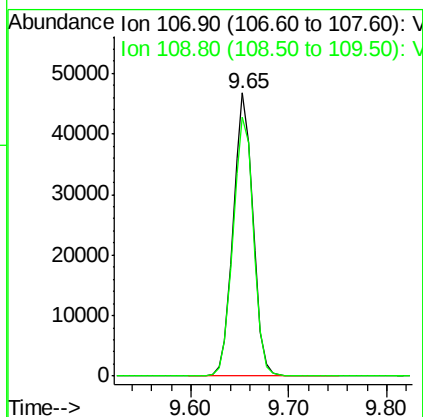
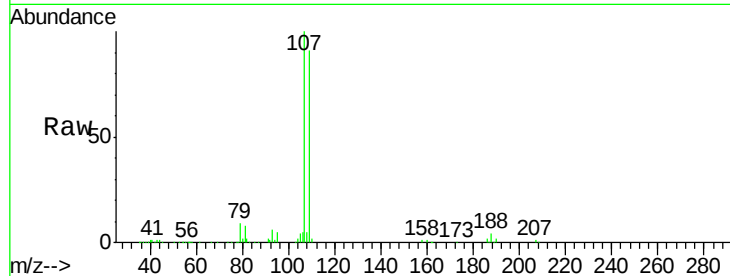
#61
 1,2-Dibromoethane
 Concen: 19.975 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.0	112.4

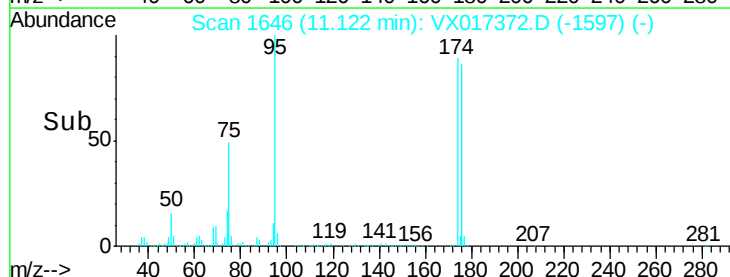
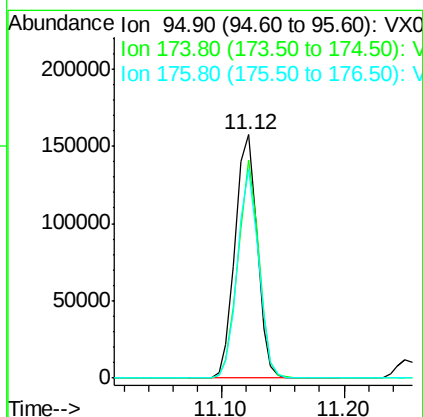
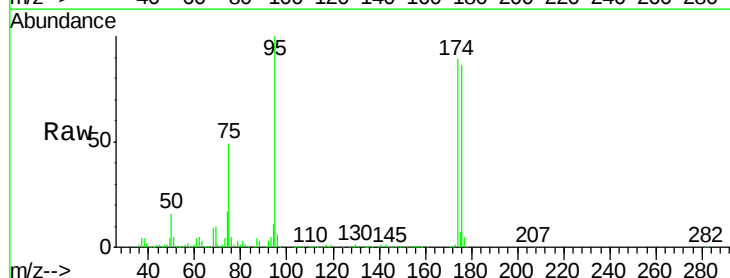
Manual Integrations
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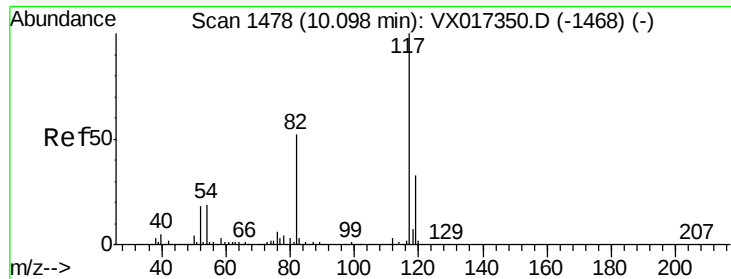
MMDadoda
 7/15/2020 11:43:20 AM



#62
 4-Bromofluorobenzene
 Concen: 47.708 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	175.8
176	82.3	0.0	164.6





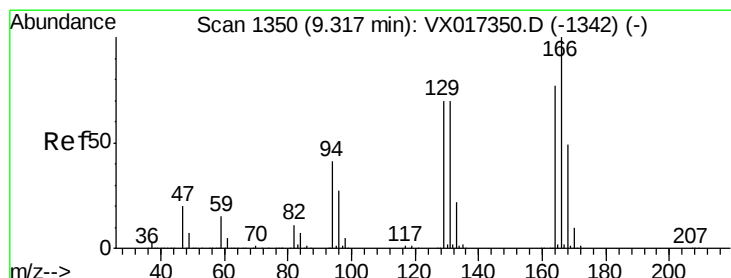
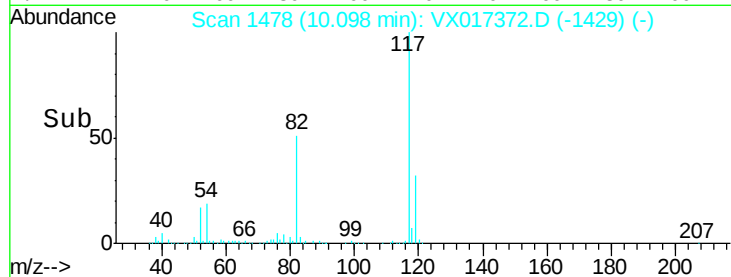
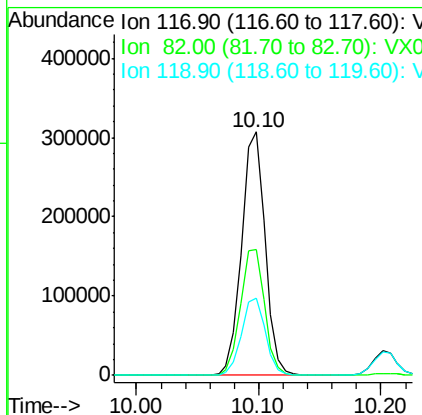
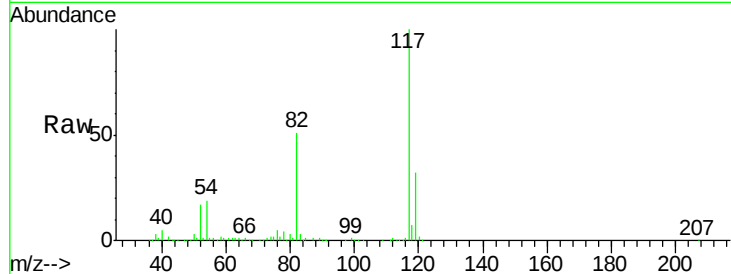
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	408383		
82	51.4	42.0	63.0	
119	31.8	26.3	39.5	

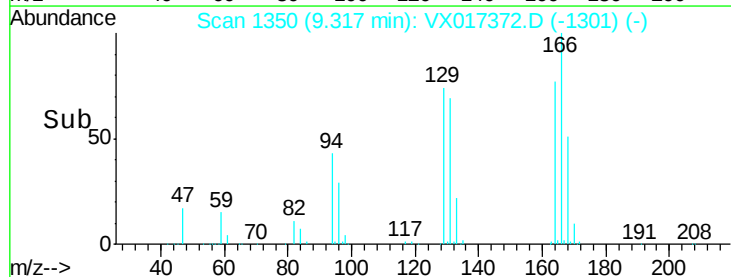
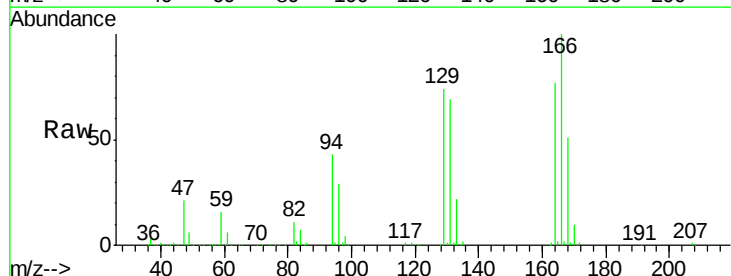
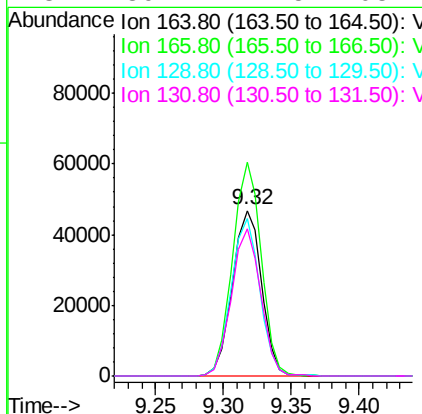
Manual Integrations
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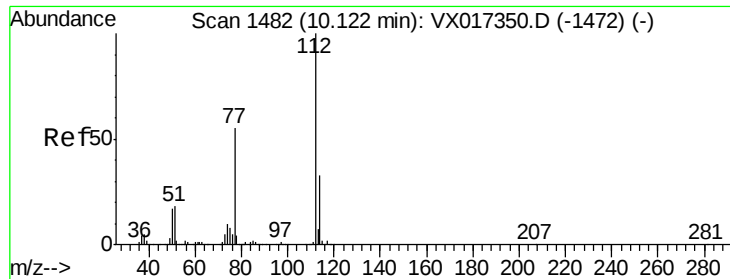
MMDadoda
7/15/2020 11:43:20 AM



#64
Tetrachloroethene
Concen: 19.798 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69978		
166	129.3	103.9	155.9	
129	95.4	72.9	109.3	
131	89.1	72.5	108.7	





#65

Chlorobenzene

Concen: 19.306 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion:112 Resp: 160227

Ion Ratio Lower Upper

112 100

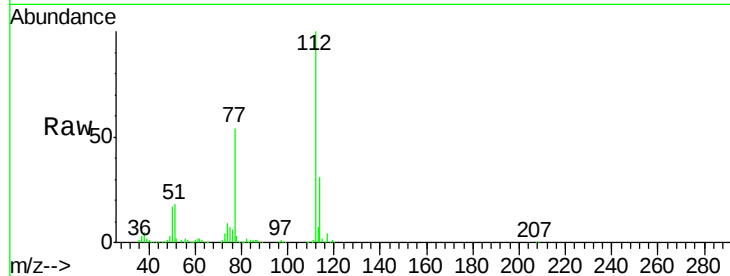
114 30.5 26.0 39.0

Manual Integrations

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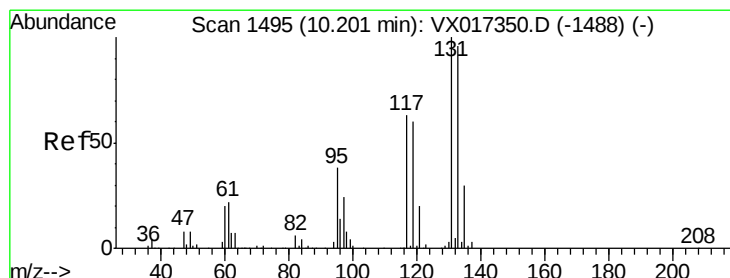
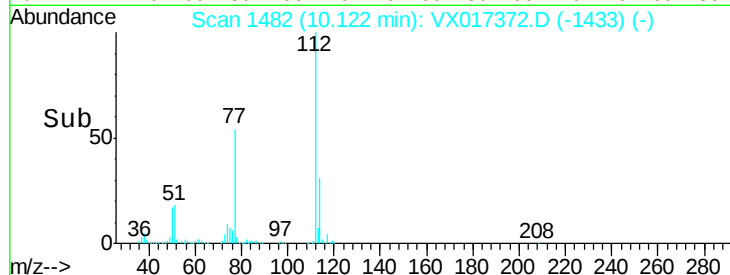
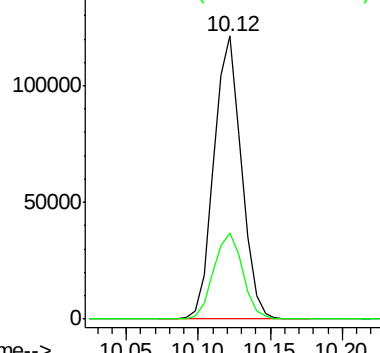
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

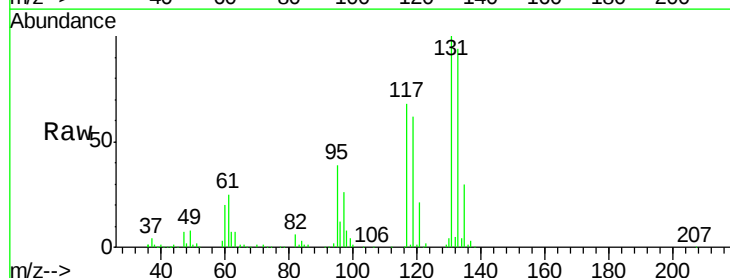
Tgt Ion:131 Resp: 64826

Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.2

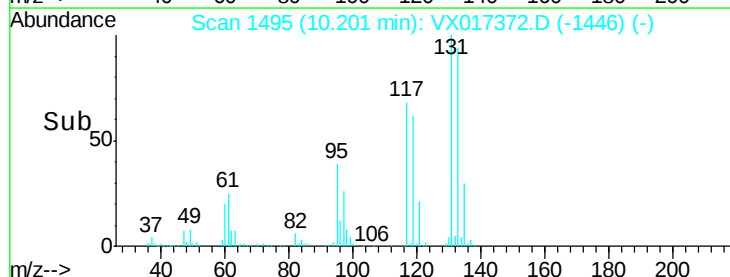
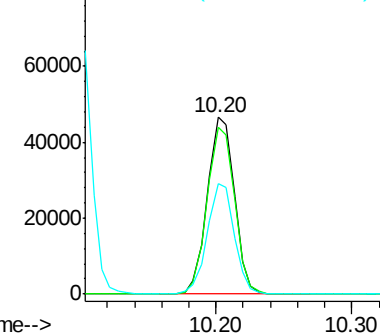
119 62.4 31.2 93.6

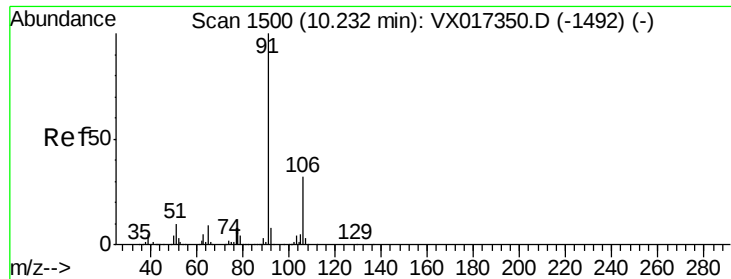


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





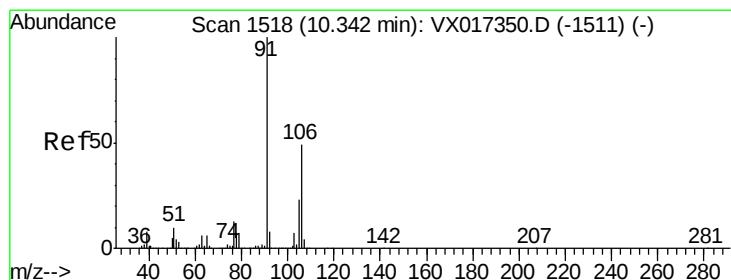
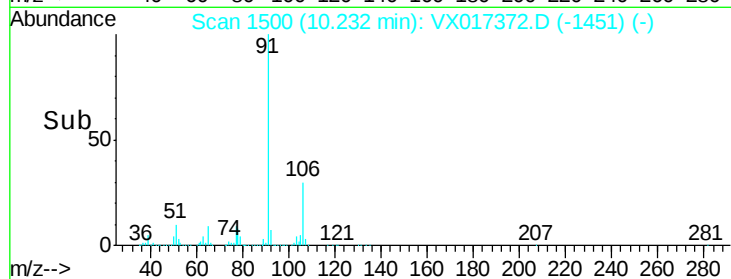
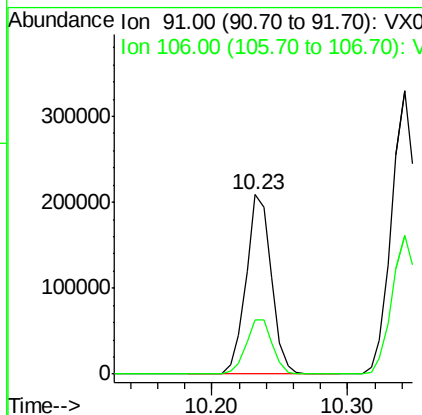
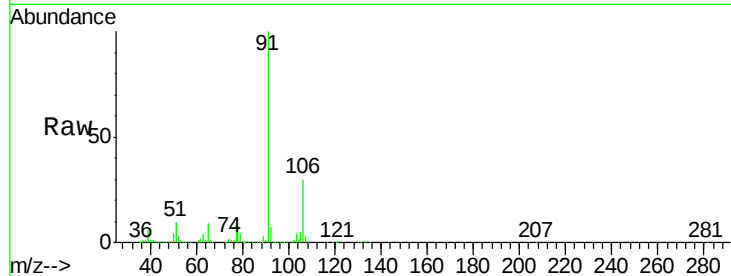
#67
Ethyl Benzene
Concen: 19.645 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampled :
VX0714WBSD01

Tot Ion: 91 Resp: 271409
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

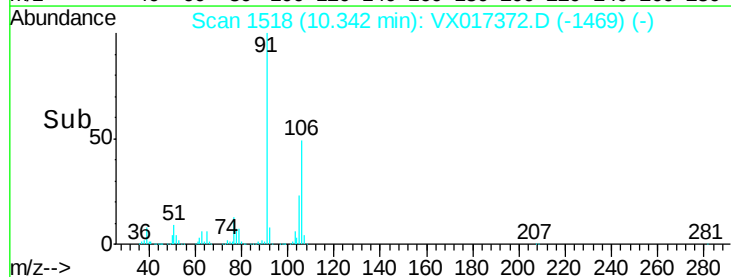
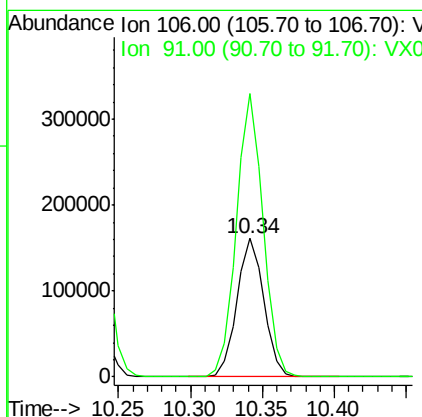
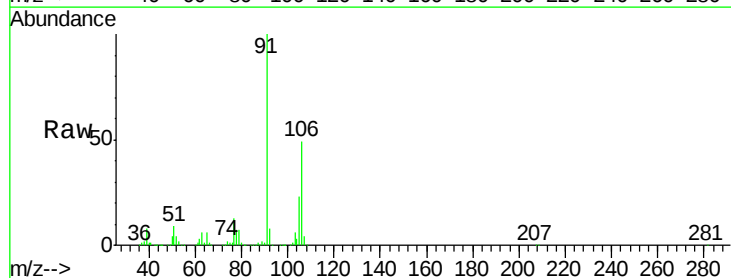
Manual Integrations
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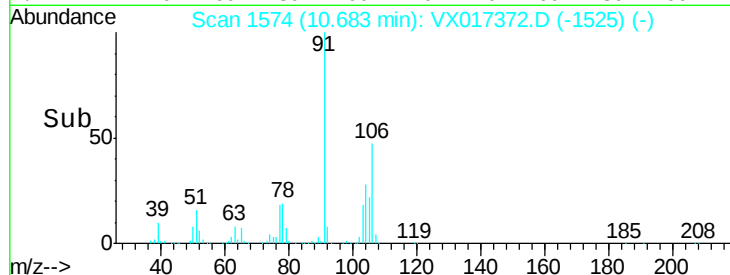
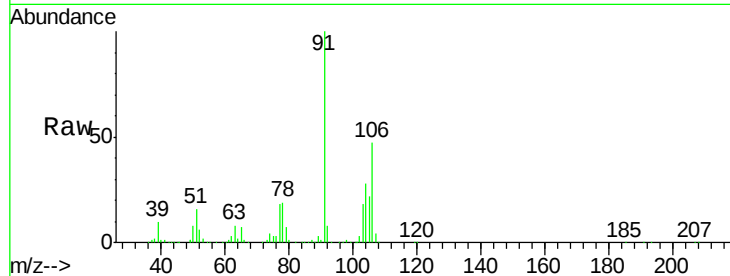
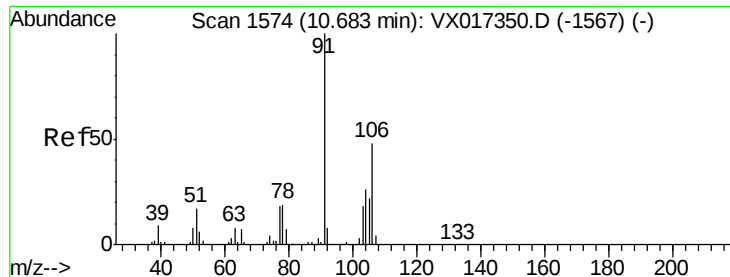
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7/15/2020 11:43:20 AM



#68
m/p-Xylenes
Concen: 39.983 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion: 106 Resp: 210180
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7





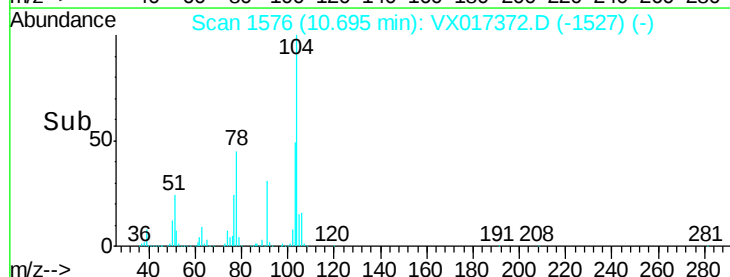
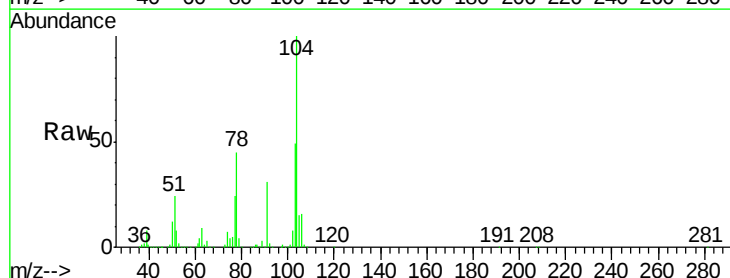
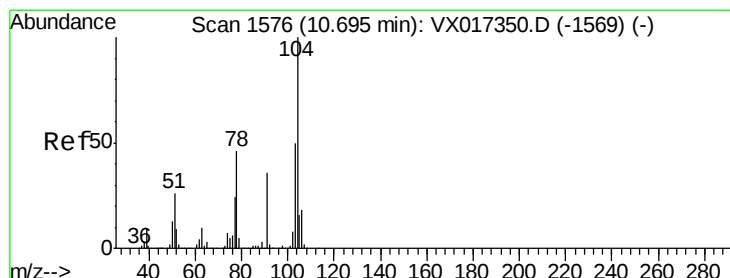
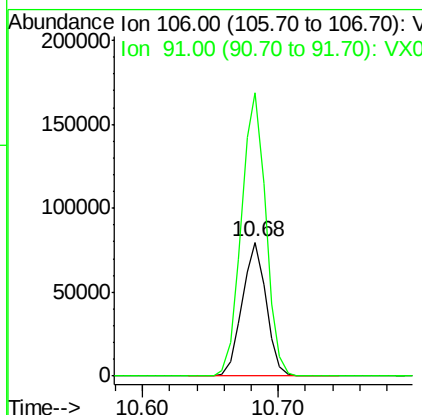
#69
o-Xylene
Concen: 19.562 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tot Ion:106 Resp: 98262
Ion Ratio Lower Upper
106 100
91 214.4 106.1 318.1

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

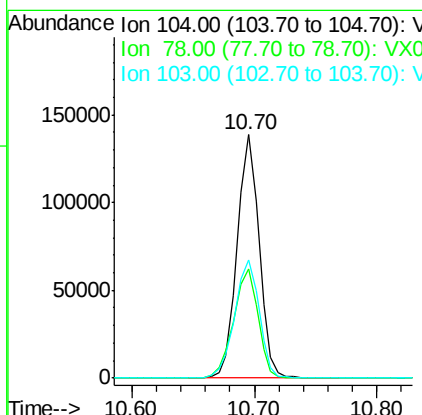
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#70
Styrene
Concen: 19.897 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion:104 Resp: 171553
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 54.6 43.3 64.9





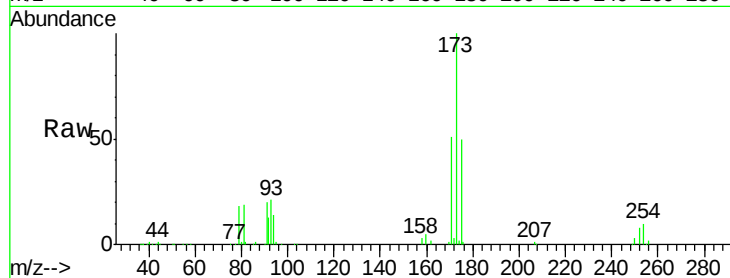
#71
Bromoform
Concen: 19.628 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

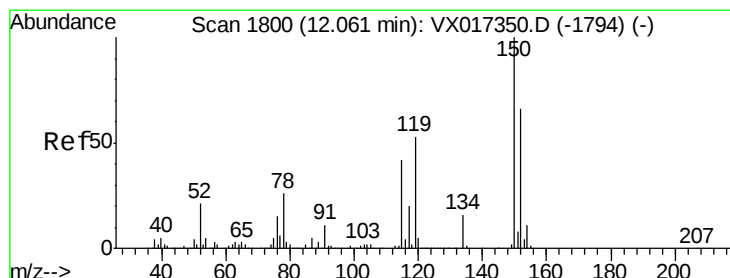
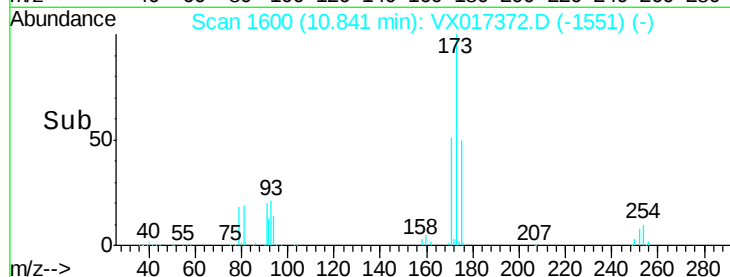
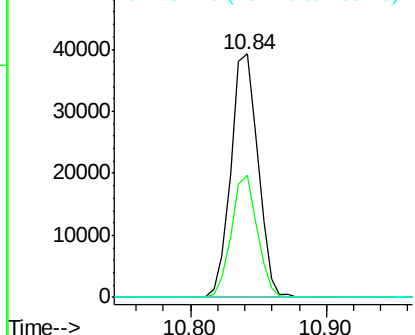
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.7	74.1
254	0.2	0.1	0.1#

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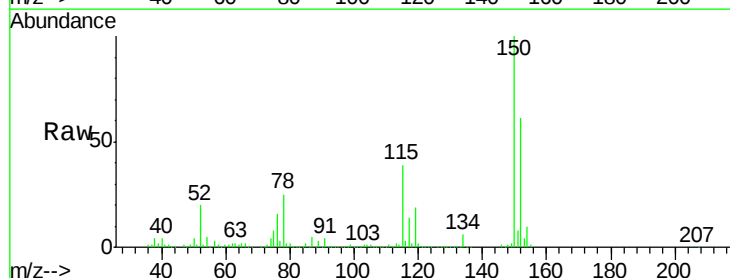


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

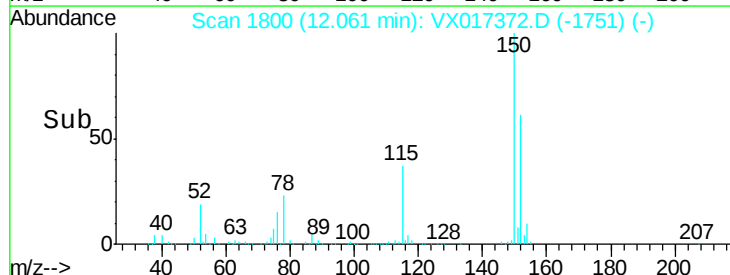
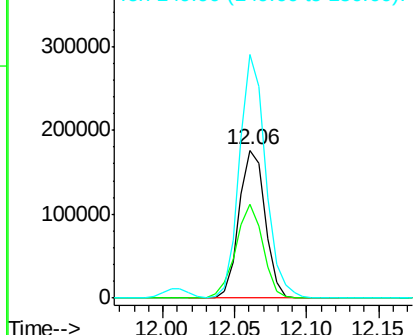


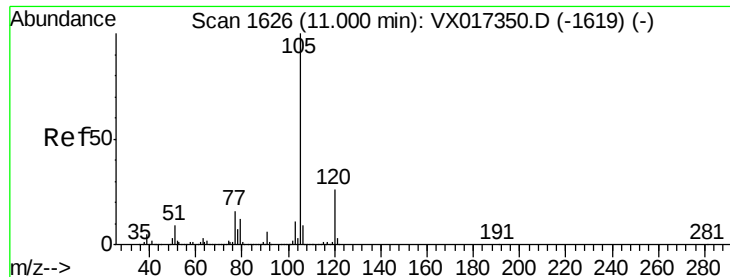
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.1	39.9	119.7
150	164.9	0.0	343.4



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: 19.435 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 105 Resp: 270591

Ion Ratio Lower Upper

105 100

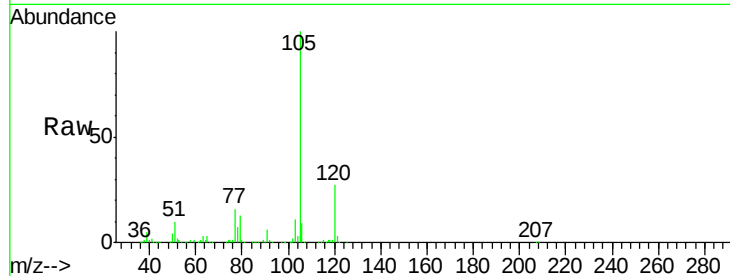
120 26.9 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

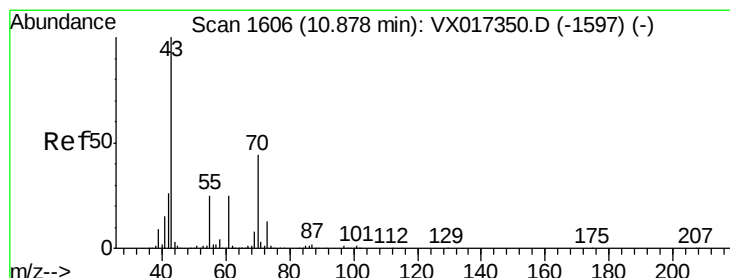
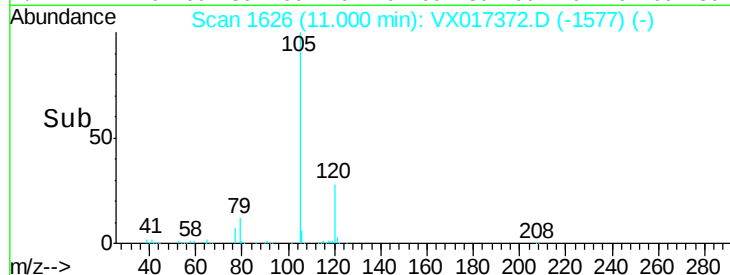
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.245 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion: 43 Resp: 107226

Ion Ratio Lower Upper

43 100

70 44.3 35.7 53.5

55 25.3 20.3 30.5

61 24.5 20.0 30.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

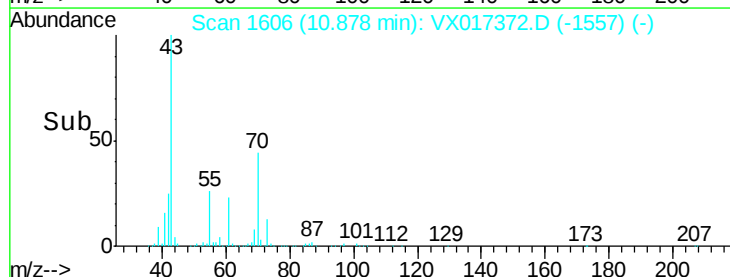
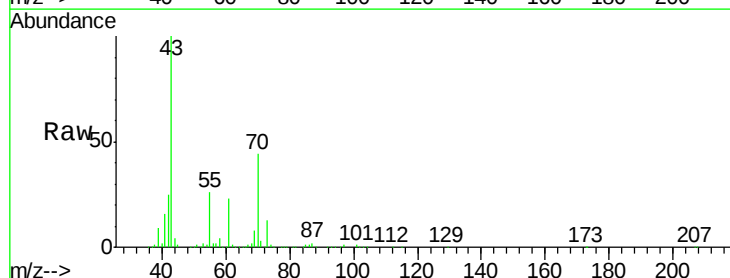
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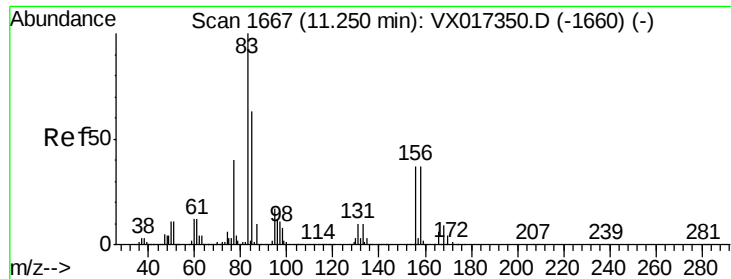
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.000 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 83 Resp: 84545

Ion Ratio Lower Upper

83 100

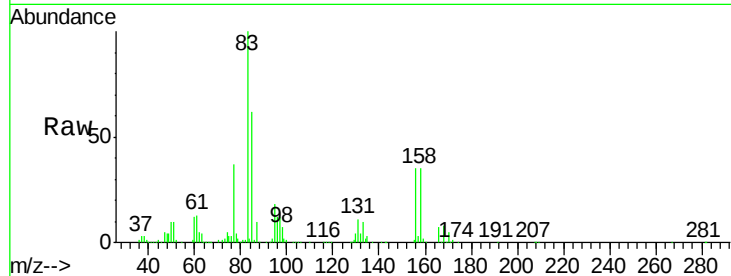
131 11.4 5.5 16.7

85 63.7 32.6 98.0

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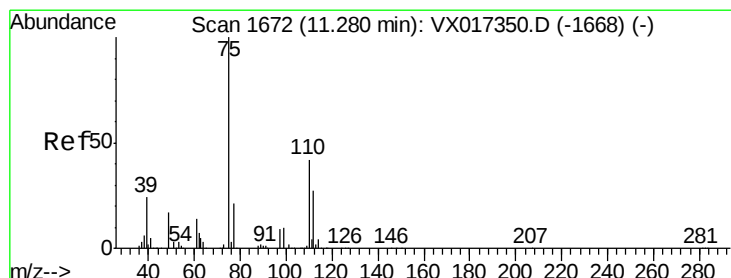
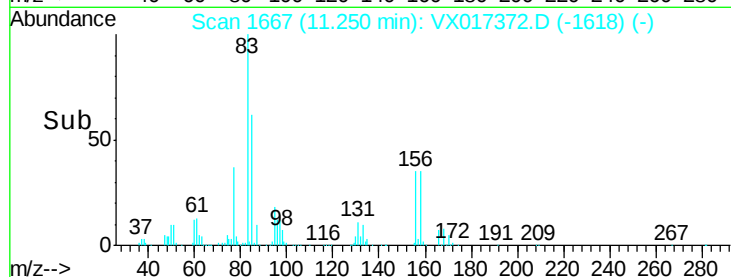
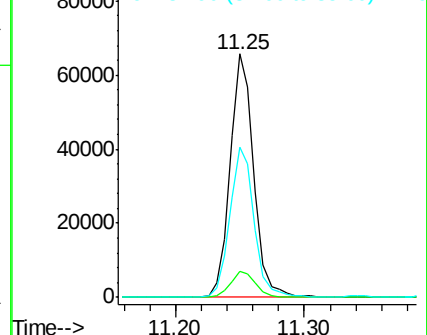
7/15/2020 11:43:20 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.932 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017372.D

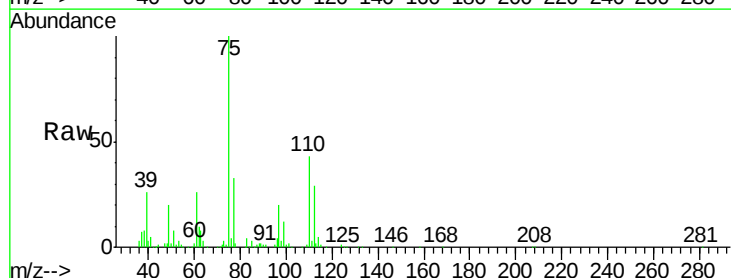
Acq: 14 Jul 2020 12:40

Tgt Ion: 75 Resp: 81803

Ion Ratio Lower Upper

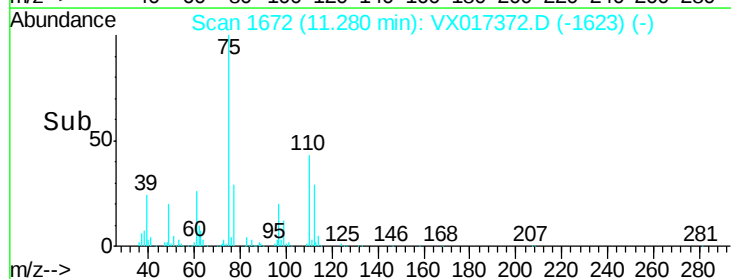
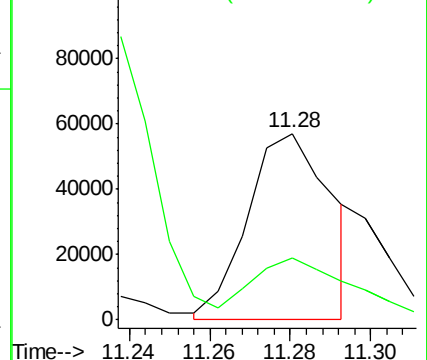
75 100

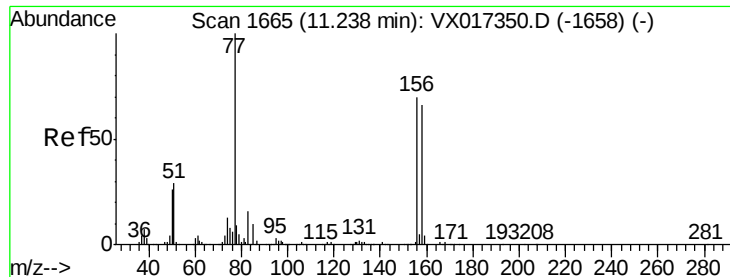
77 40.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.934 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion:156 Resp: 75082

Ion Ratio Lower Upper

156 100

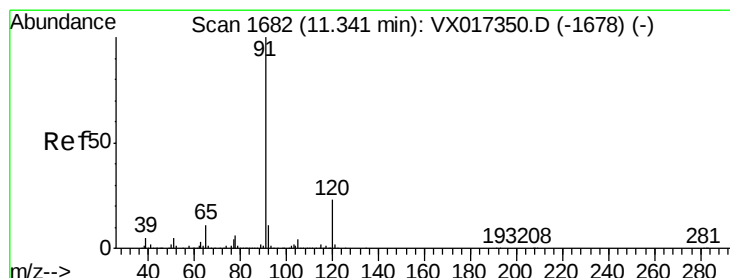
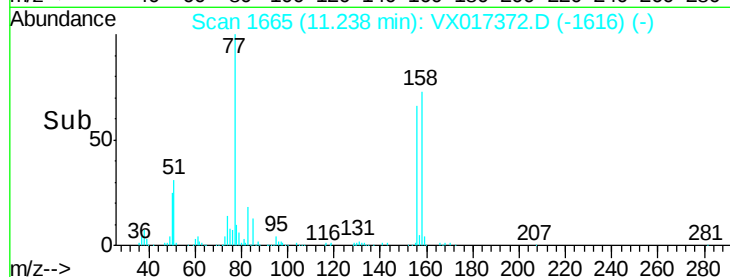
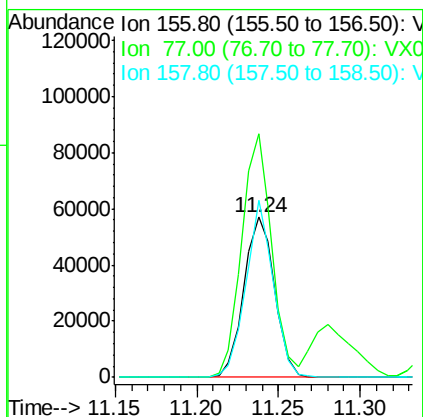
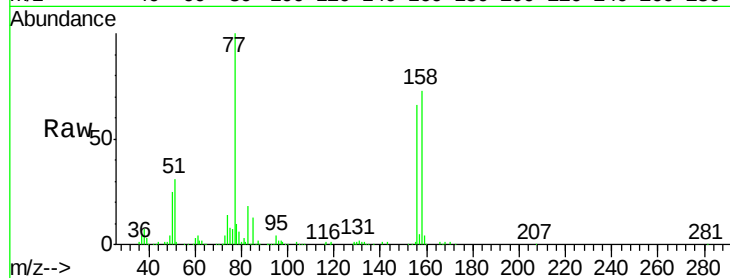
77 148.7 72.1 216.3

158 98.9 47.4 142.3

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#78

n-propylbenzene

Concen: 19.705 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017372.D

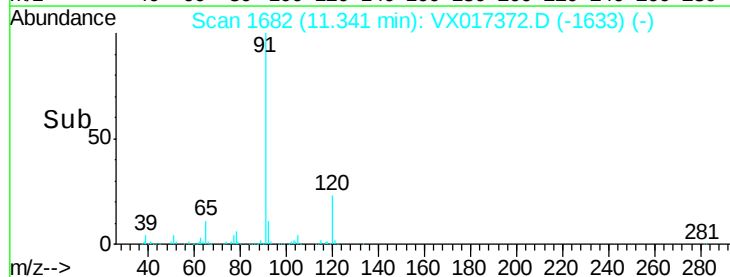
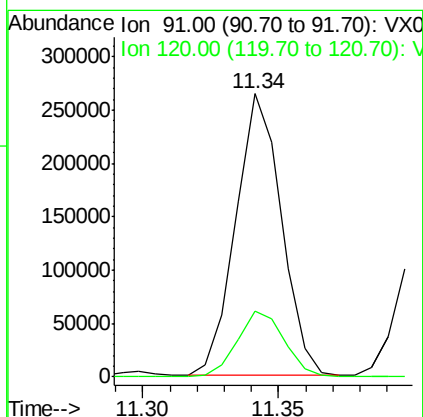
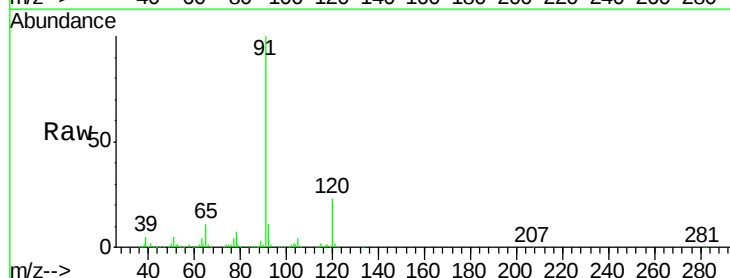
Acq: 14 Jul 2020 12:40

Tgt Ion: 91 Resp: 308124

Ion Ratio Lower Upper

91 100

120 24.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 19.293 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBSD01

Tot Ion: 91 Resp: 185904

Ion Ratio Lower Upper

91 100

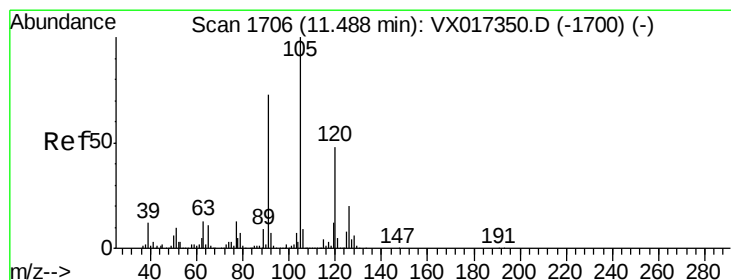
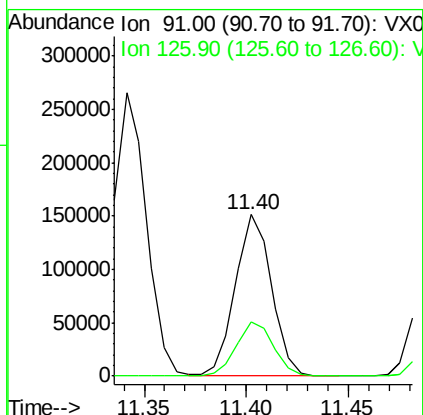
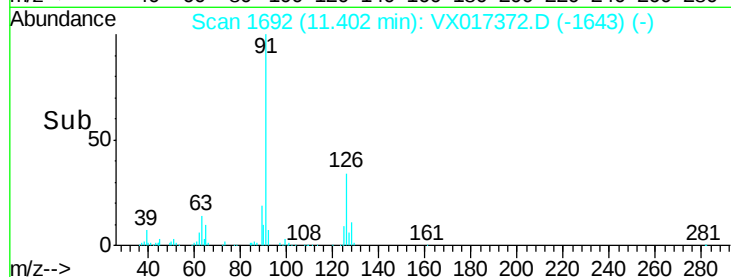
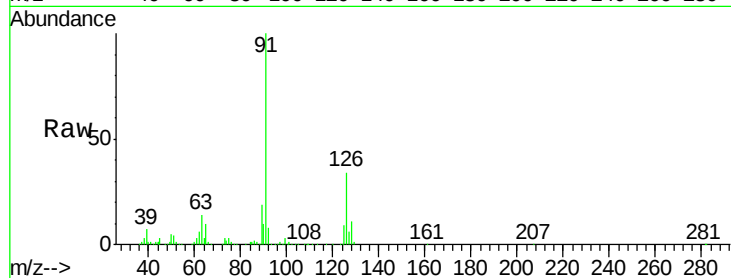
126 34.7 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.778 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017372.D

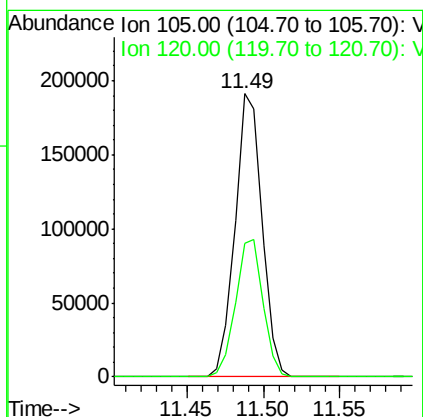
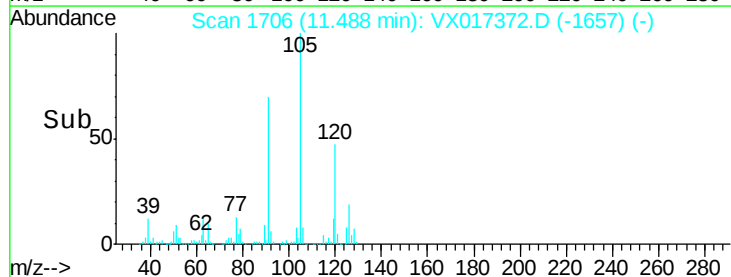
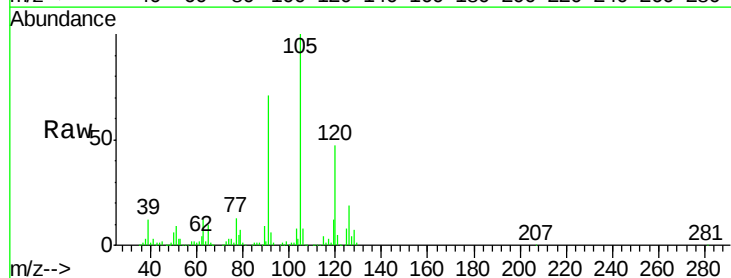
Acq: 14 Jul 2020 12:40

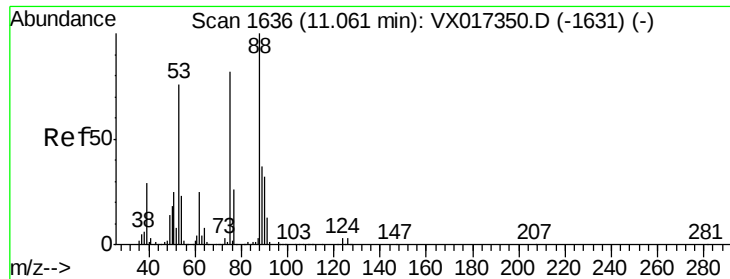
Tgt Ion: 105 Resp: 233746

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4





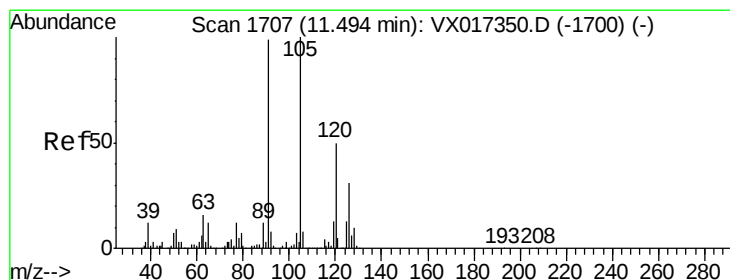
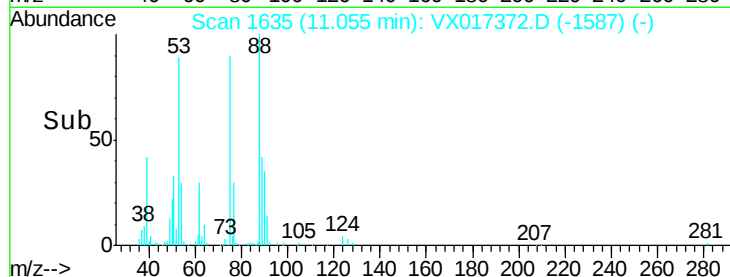
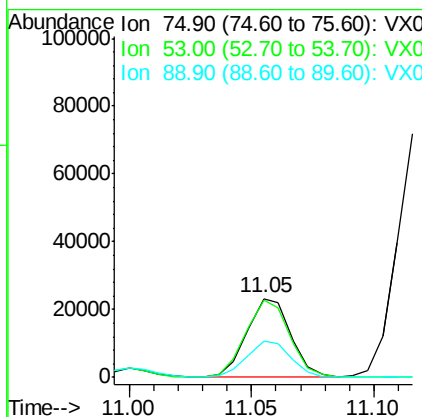
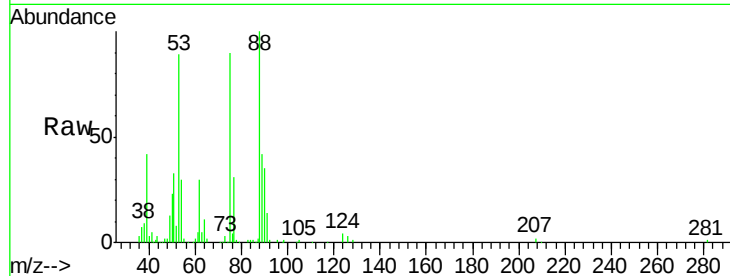
#81
trans-1,4-Dichloro-2-butene
Concen: 17.873 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	76.5	114.7
89	46.8	38.1	57.1

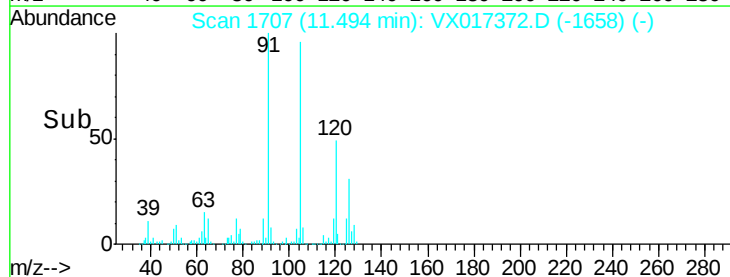
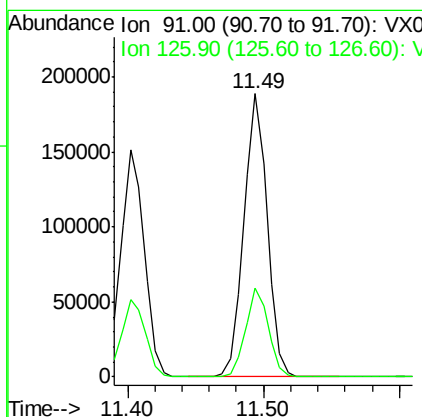
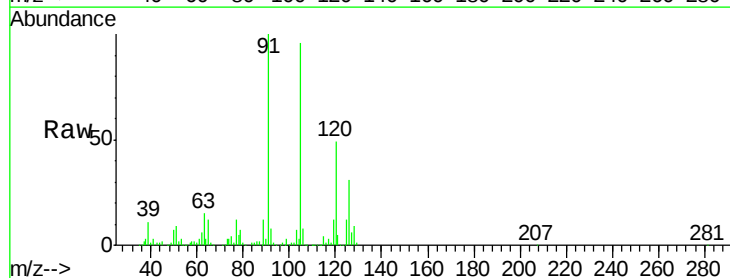
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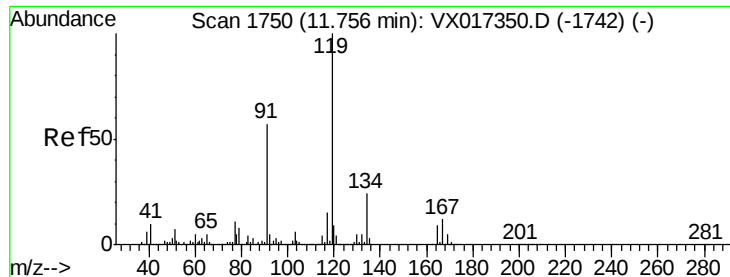
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.729 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





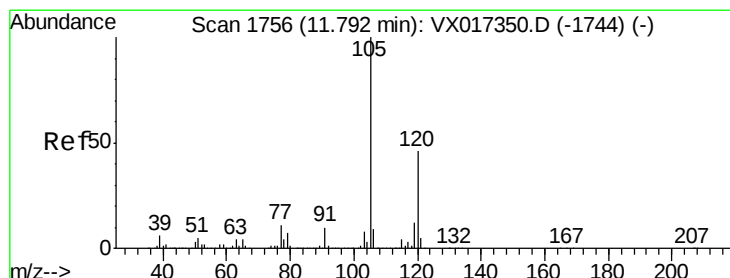
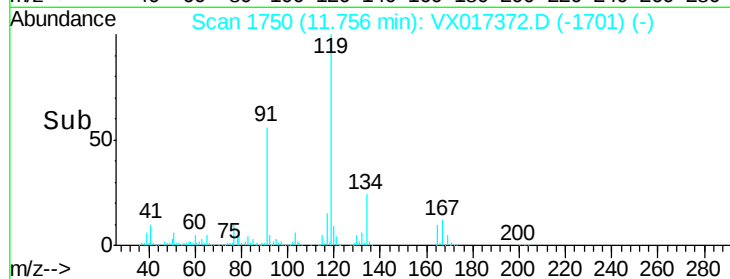
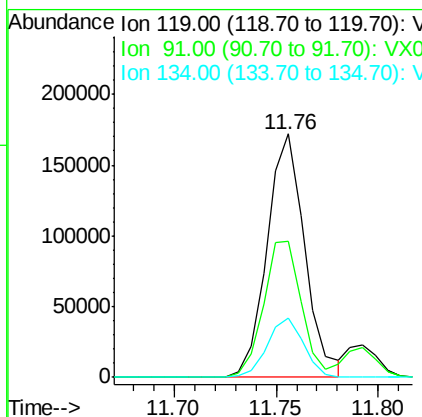
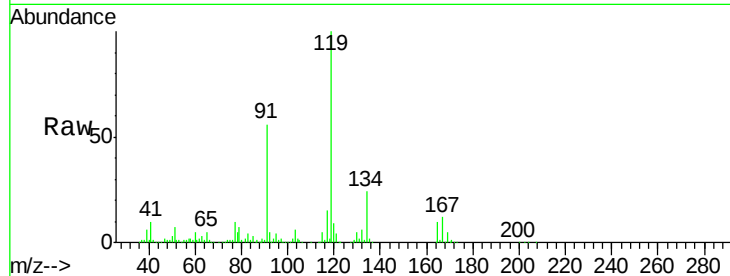
#83
tert-Butylbenzene
Concen: 19.449 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222197		
91	56.0	28.5	85.6	
134	23.4	11.9	35.9	

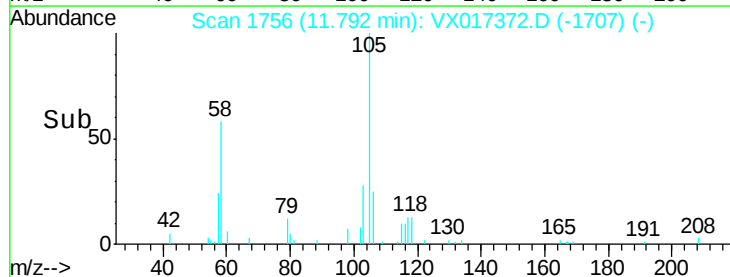
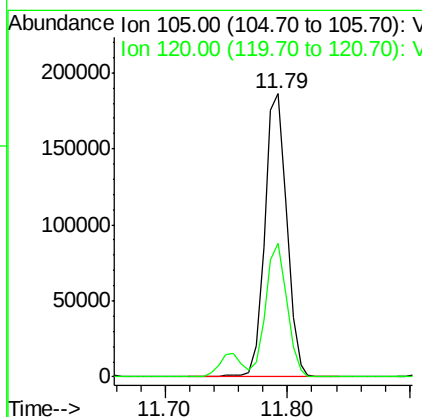
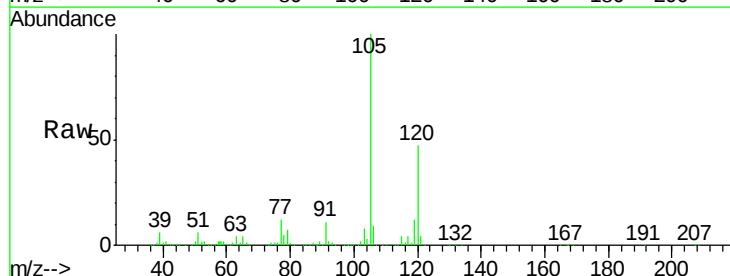
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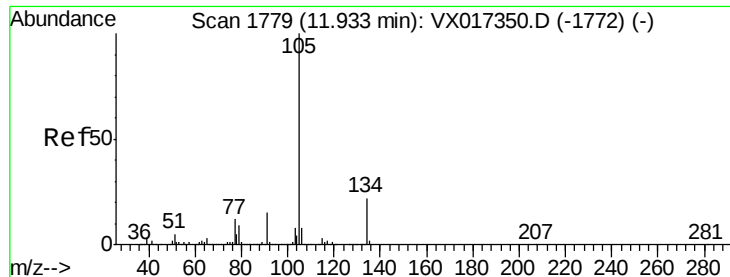
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#84
1,2,4-Trimethylbenzene
Concen: 19.647 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234580		
120	45.5	22.8	68.4	





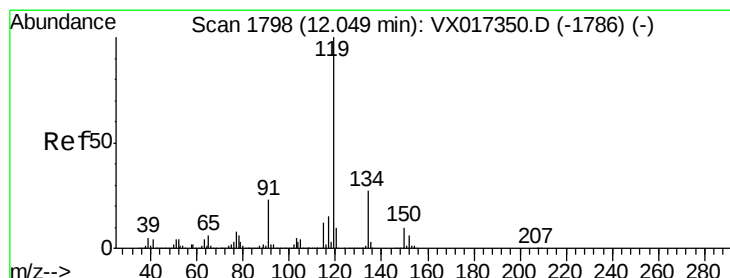
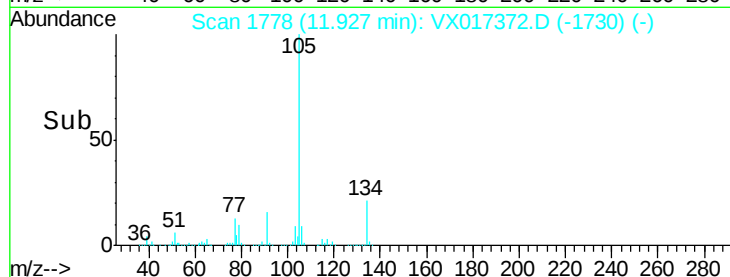
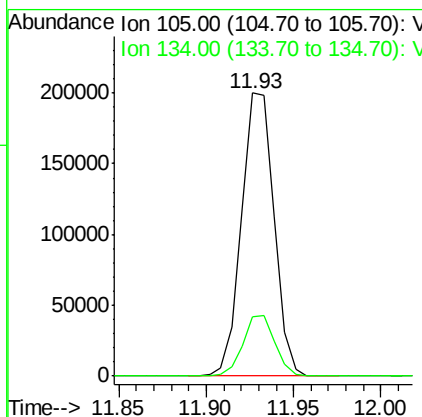
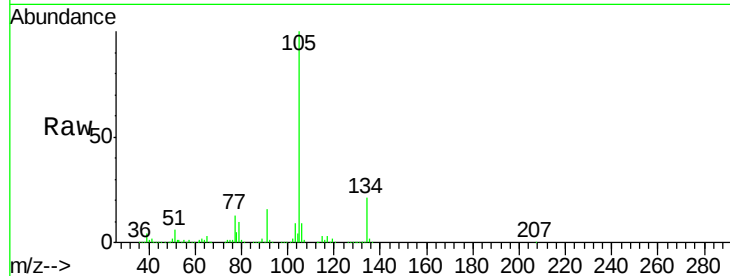
#85
 sec-Butylbenzene
 Concen: 19.371 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

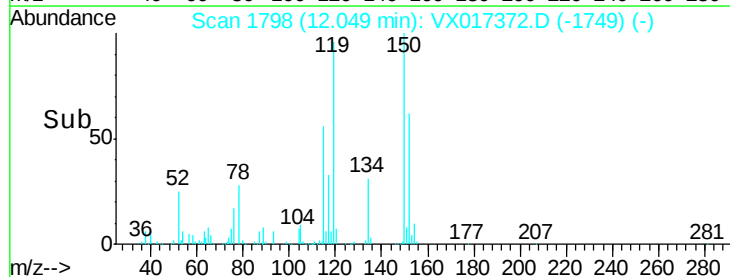
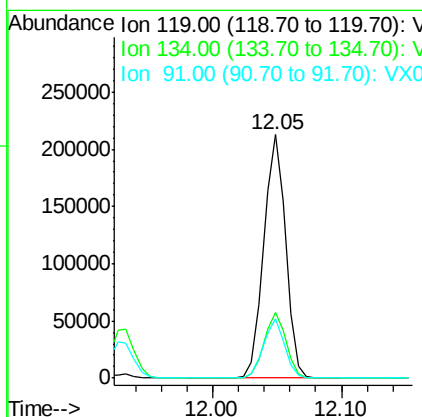
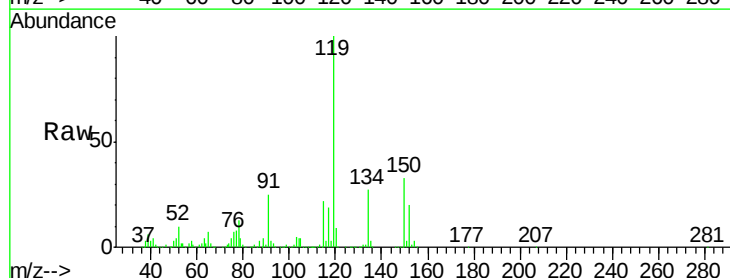
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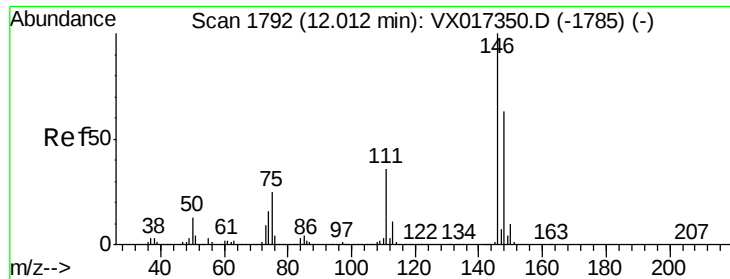
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#86
 p-Isopropyltoluene
 Concen: 19.709 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	23.8	11.8	35.3





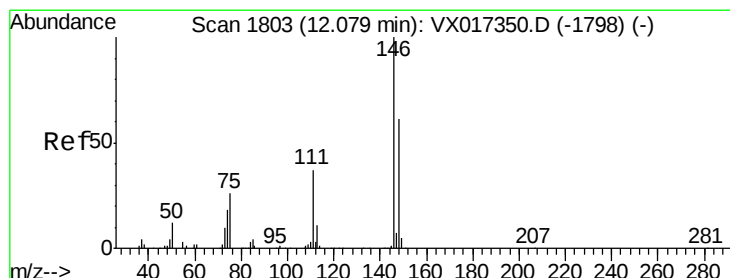
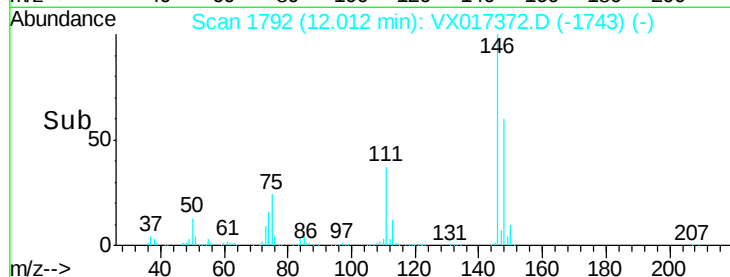
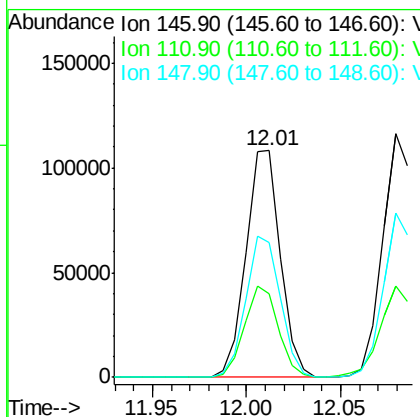
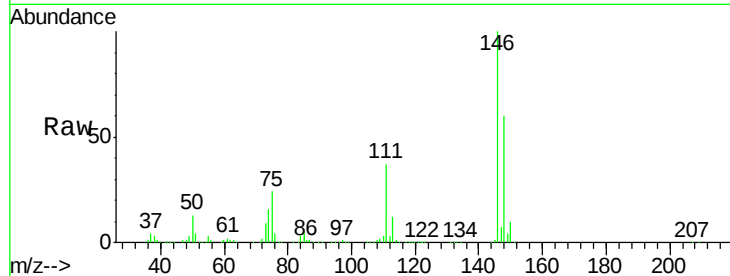
#87
 1,3-Dichlorobenzene
 Concen: 19.362 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	62.6	31.6	95.0

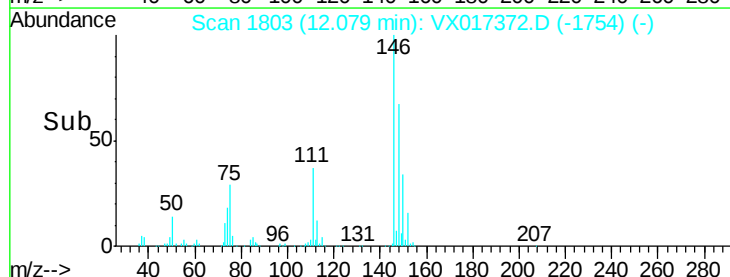
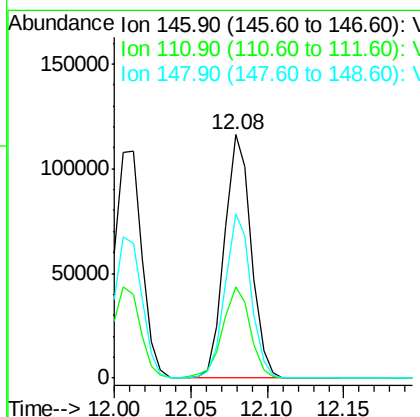
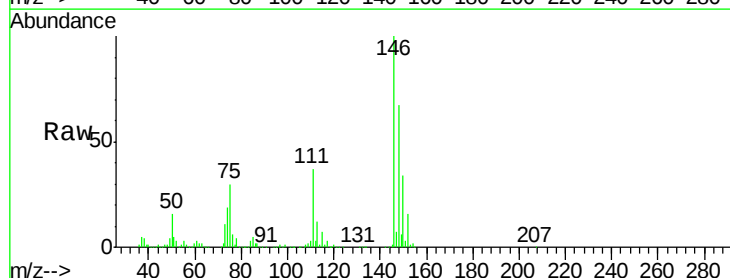
Manual Integrations
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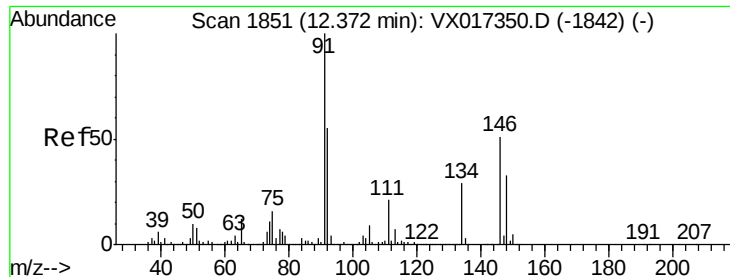
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#88
 1,4-Dichlorobenzene
 Concen: 19.549 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.9	56.9
148	65.6	31.9	95.9





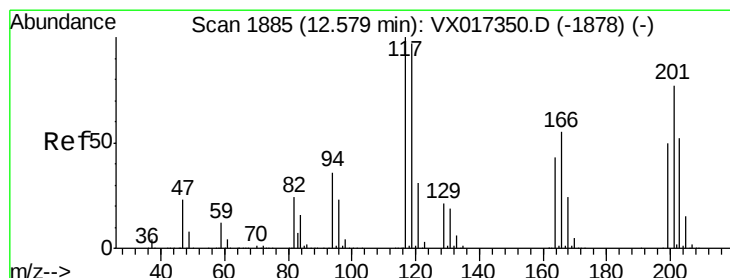
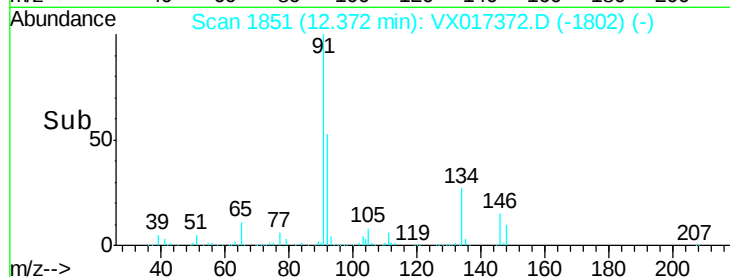
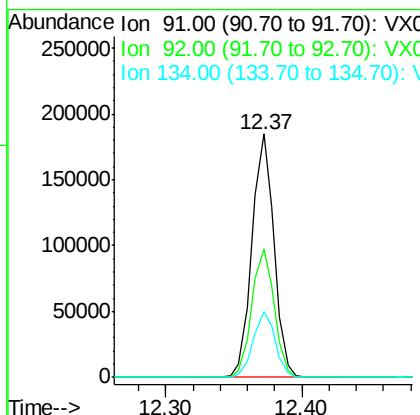
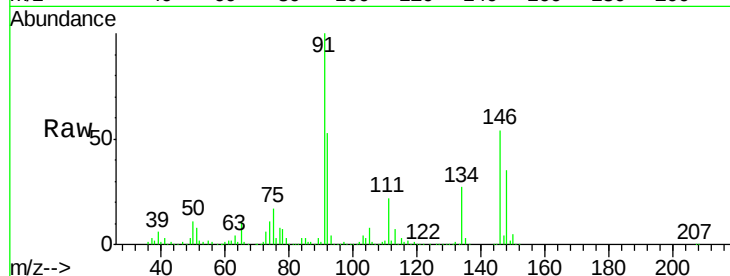
#89
n-Butylbenzene
Concen: 19.538 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.0	81.0
134	27.0	14.1	42.2

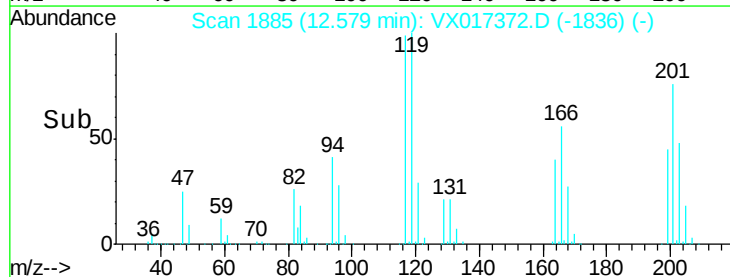
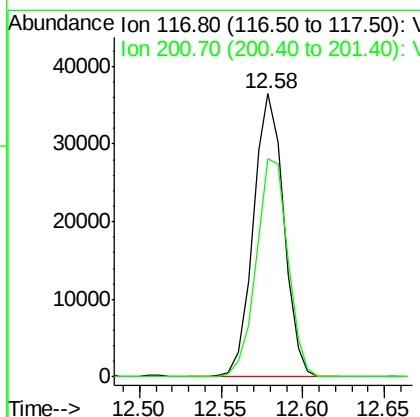
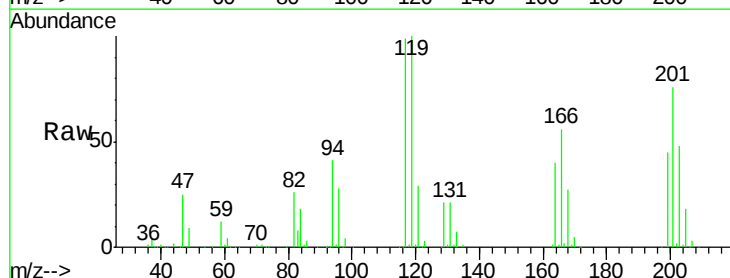
Manual Integrations
APPROVED

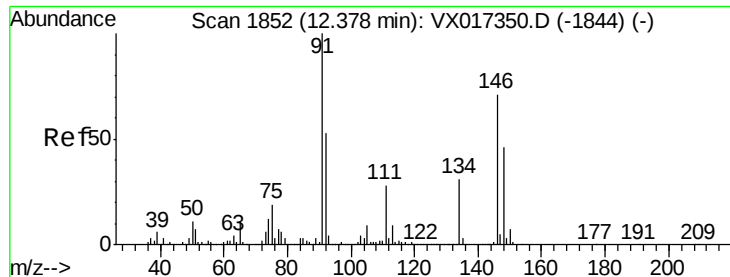
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#90
Hexachloroethane
Concen: 19.828 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017372.D
Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	41.0	123.0





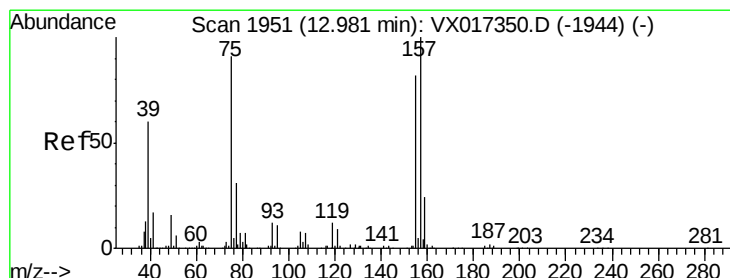
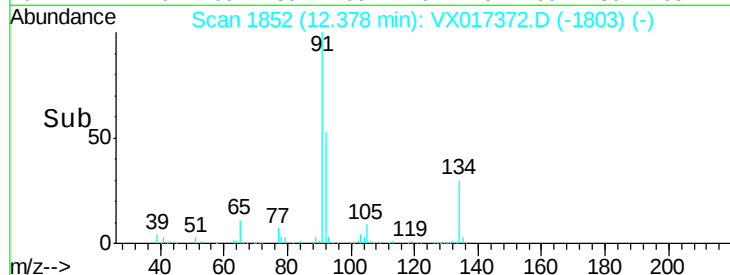
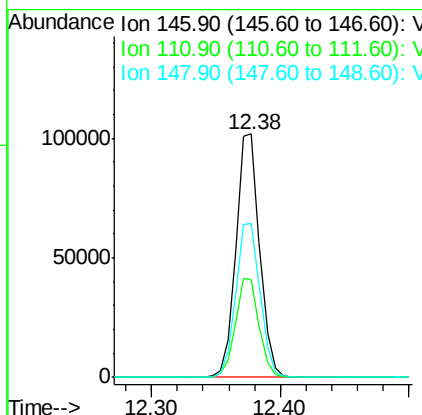
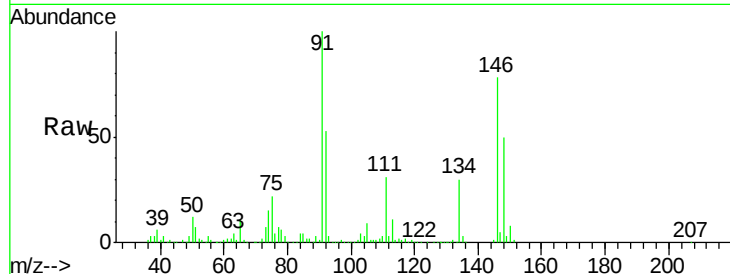
#91
 1,2-Dichlorobenzene
 Concen: 19.505 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	61.0
148	65.3	32.0	96.0

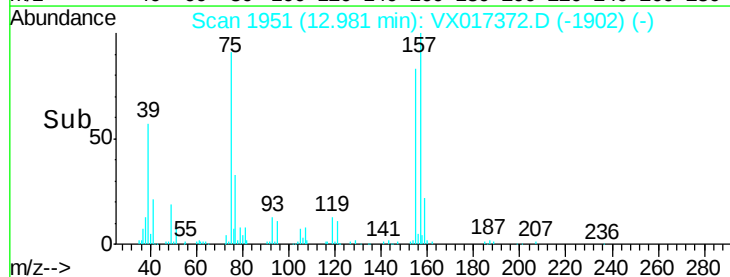
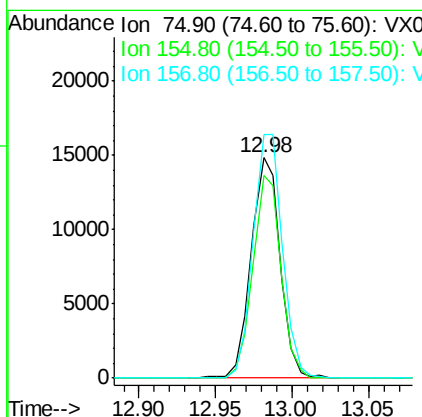
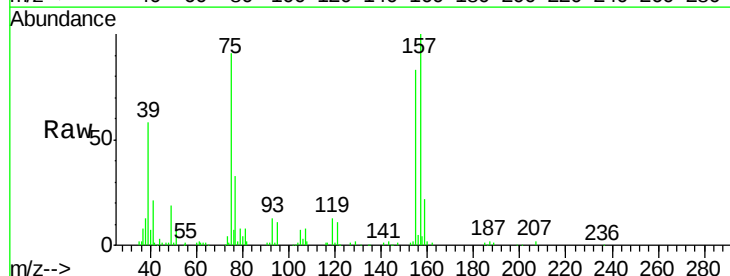
Manual Integrations
 APPROVED

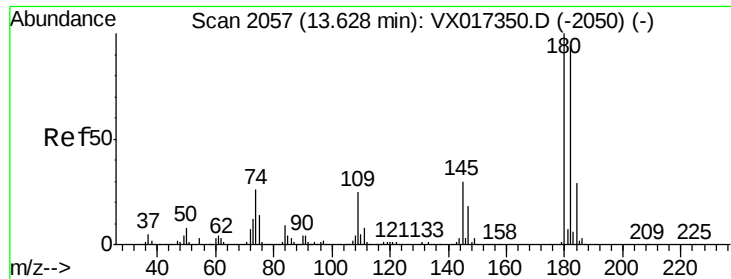
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.527 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	46.5	139.3
157	112.3	58.0	173.9





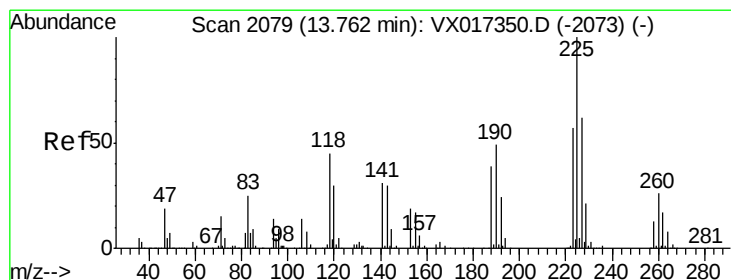
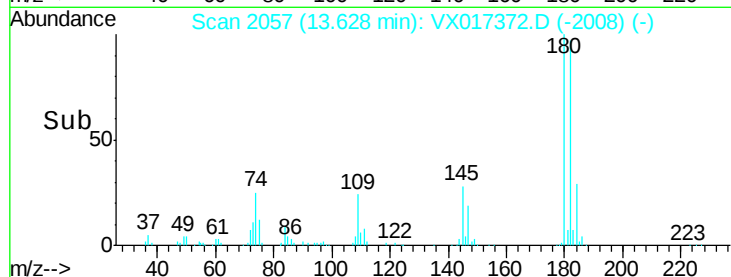
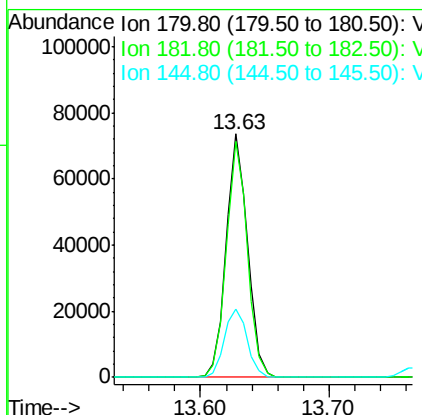
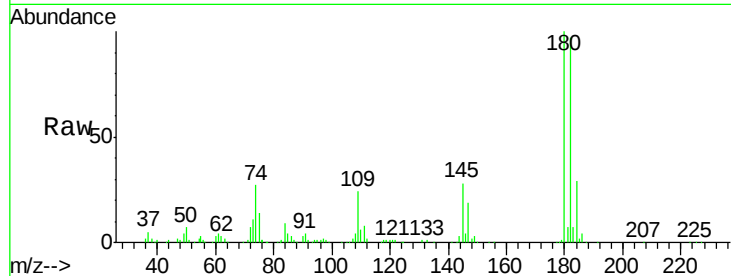
#93
 1,2,4-Trichlorobenzene
 Concen: 18.721 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	30.0	15.3	45.8

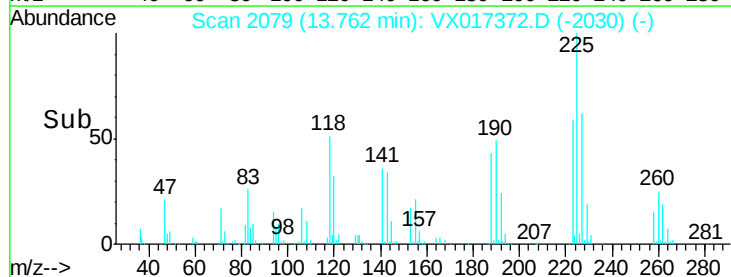
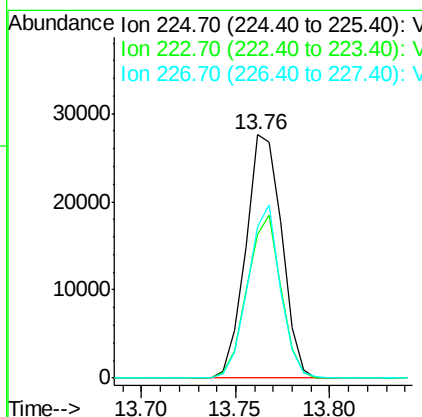
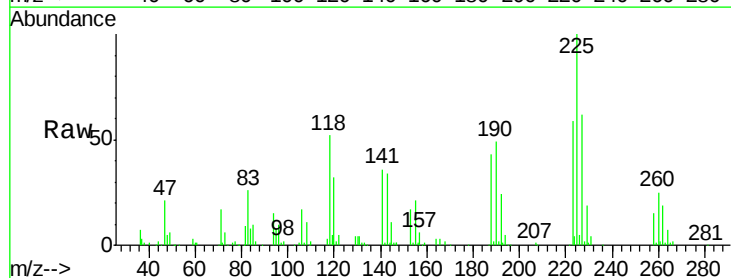
Manual Integrations
 APPROVED

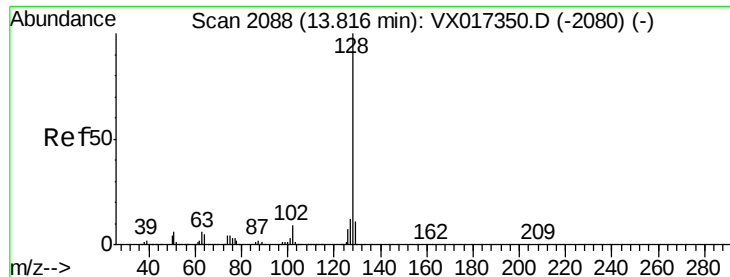
MMDadoda
 7/15/2020 11:43:20 AM



#94
 Hexachlorobutadiene
 Concen: 19.380 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017372.D
 Acq: 14 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.0	31.6	95.0





#95

Naphthalene

Concen: 18.938 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Instrument :

MSVOA_X

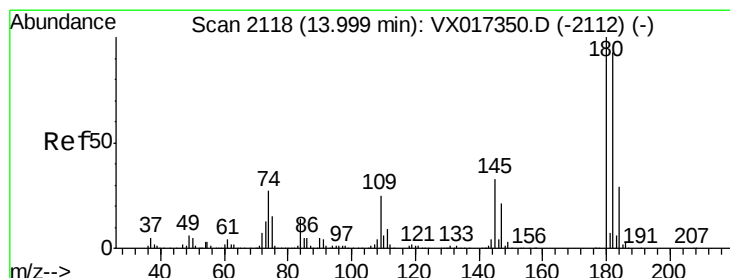
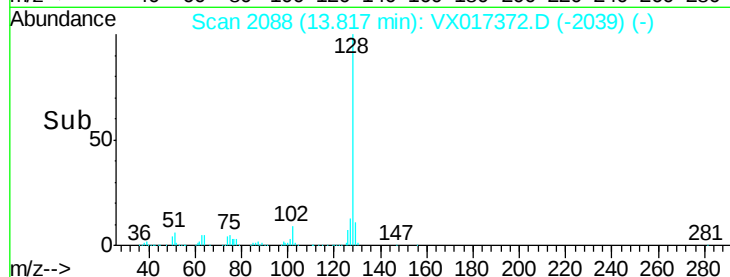
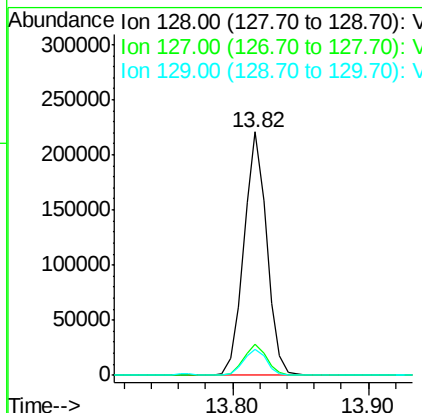
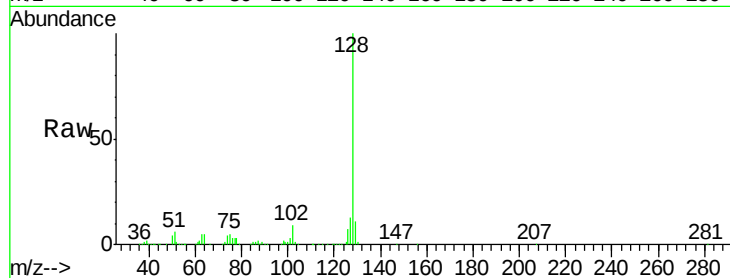
ClientSampleId :

VX0714WBSD01

Tot Ion:	128	Resp:	257677
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/15/2020 11:43:20 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.702 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017372.D

Acq: 14 Jul 2020 12:40

Tgt Ion:	180	Resp:	83598
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.8	146.3
145	32.9	16.6	49.7

