

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017221.D
 Acq On : 07 Jul 2020 23:04
 Operator : JC/SP
 Sample : VX0707WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:54 AM

Quant Time: Jul 08 03:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	437536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172044	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.46	113	141528	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.70	98	496954	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	196054	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46104	17.026	ug/l	100
3) Chloromethane	1.31	50	48287	14.732	ug/l	99
4) Vinyl Chloride	1.39	62	50064	16.463	ug/l	94
5) Bromomethane	1.63	94	32309	20.109	ug/l	97
6) Chloroethane	1.72	64	31858	17.738	ug/l	99
7) Trichlorofluoromethane	1.92	101	87260	19.401	ug/l	97
8) Diethyl Ether	2.17	74	30465	20.350	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49663	18.423	ug/l	96
10) Methyl Iodide	2.49	142	40720	11.707	ug/l	98
11) Tert butyl alcohol	3.01	59	63987	97.206	ug/l	98
12) 1,1-Dichloroethene	2.36	96	50043	18.071	ug/l	98
13) Acrolein	2.27	56	41666	105.887	ug/l	99
14) Allyl chloride	2.71	41	86306	16.864	ug/l	98
15) Acrylonitrile	3.12	53	146999	92.894	ug/l	100
16) Acetone	2.42	43	125477	97.207	ug/l	98
17) Carbon Disulfide	2.55	76	133249	17.259	ug/l	99
18) Methyl Acetate	2.75	43	64930	19.269	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	177264	19.073	ug/l	98
20) Methylene Chloride	2.84	84	59160	19.506	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55369	18.017	ug/l	96
22) Diisopropyl ether	3.82	45	181179	19.128	ug/l	99
23) Vinyl Acetate	3.79	43	761015	93.499	ug/l	99
24) 1,1-Dichloroethane	3.67	63	101107	18.760	ug/l	98
25) 2-Butanone	4.64	43	202427	94.116	ug/l	99
26) 2,2-Dichloropropane	4.56	77	71222	14.883	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	62771	18.027	ug/l	97
28) Bromochloromethane	4.98	49	44715	17.050	ug/l	97
29) Tetrahydrofuran	5.09	42	128773	90.615	ug/l	98
30) Chloroform	5.18	83	105371	19.073	ug/l	98
31) Cyclohexane	5.55	56	77543	16.645	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	97808	19.223	ug/l	98
36) 1,1-Dichloropropene	5.78	75	74537	18.025	ug/l	99
37) Ethyl Acetate	4.79	43	78504	18.711	ug/l	97
38) Carbon Tetrachloride	5.76	117	87619	19.237	ug/l	98

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Manual Integrations
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MMDadoda
 7/8/2020 9:31:54 AM

Quant Time: Jul 08 03:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75675	16.448	ug/l	98
40) Benzene	6.12	78	221785	18.254	ug/l	96
41) Methacrylonitrile	5.01	41	44106	18.678	ug/l	97
42) 1,2-Dichloroethane	6.17	62	87092	19.845	ug/l	100
43) Isopropyl Acetate	6.42	43	126539	18.150	ug/l	99
44) Trichloroethene	7.19	130	65093	19.224	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58564	18.767	ug/l	97
46) Dibromomethane	7.64	93	41356	19.411	ug/l	96
47) Bromodichloromethane	7.88	83	84984	19.356	ug/l	96
48) Methyl methacrylate	7.74	41	60079	18.138	ug/l	97
49) 1,4-Dioxane	7.71	88	27605	367.869	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400267	96.311	ug/l	99
52) Toluene	8.76	92	141625	18.670	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	88198	18.206	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	92669	17.845	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60338	19.468	ug/l	98
56) Ethyl methacrylate	9.16	69	82393	18.677	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98638	18.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	200973	91.539	ug/l	99
59) 2-Hexanone	9.47	43	293566	96.719	ug/l	99
60) Dibromochloromethane	9.57	129	71792	19.944	ug/l	98
61) 1,2-Dibromoethane	9.65	107	64189	19.268	ug/l	96
64) Tetrachloroethene	9.32	164	62731	18.692	ug/l	97
65) Chlorobenzene	10.12	112	156157	18.195	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	63945	19.333	ug/l	99
67) Ethyl Benzene	10.24	91	262106	18.287	ug/l	98
68) m/p-Xylenes	10.34	106	205118	37.271	ug/l	100
69) o-Xylene	10.68	106	93650	17.888	ug/l	98
70) Styrene	10.70	104	165760	18.593	ug/l	99
71) Bromoform	10.84	173	54031	20.600	ug/l	99
73) Isopropylbenzene	11.00	105	257882	17.302	ug/l	99
74) N-amyl acetate	10.88	43	105502	16.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	87779	18.722	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81673m	18.252	ug/l	
77) Bromobenzene	11.24	156	73378	17.913	ug/l	98
78) n-propylbenzene	11.34	91	289070	17.150	ug/l	99
79) 2-Chlorotoluene	11.40	91	180153	17.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	220252	17.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26630	15.412	ug/l	93
82) 4-Chlorotoluene	11.49	91	217648	17.848	ug/l	100
83) tert-Butylbenzene	11.76	119	211408	17.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226908	18.091	ug/l	99
85) sec-Butylbenzene	11.93	105	244485	17.138	ug/l	100
86) p-Isopropyltoluene	12.05	119	232206	17.485	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	130109	17.488	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	133352	18.887	ug/l	100
89) n-Butylbenzene	12.37	91	189619	15.990	ug/l	98
90) Hexachloroethane	12.58	117	44801	17.106	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	125342	18.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19342	17.293	ug/l	97

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Instrument :
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ClientSampleId :
VX0707WBS02

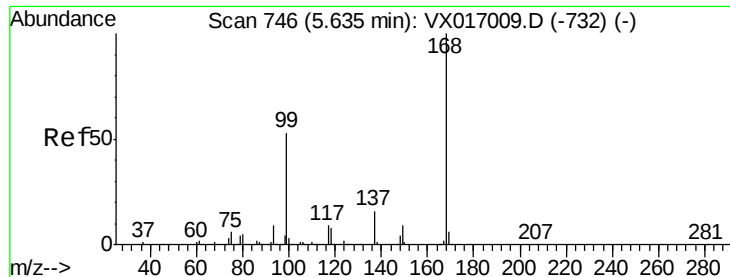
Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:54 AM

Quant Time: Jul 08 03:42:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80891	17.041	ug/l	99
94) Hexachlorobutadiene	13.77	225	32446	18.551	ug/l	94
95) Naphthalene	13.82	128	250832	17.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	81035	17.640	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. -0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion:168 Resp: 279895

Ion Ratio Lower Upper

168 100

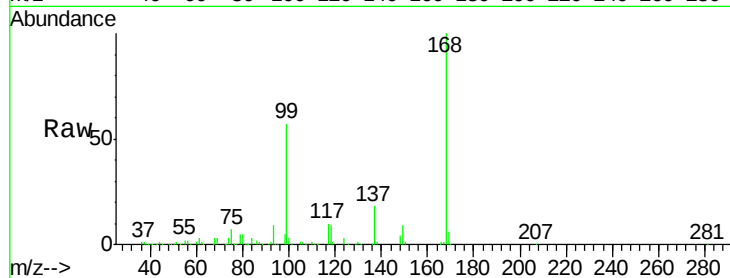
99 56.7 42.6 64.0

Manual Integrations

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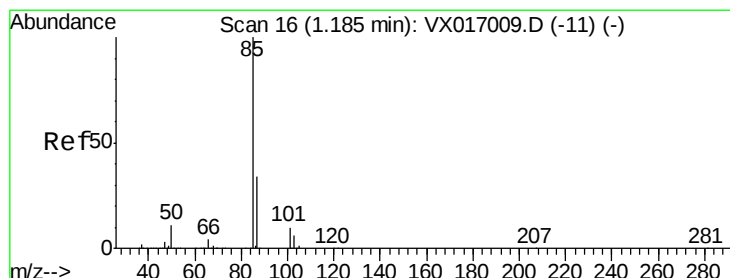
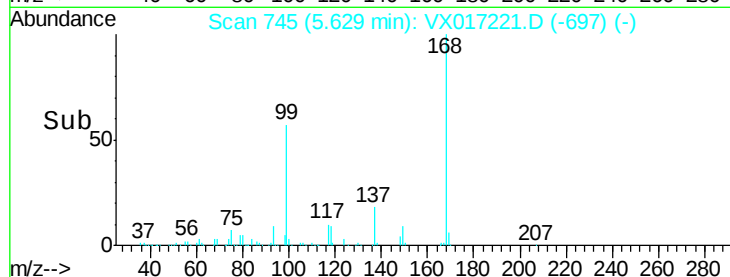
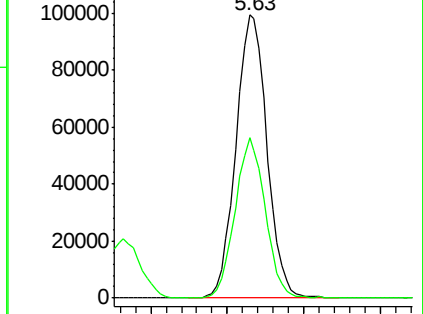
MMDadoda

7/8/2020 9:31:54 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.026 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017221.D

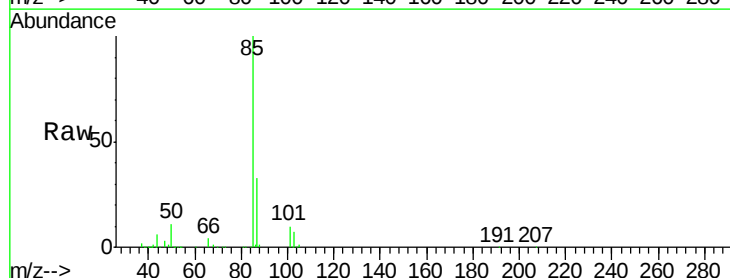
Acq: 07 Jul 2020 23:04

Tgt Ion: 85 Resp: 46104

Ion Ratio Lower Upper

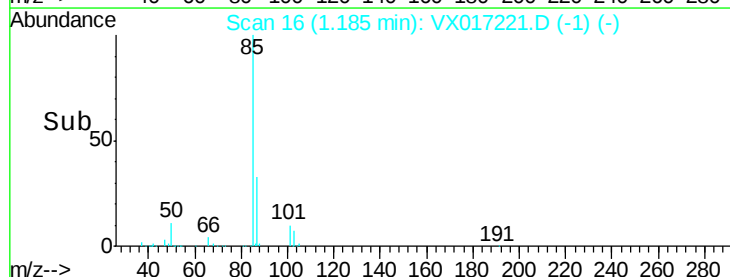
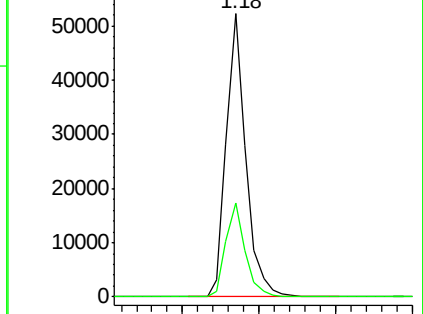
85 100

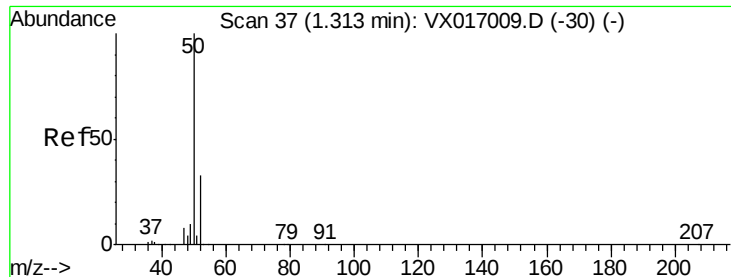
87 33.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.732 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 50 Resp: 48287

Ion Ratio Lower Upper

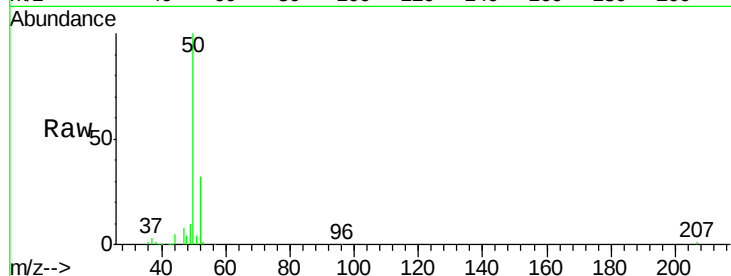
50 100

52 32.3 26.1 39.1

Manual Integrations
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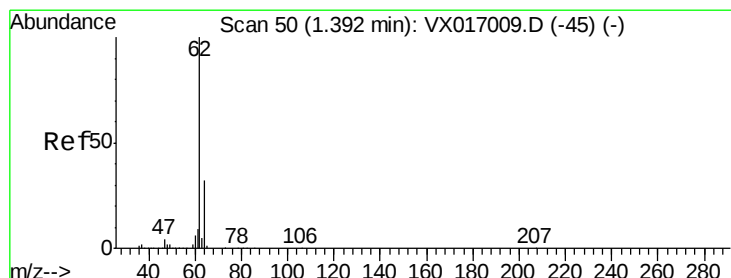
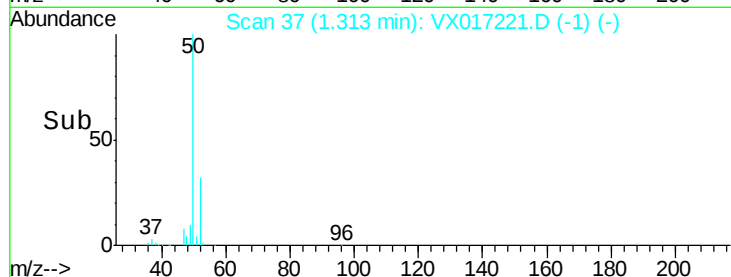
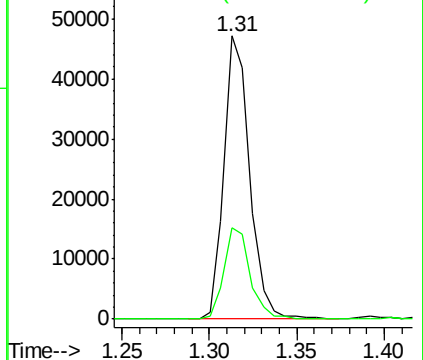
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.463 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017221.D

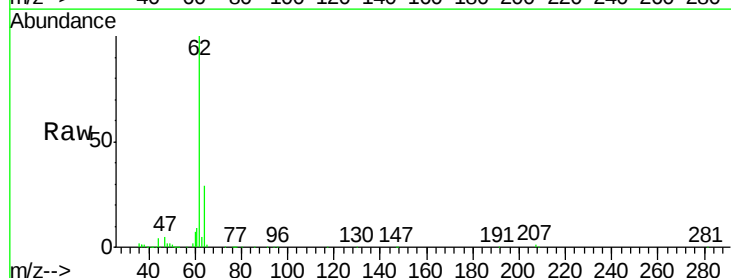
Acq: 07 Jul 2020 23:04

Tgt Ion: 62 Resp: 50064

Ion Ratio Lower Upper

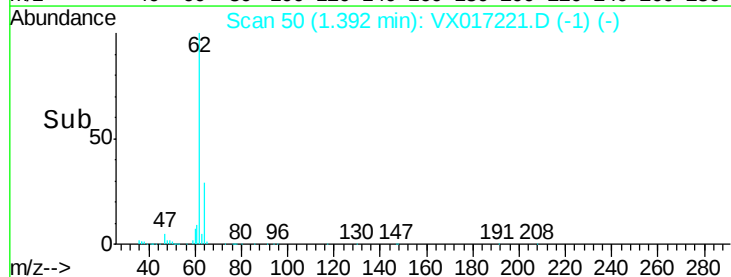
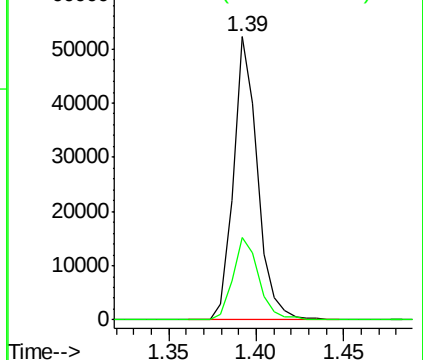
62 100

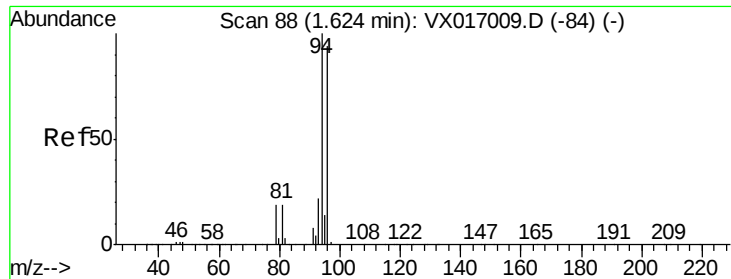
64 29.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.109 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 94 Resp: 32309

Ion Ratio Lower Upper

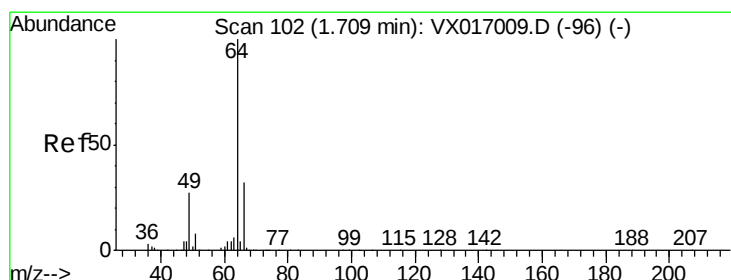
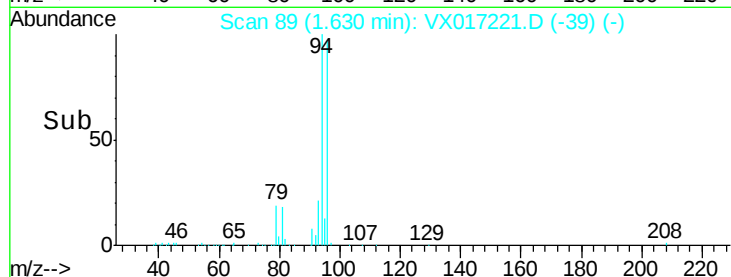
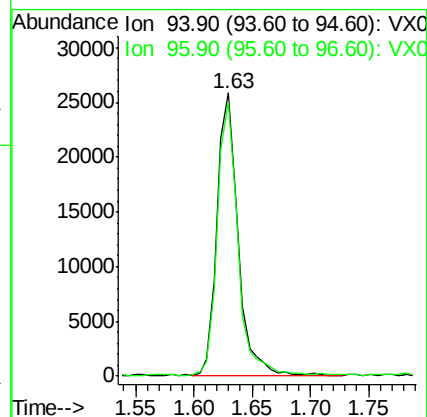
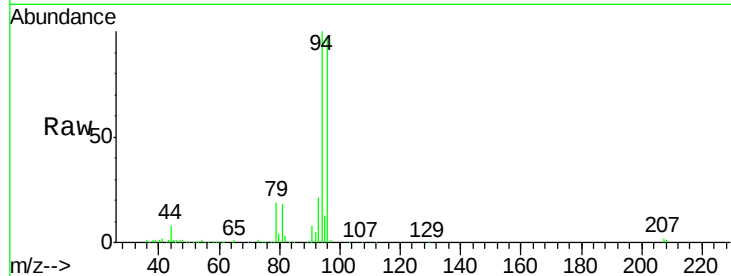
94 100

96 96.3 75.0 112.4

Manual Integrations
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#6

Chloroethane

Concen: 17.738 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017221.D

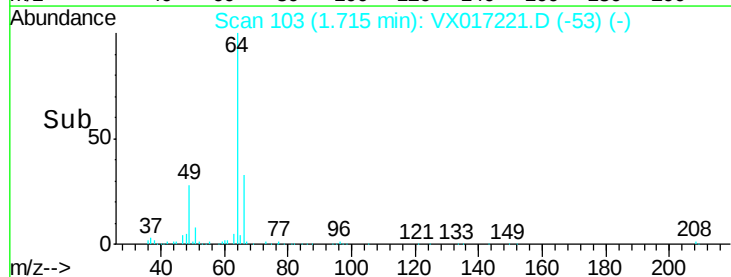
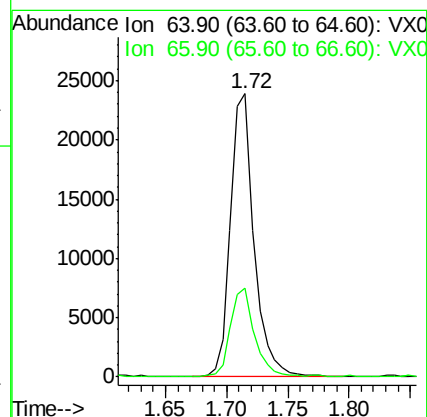
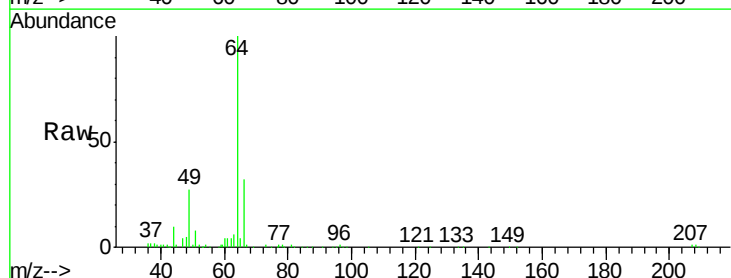
Acq: 07 Jul 2020 23:04

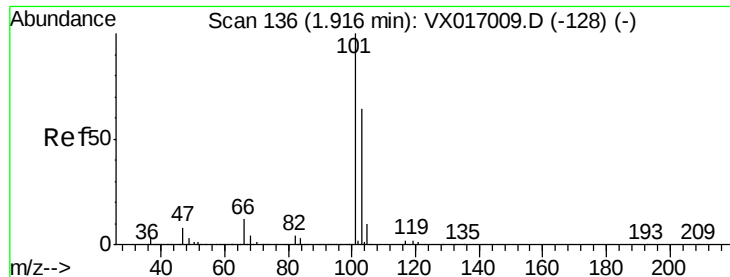
Tgt Ion: 64 Resp: 31858

Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3





#7

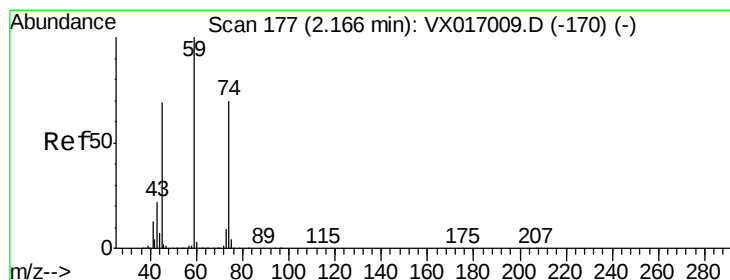
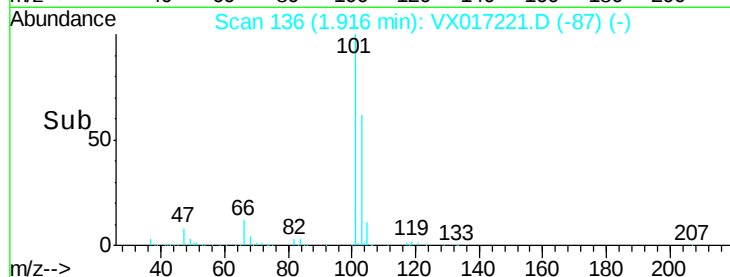
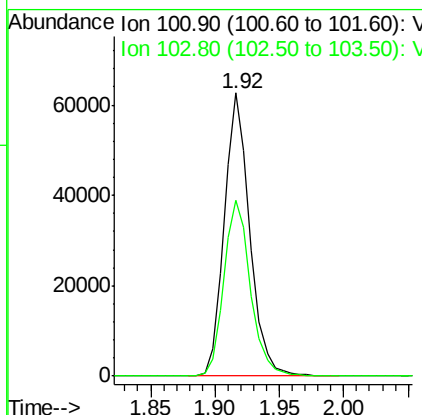
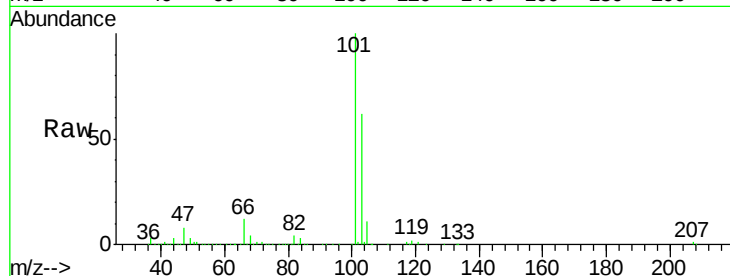
Trichlorofluoromethane
Concen: 19.401 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.5	77.3

Manual Integrations
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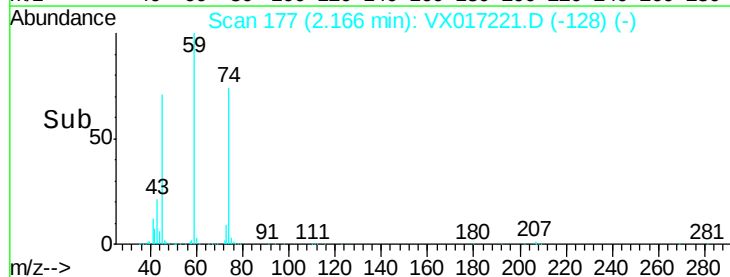
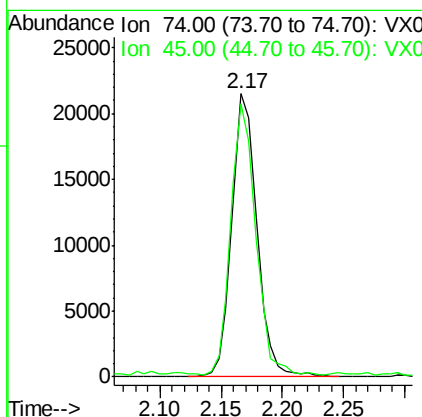
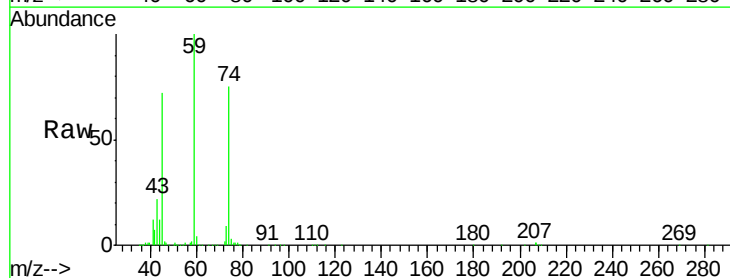
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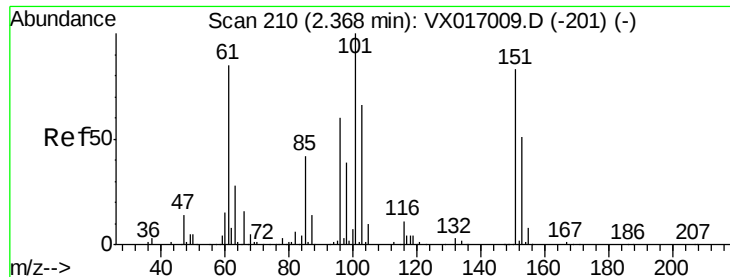


#8

Diethyl Ether
Concen: 20.350 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.423 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

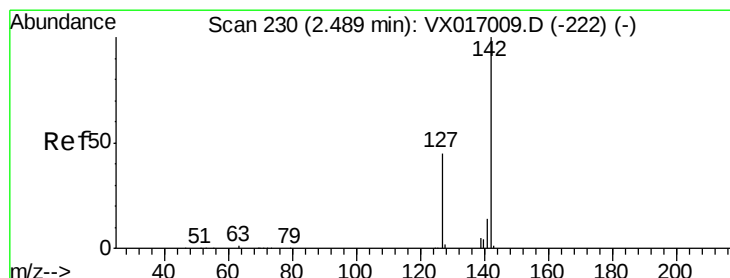
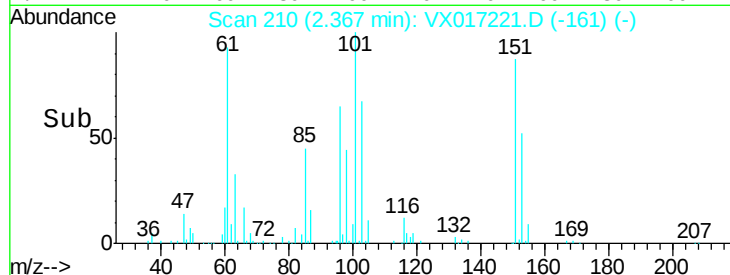
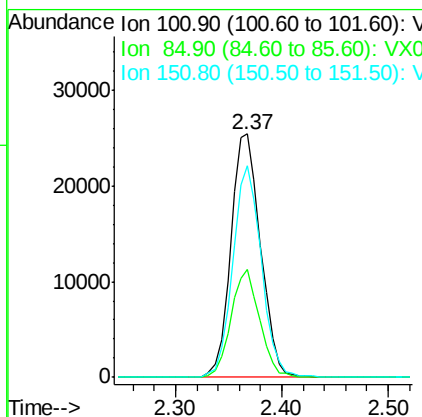
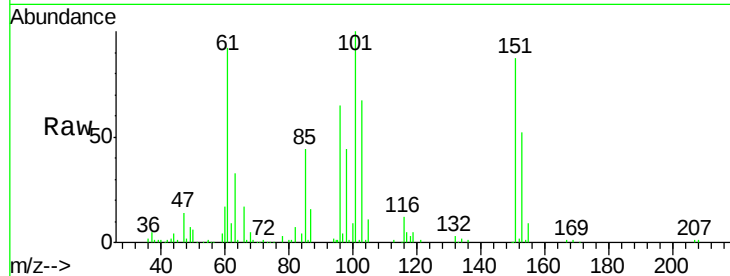
ClientSampleId :

VX0707WBS02

Tot Ion:	101	Resp:	49663
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.5	50.3
151	83.8	63.8	95.6

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#10

Methyl Iodide

Concen: 11.707 ug/l

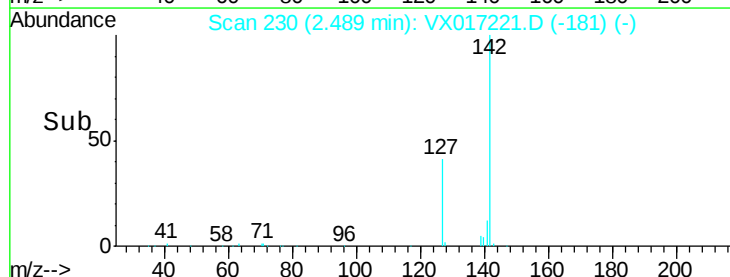
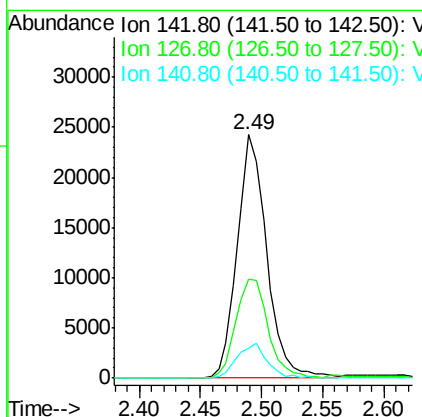
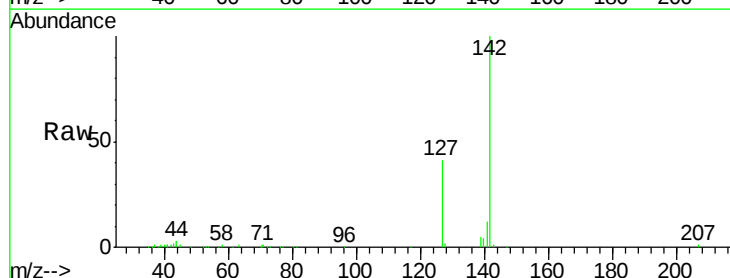
RT: 2.49 min Scan# 230

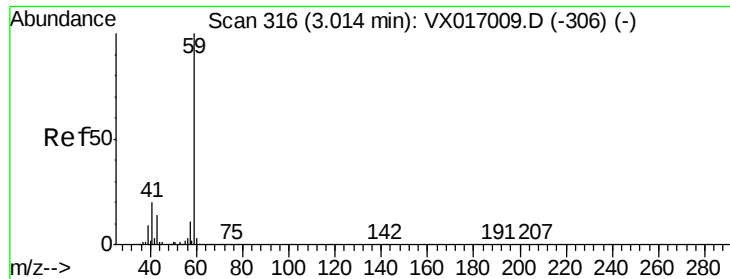
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	142	Resp:	40720
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.6	54.8
141	14.8	11.6	17.4





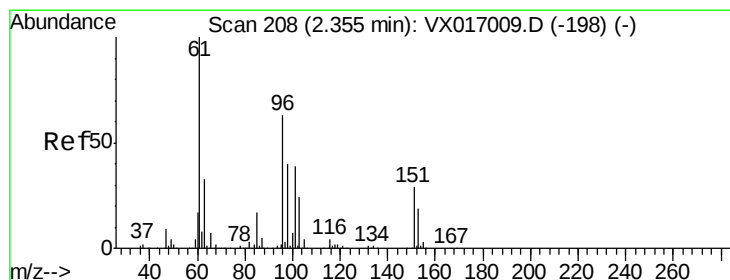
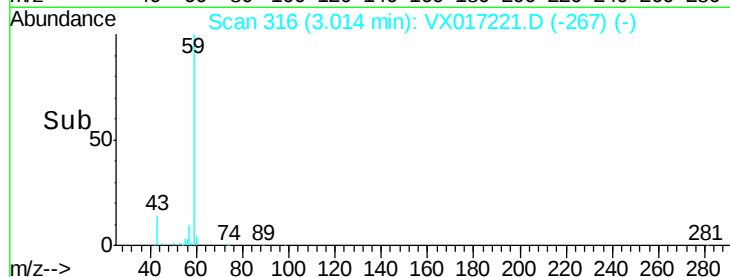
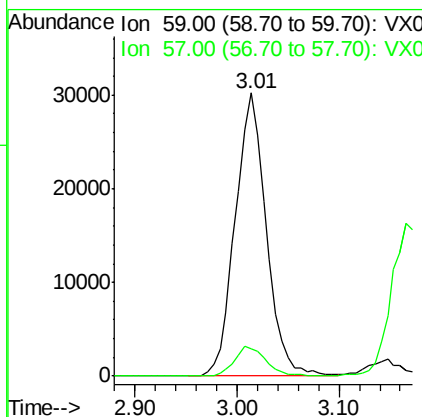
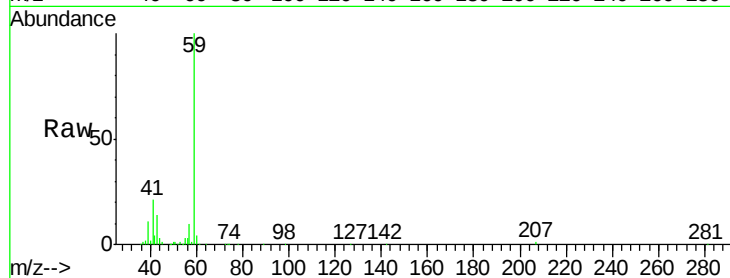
#11
Tert butyl alcohol
Concen: 97.206 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion: 59 Resp: 63987
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

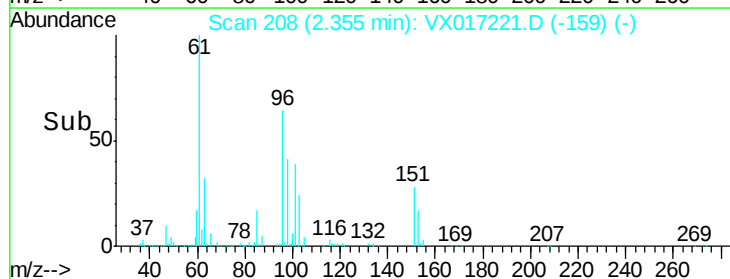
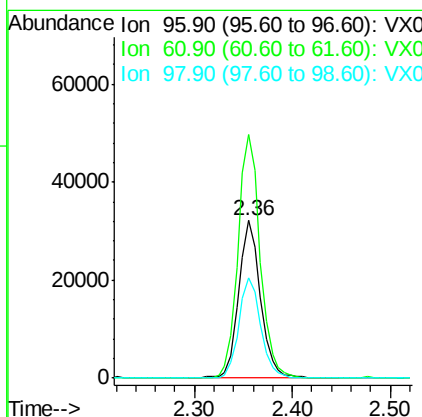
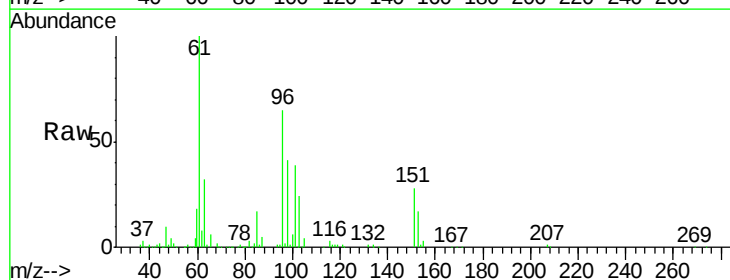
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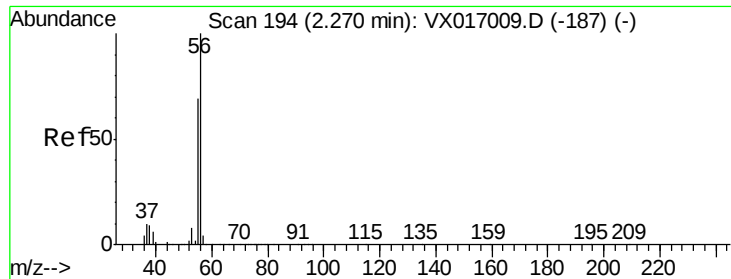
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.071 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion: 96 Resp: 50043
Ion Ratio Lower Upper
96 100
61 154.1 126.3 189.5
98 63.9 51.0 76.6





#13

Acrolein

Concen: 105.887 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 56 Resp: 41666

Ion Ratio Lower Upper

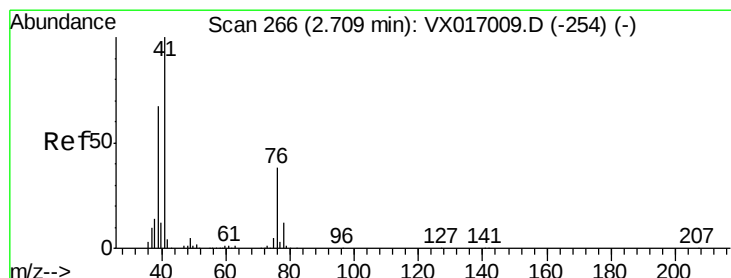
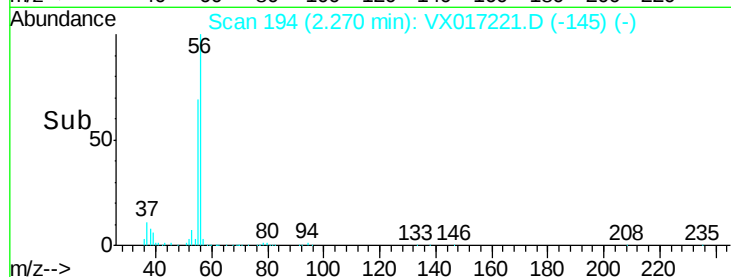
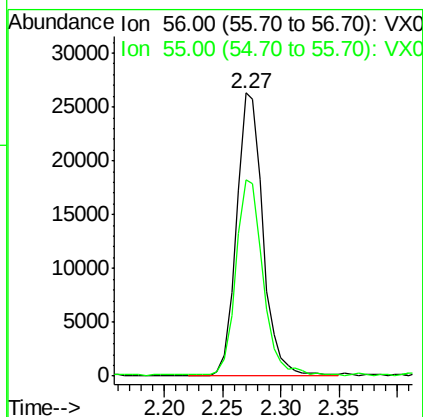
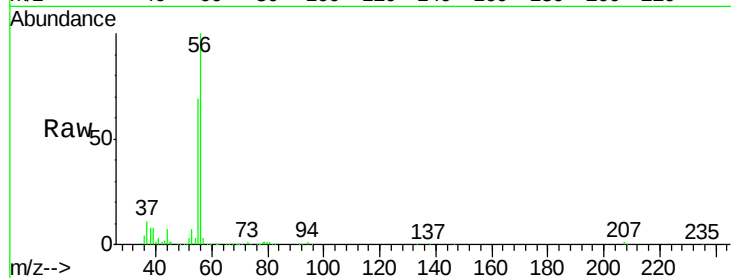
56 100

55 70.3 55.7 83.5

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#14

Allyl chloride

Concen: 16.864 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

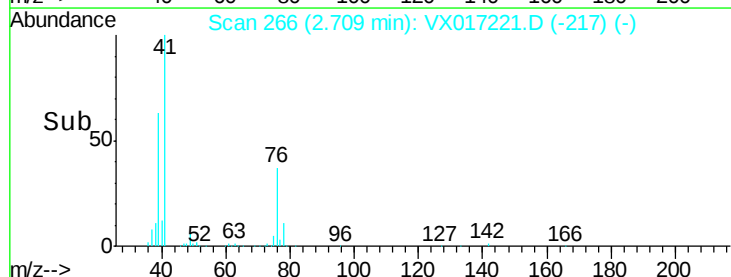
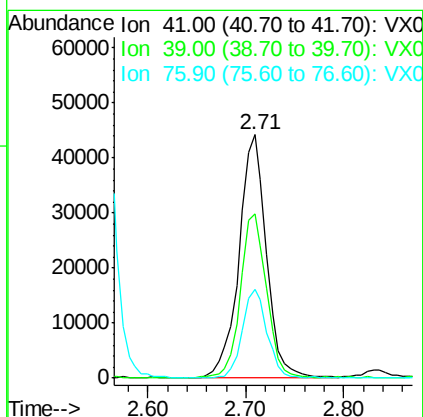
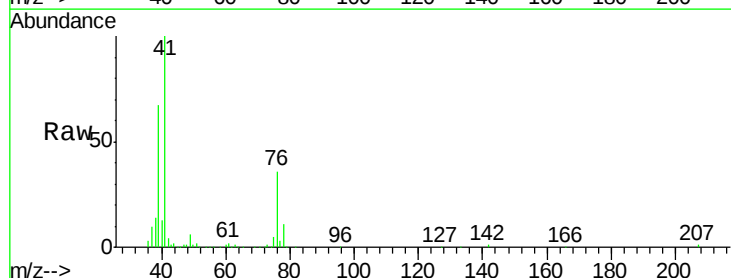
Tgt Ion: 41 Resp: 86306

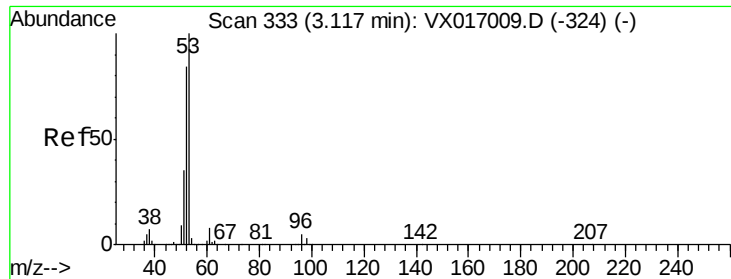
Ion Ratio Lower Upper

41 100

39 64.2 49.4 74.2

76 33.1 26.8 40.2





#15

Acrylonitrile

Concen: 92.894 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

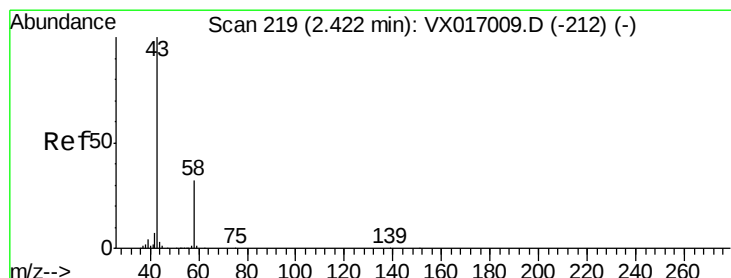
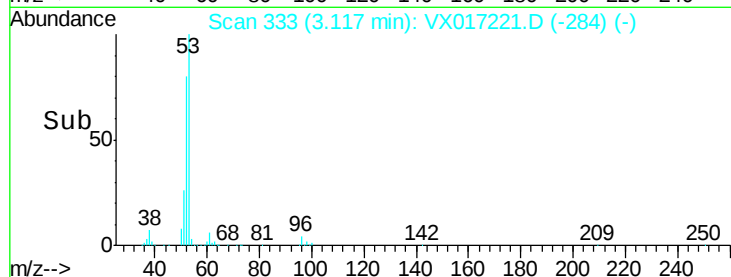
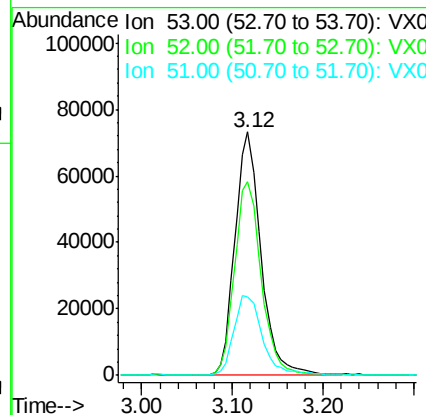
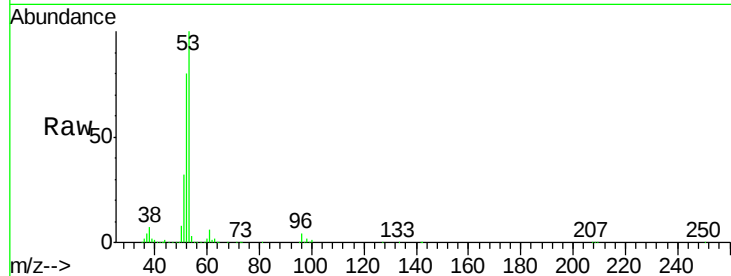
ClientSampleId :

VX0707WBS02

Tot Ion:	53	Resp:	146999
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.6	98.4
51	36.0	28.3	42.5

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#16

Acetone

Concen: 97.207 ug/l

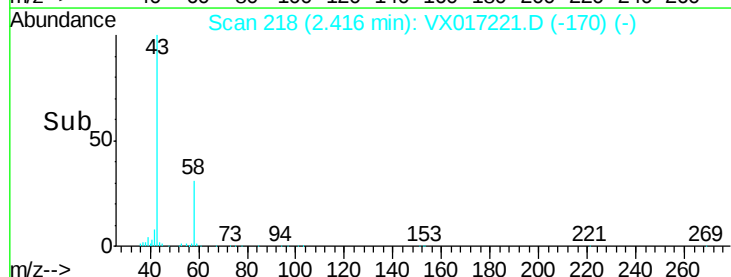
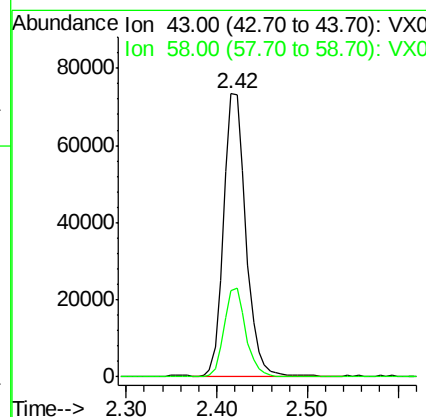
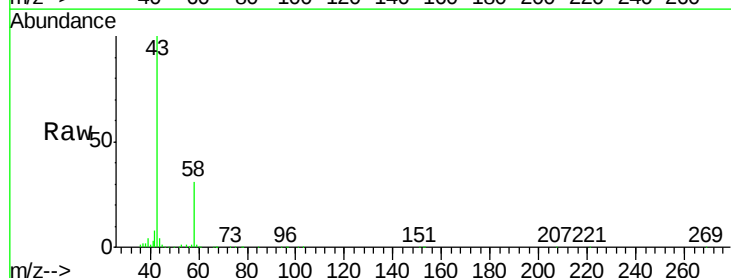
RT: 2.42 min Scan# 218

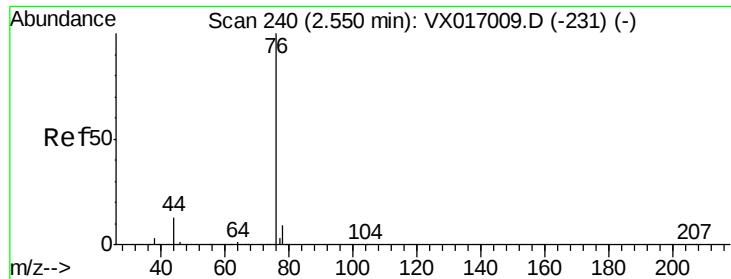
Delta R.T. -0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	43	Resp:	125477
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.7	38.5





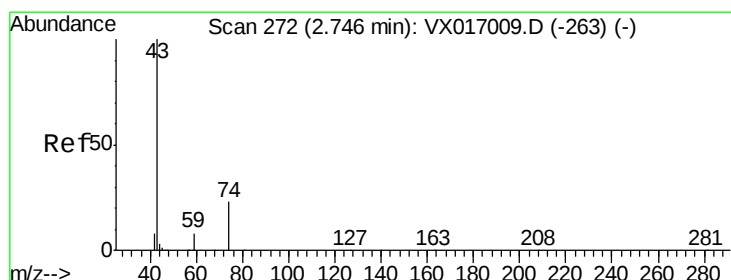
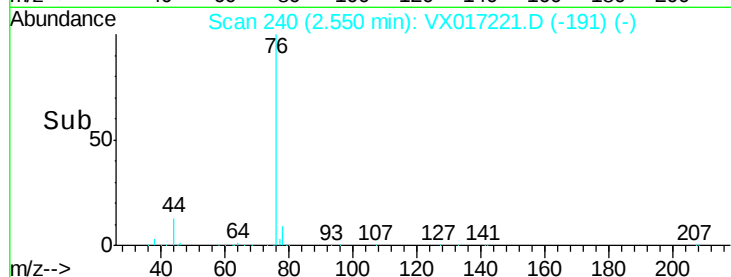
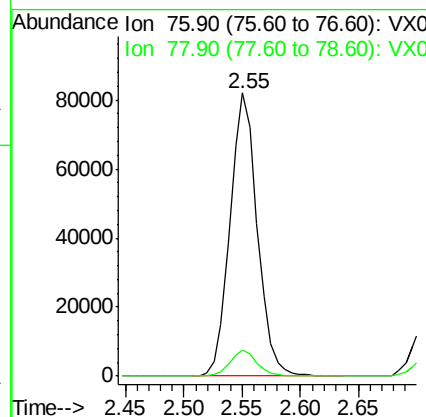
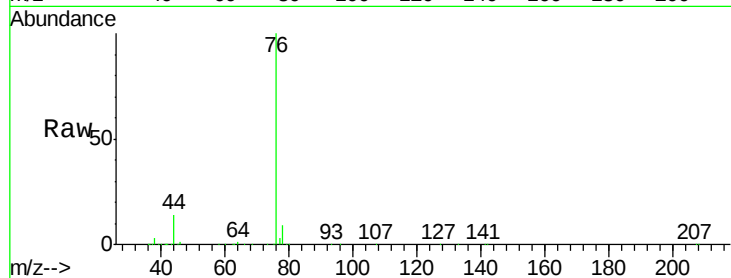
#17
Carbon Disulfide
Concen: 17.259 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

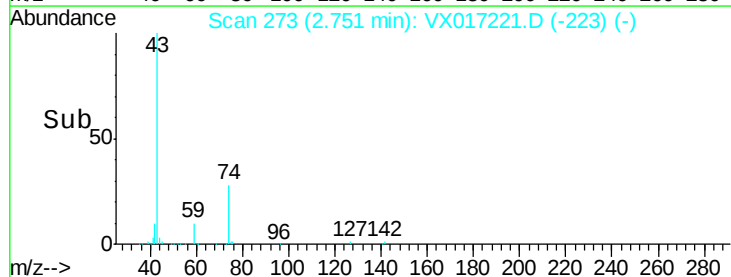
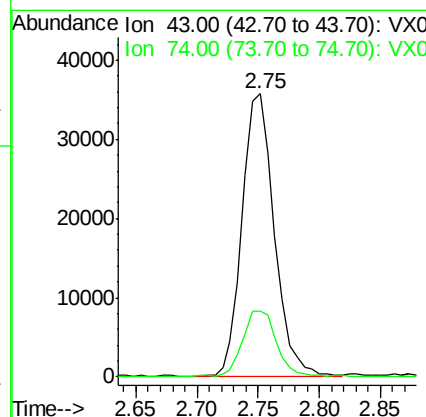
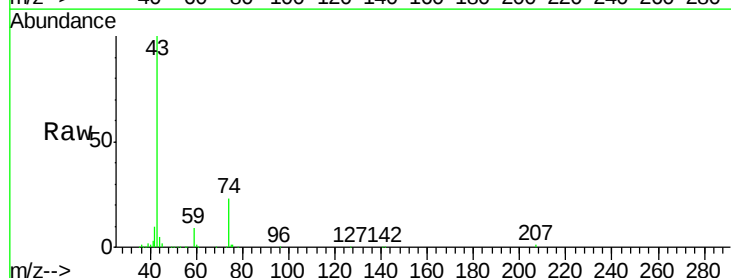
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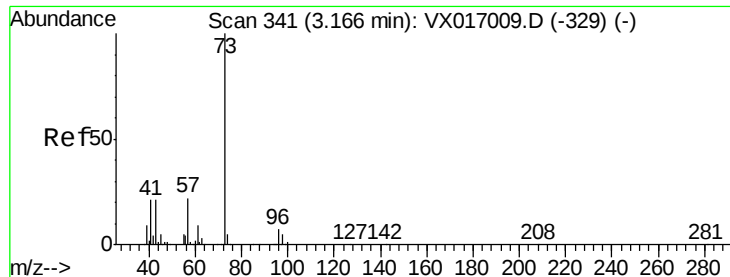
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#18
Methyl Acetate
Concen: 19.269 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.3	28.9





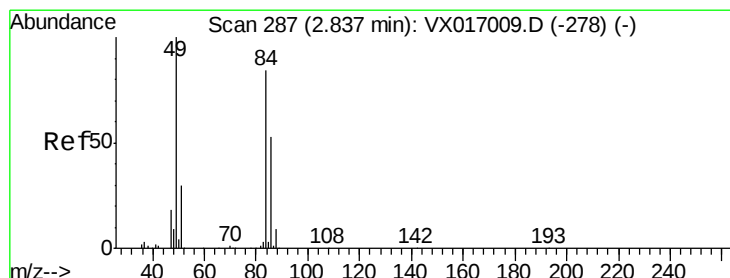
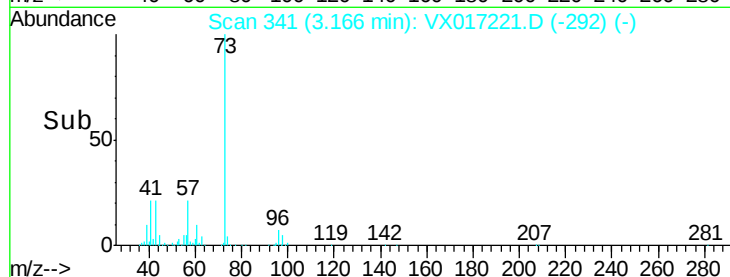
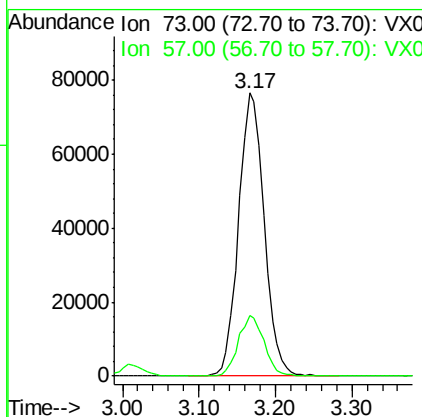
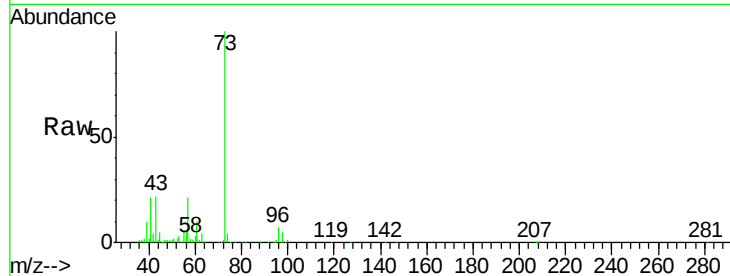
#19
Methvl tert-butvl Ether
Concen: 19.073 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion: 73 Resp: 177264
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4

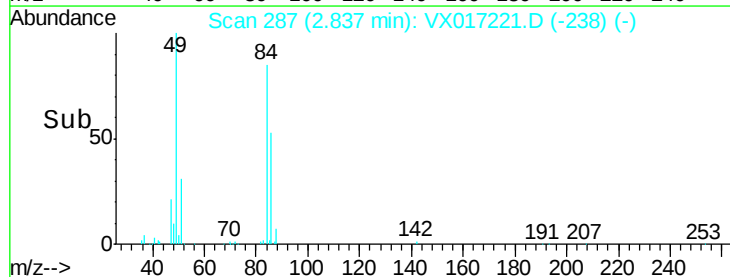
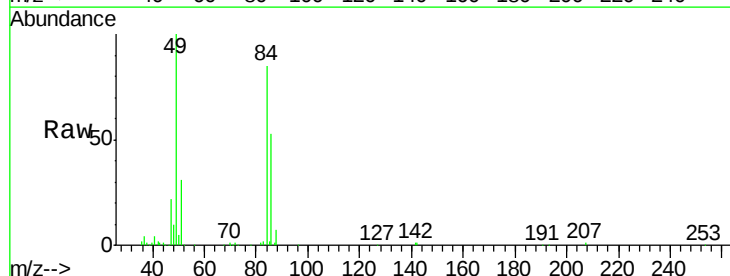
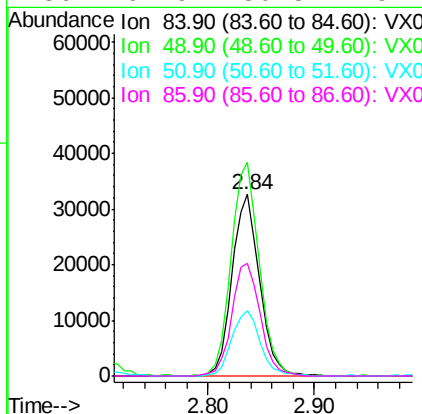
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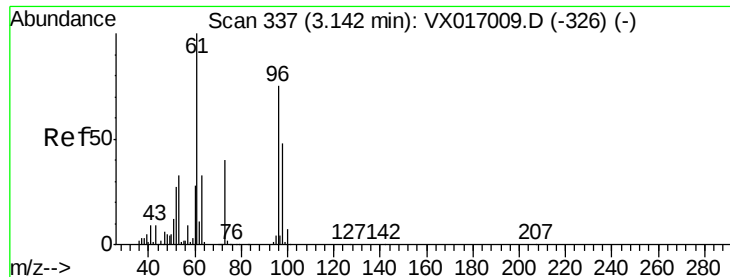
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#20
Methylene Chloride
Concen: 19.506 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion: 84 Resp: 59160
Ion Ratio Lower Upper
84 100
49 117.6 94.7 142.1
51 36.2 28.6 42.8
86 61.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.017 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

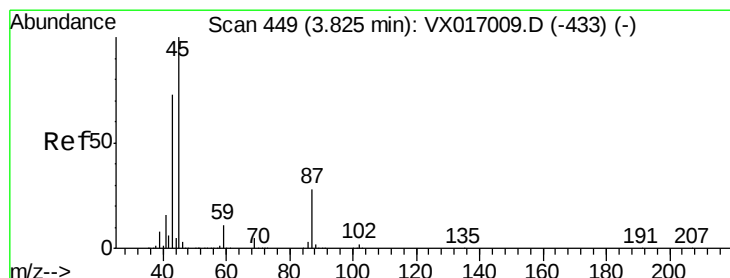
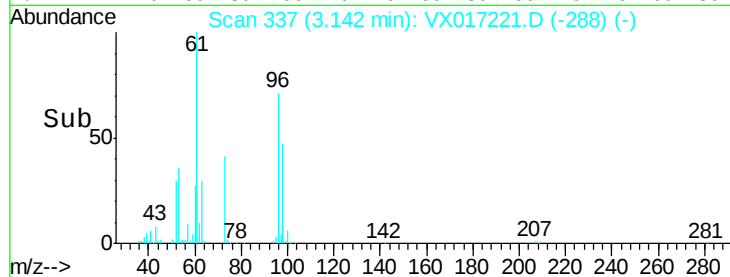
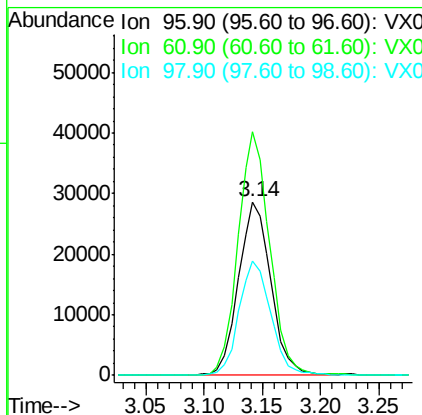
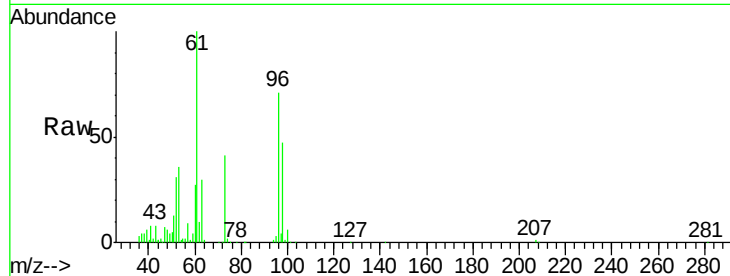
ClientSampleId :

VX0707WBS02

Tot Ion:	96	Resp:	55369
Ion	Ratio	Lower	Upper
96	100		
61	140.2	107.0	160.6
98	65.8	51.6	77.4

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#22

Diisopropyl ether

Concen: 19.128 ug/l

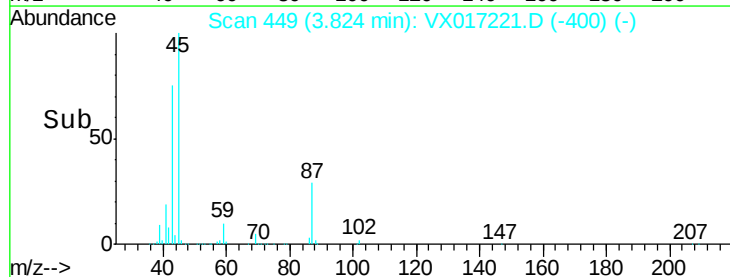
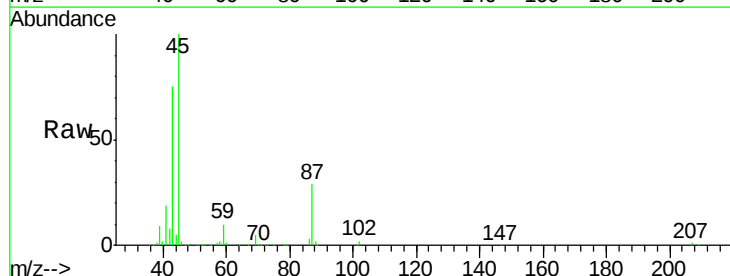
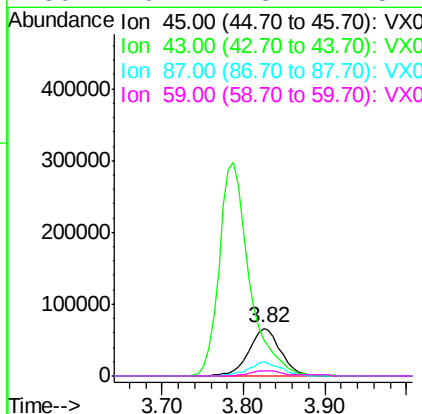
RT: 3.82 min Scan# 449

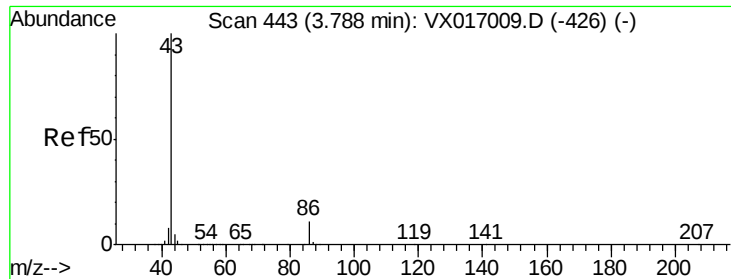
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	45	Resp:	181179
Ion	Ratio	Lower	Upper
45	100		
43	74.4	58.6	88.0
87	29.2	22.6	34.0
59	10.1	8.7	13.1





#23

Vinyl Acetate

Concen: 93.499 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampled :

VX0707WBS02

Tot Ion: 43 Resp: 761015

Ion Ratio Lower Upper

43 100

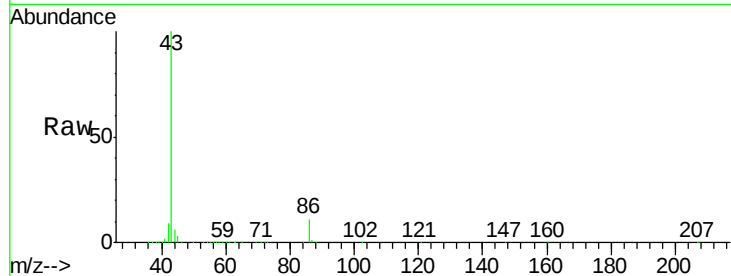
86 11.1 8.6 13.0

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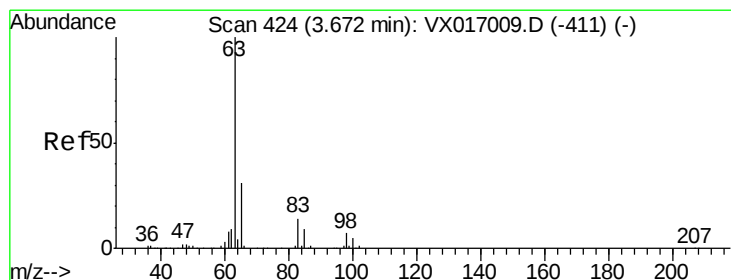
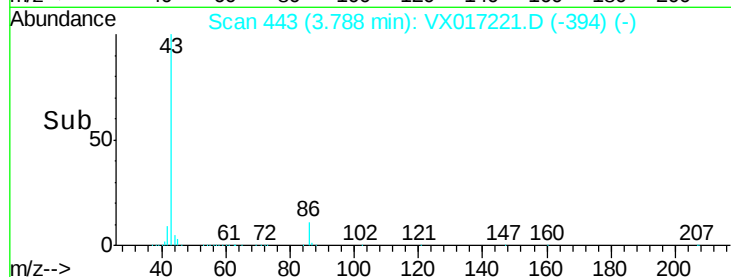
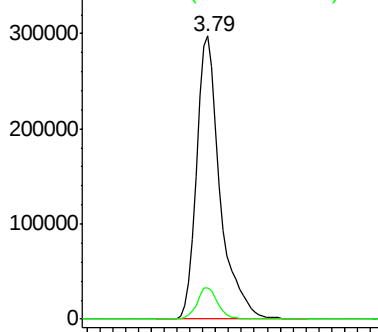
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.760 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

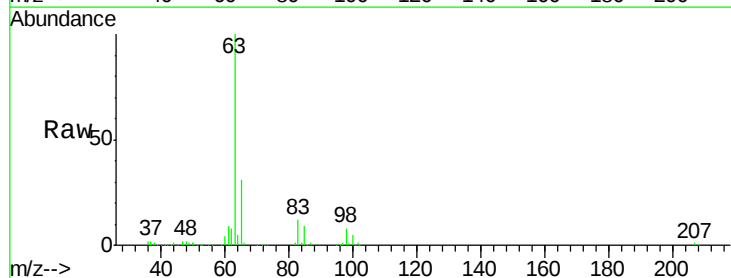
Tgt Ion: 63 Resp: 101107

Ion Ratio Lower Upper

63 100

98 8.5 3.6 10.8

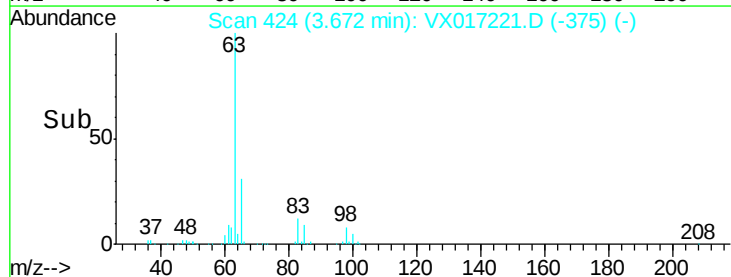
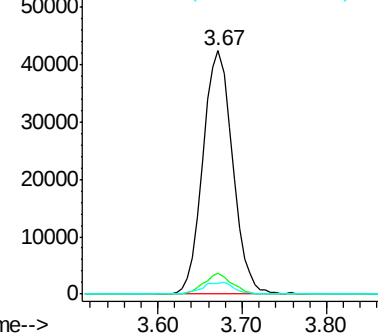
100 4.5 2.4 7.1

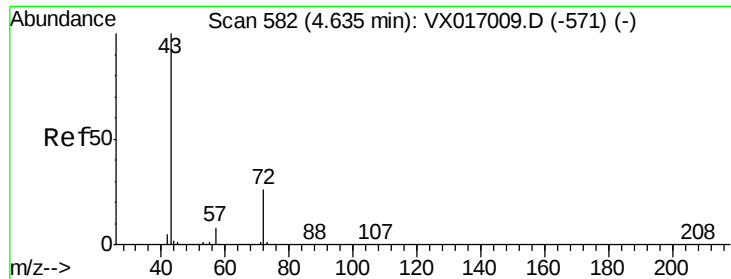


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.116 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 43 Resp: 202427

Ion Ratio Lower Upper

43 100

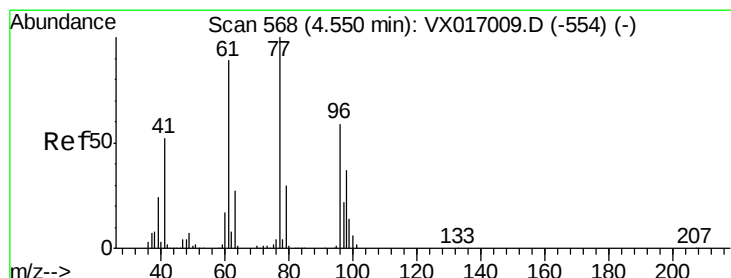
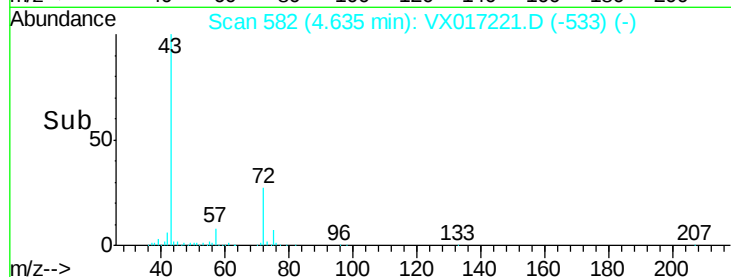
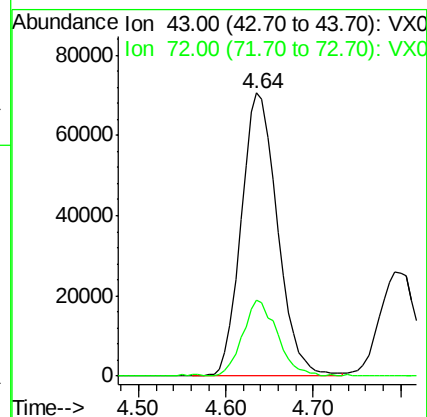
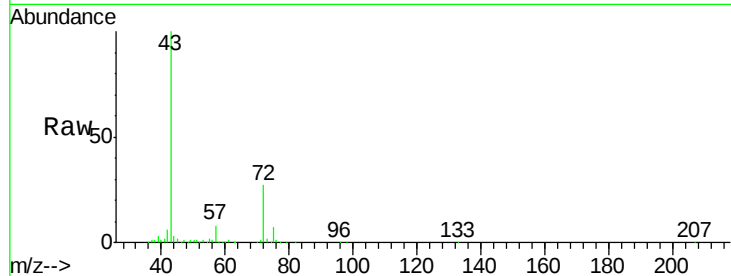
72 26.5 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.883 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017221.D

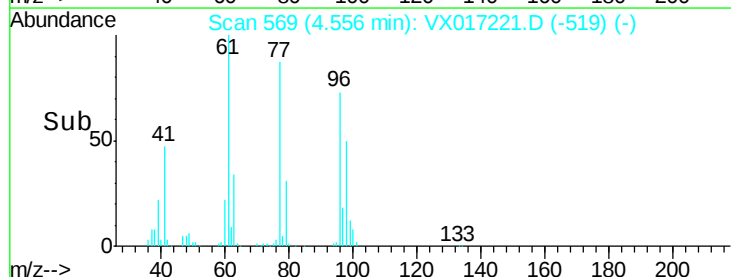
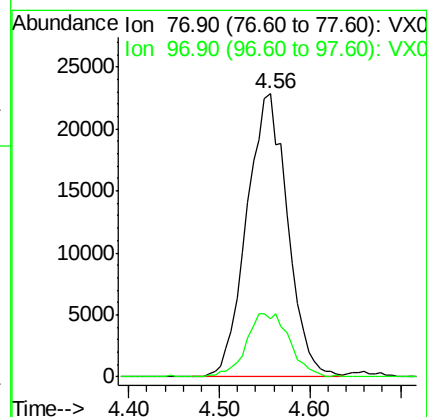
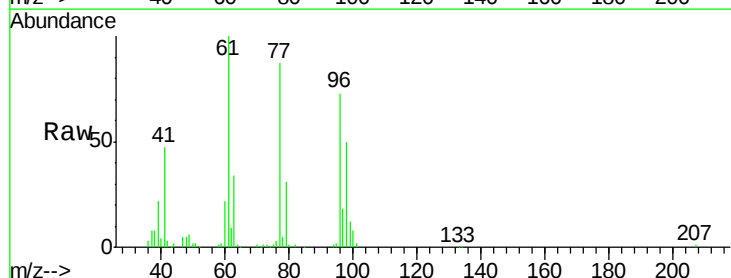
Acq: 07 Jul 2020 23:04

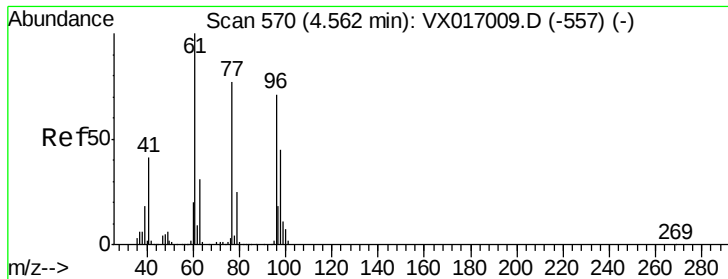
Tgt Ion: 77 Resp: 71222

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2





#27

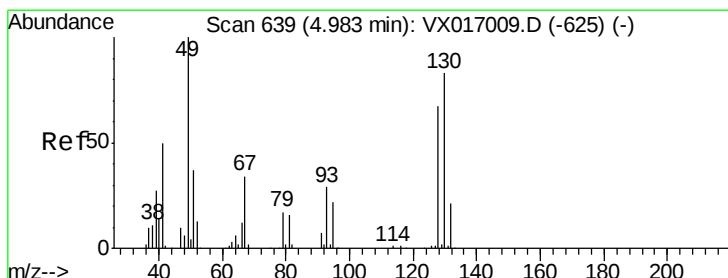
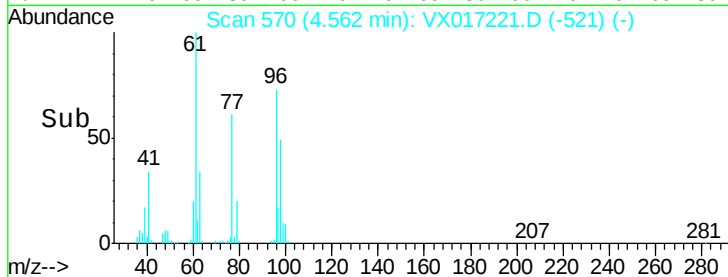
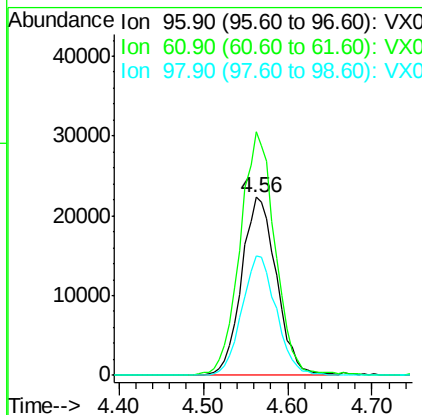
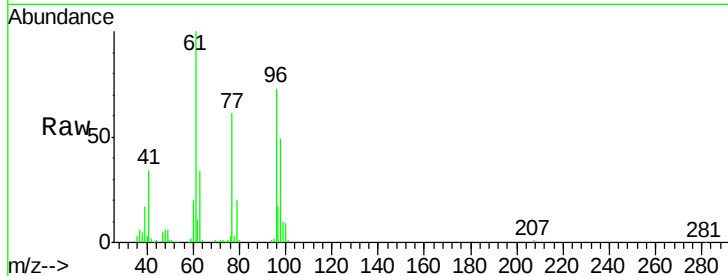
cis-1,2-Dichloroethene
Concen: 18.027 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	282.8
98	65.4	0.0	127.6

Manual Integrations
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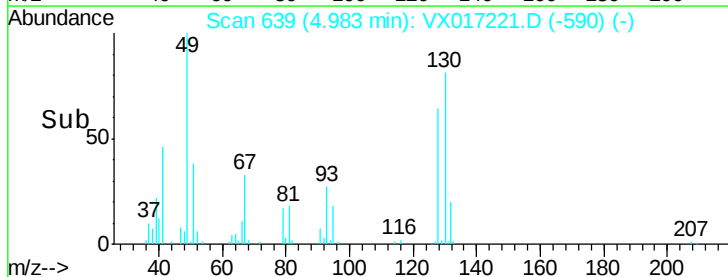
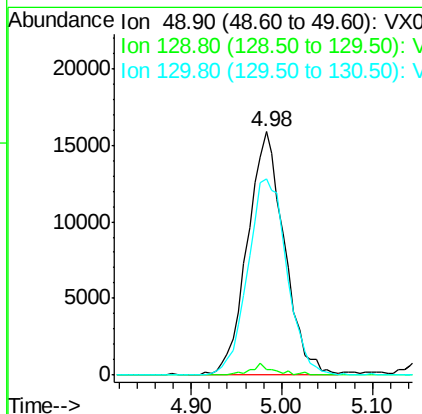
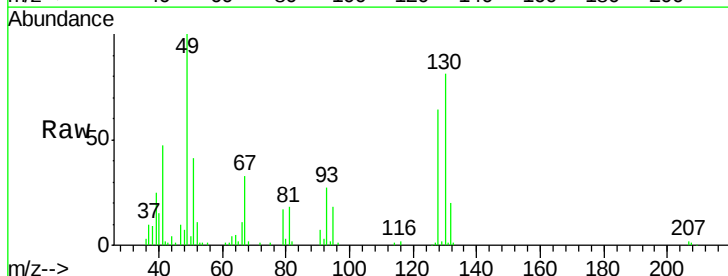
MMDadoda
7/8/2020 9:31:54 AM

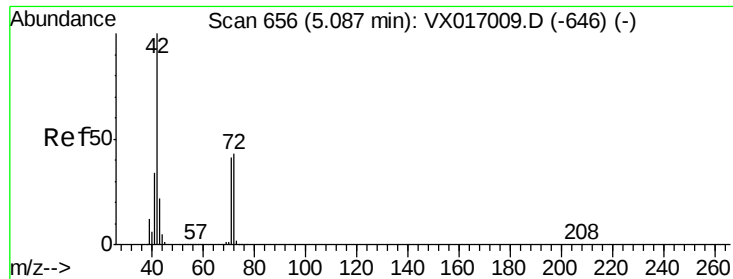


#28

Bromochloromethane
Concen: 17.050 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.2
130	85.7	66.6	100.0





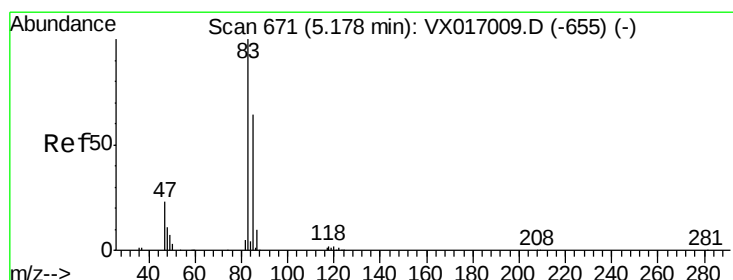
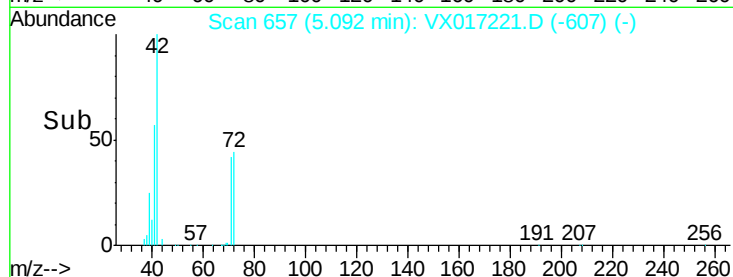
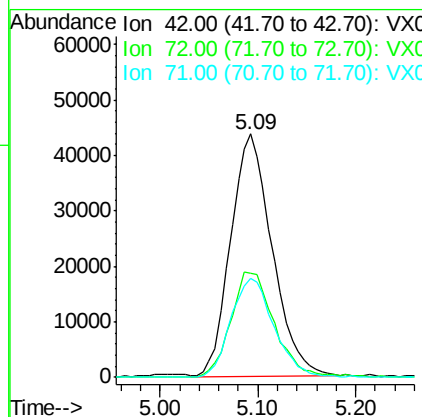
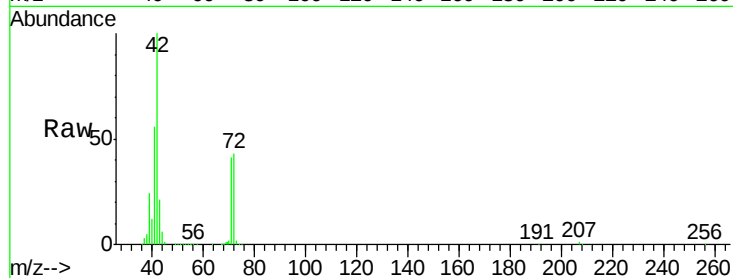
#29
Tetrahydrofuran
Concen: 90.615 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.3	52.9
71	42.5	33.1	49.7

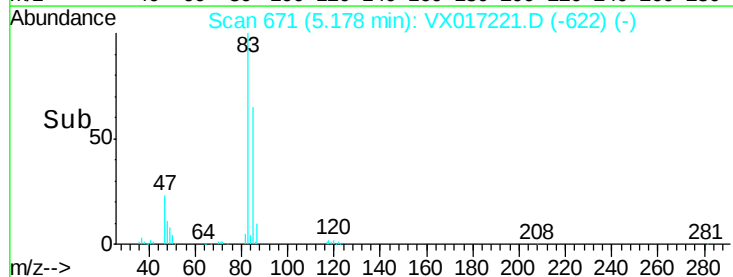
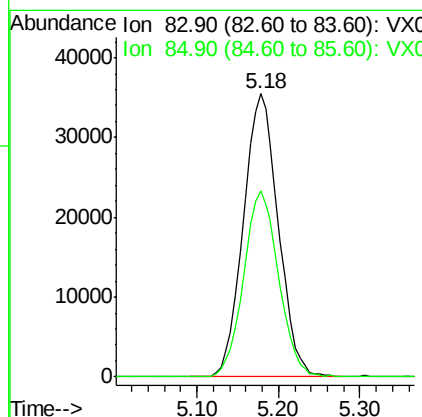
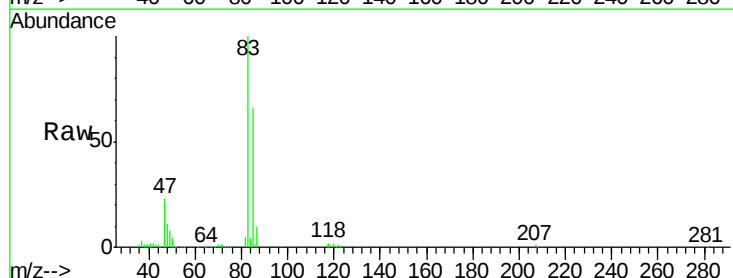
Manual Integrations
APPROVED

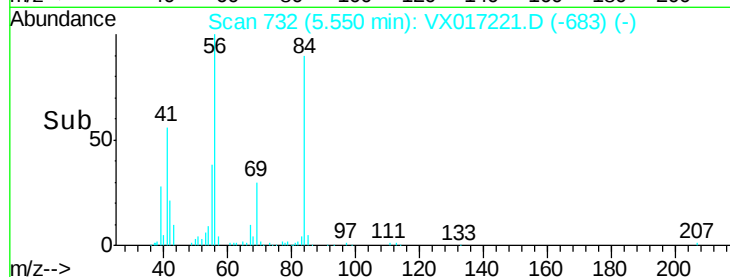
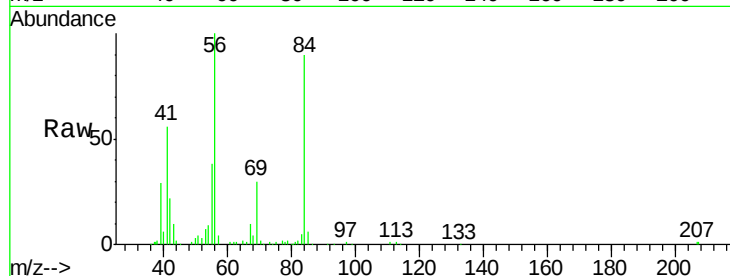
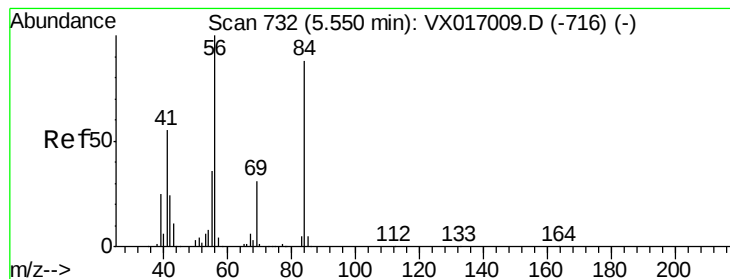
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7/8/2020 9:31:54 AM



#30
Chloroform
Concen: 19.073 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.2





#31

Cyclohexane

Concen: 16.645 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017221.D

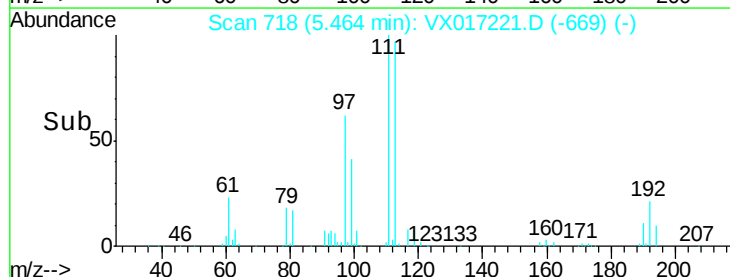
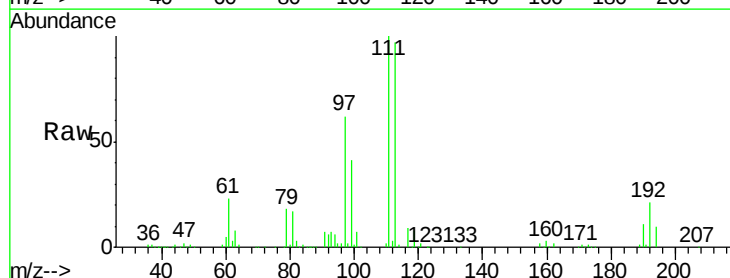
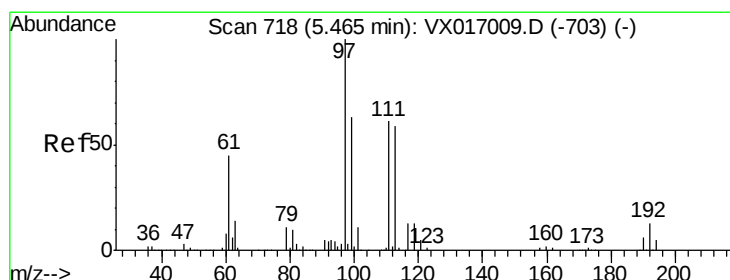
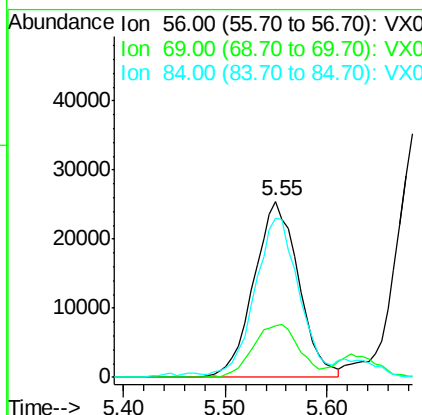
Acq: 07 Jul 2020 23:04

Tot Ion:	56	Resp:	77543
Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.4
84	87.8	69.1	103.7

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.223 ug/l

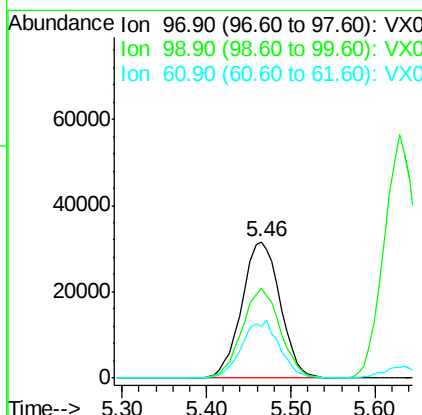
RT: 5.46 min Scan# 718

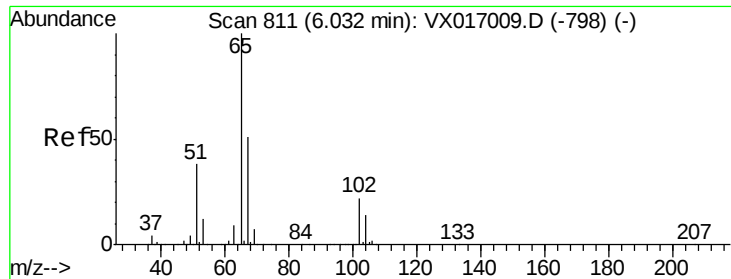
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	97	Resp:	97808
Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.8	76.2
61	41.5	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.860 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 65 Resp: 172044

Ion Ratio Lower Upper

65 100

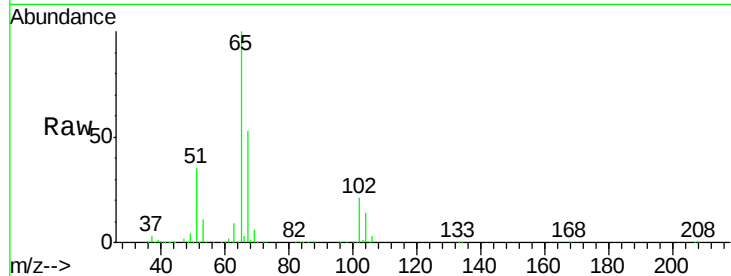
67 51.7 0.0 103.8

Manual Integrations

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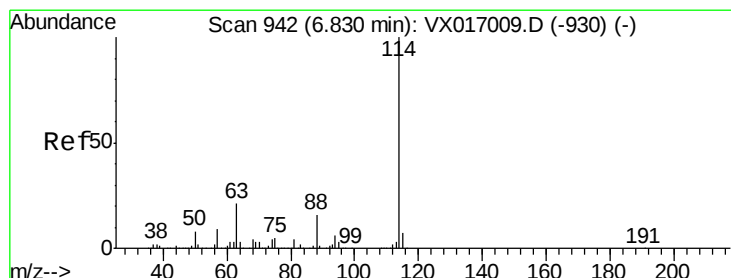
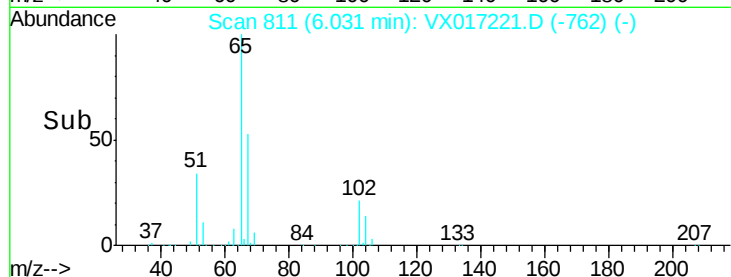
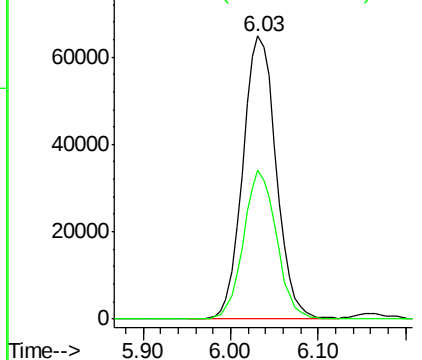
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

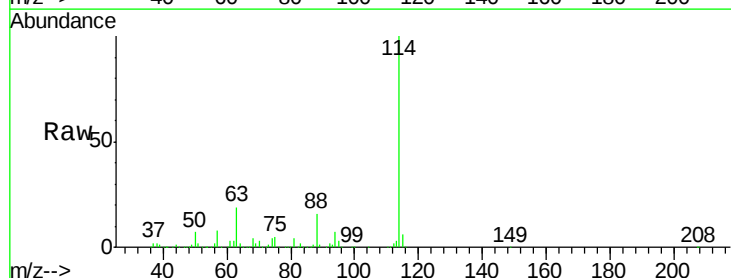
Tgt Ion: 114 Resp: 437536

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

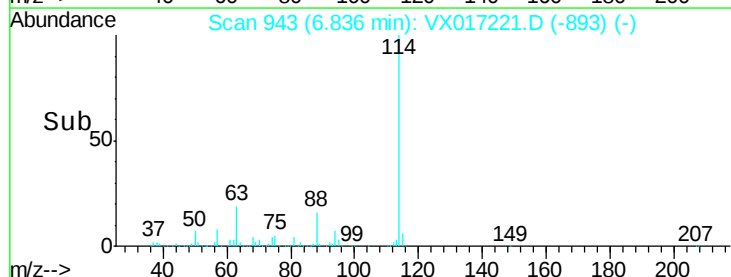
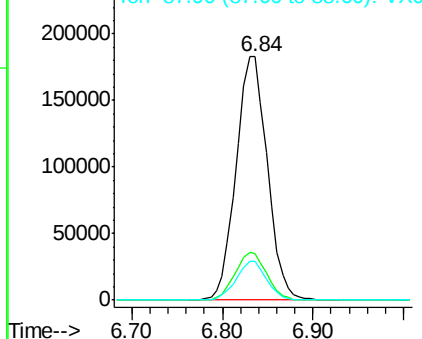
88 15.7 0.0 32.4

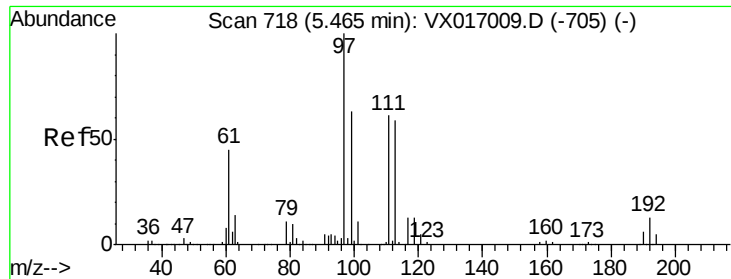


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





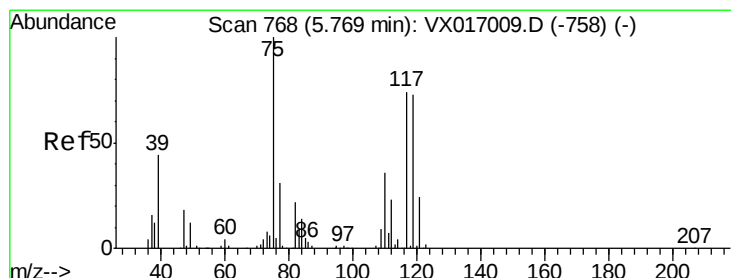
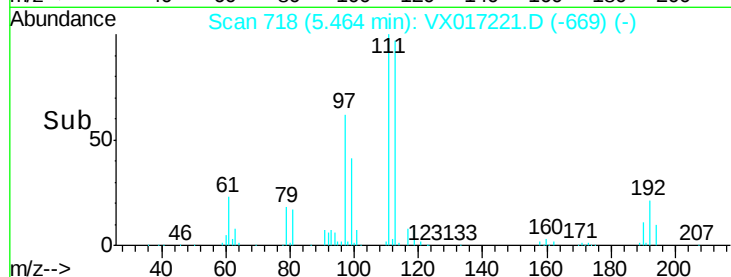
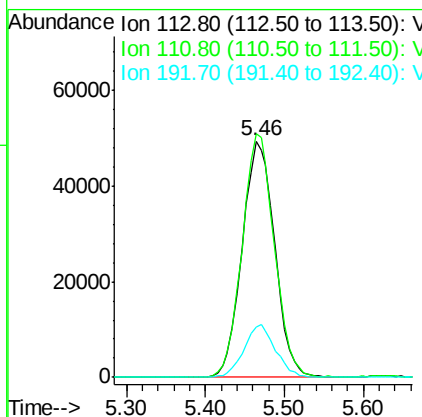
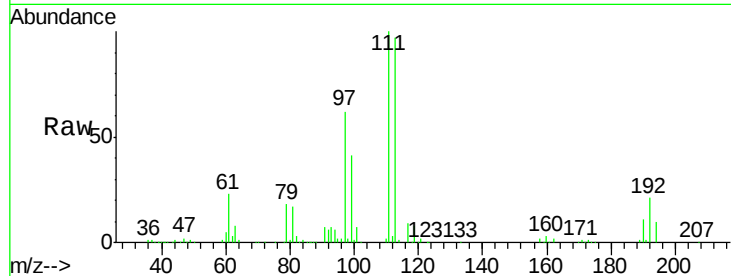
#35
 Dibromofluoromethane
 Concen: 51.135 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	81.9	122.9	
192	21.5	16.7	25.1	

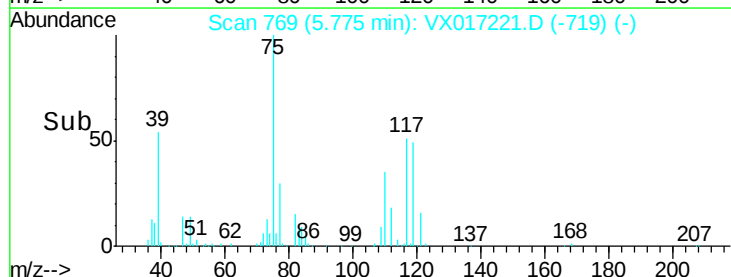
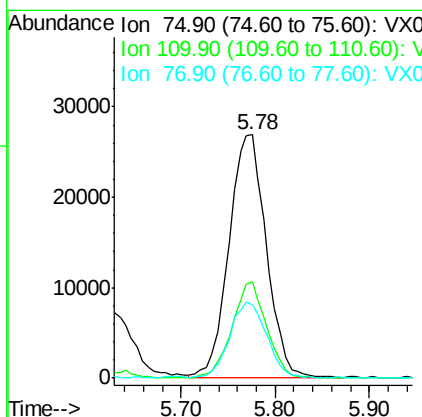
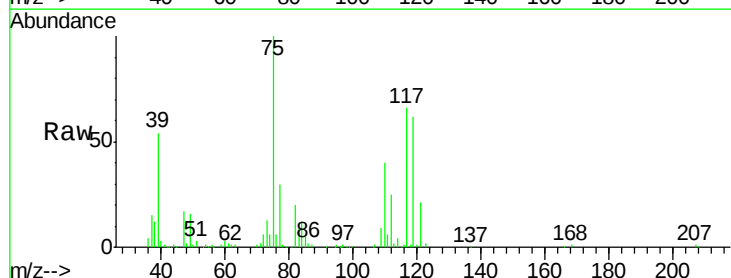
Manual Integrations
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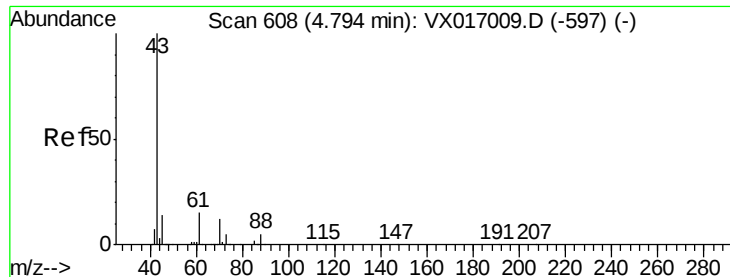
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 7/8/2020 9:31:54 AM



#36
 1,1-Dichloropropene
 Concen: 18.025 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.7	18.1	54.1	
77	31.1	24.6	37.0	





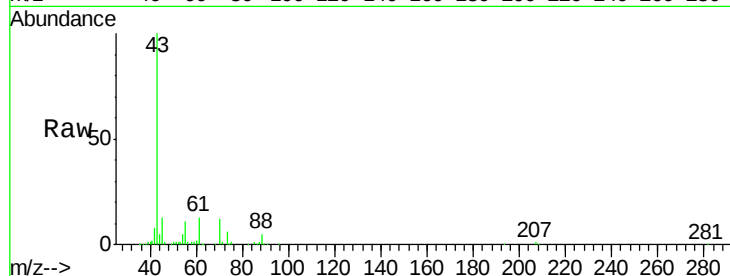
#37
Ethyl Acetate
Concen: 18.711 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.4
70	12.3	8.9	13.3

Manual Integrations
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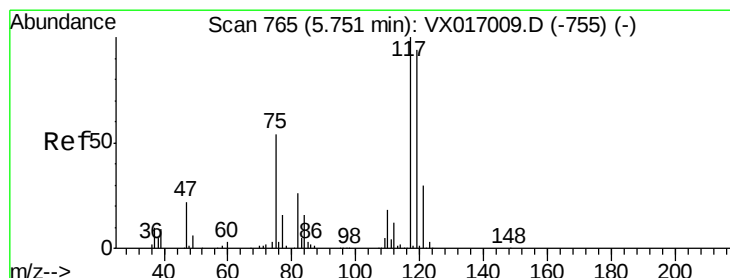
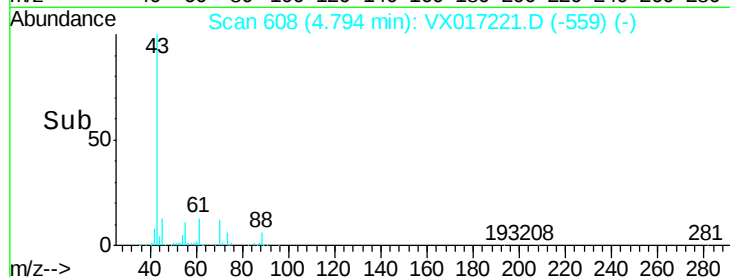
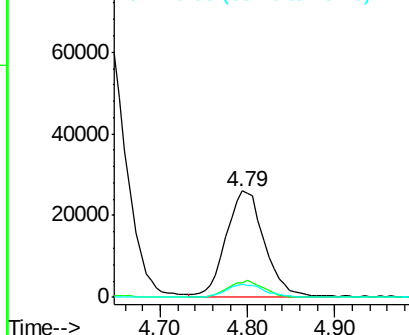


Abundance

Ion 43.00 (42.70 to 43.70): VX0

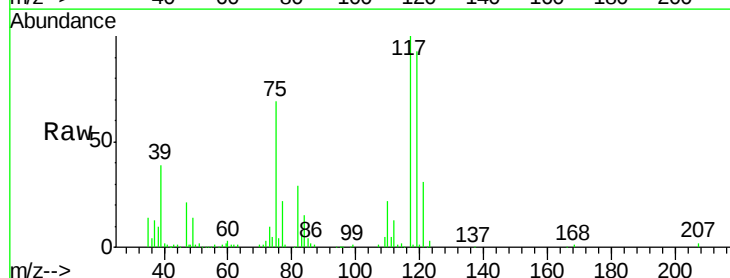
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.4	113.0
121	30.8	23.8	35.6

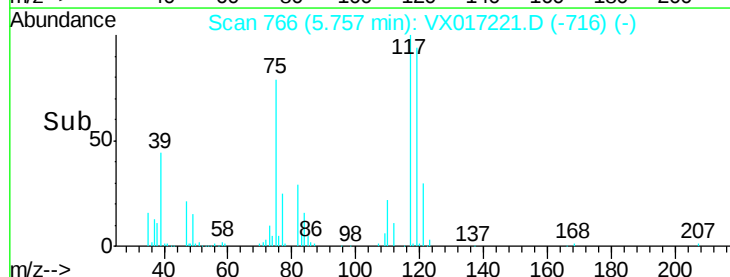
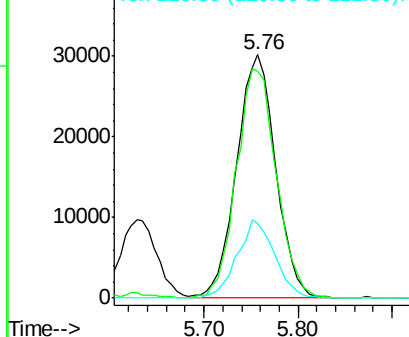


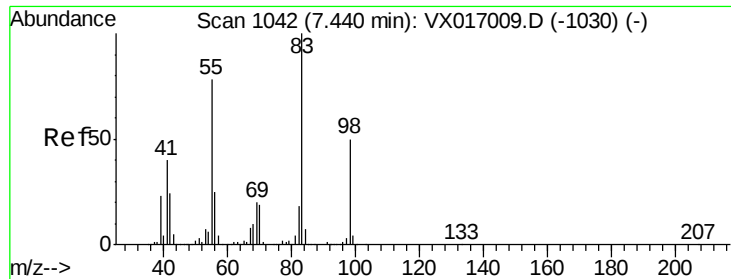
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





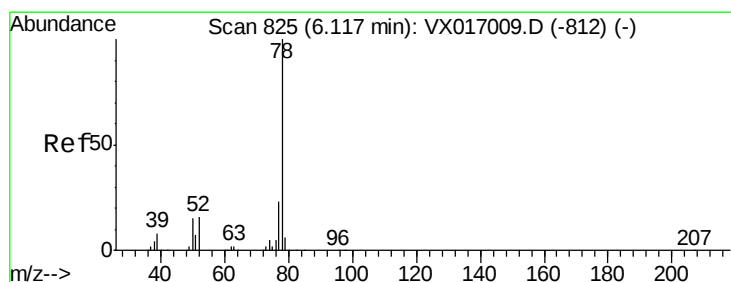
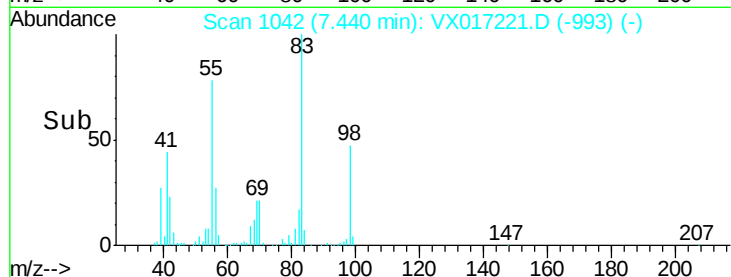
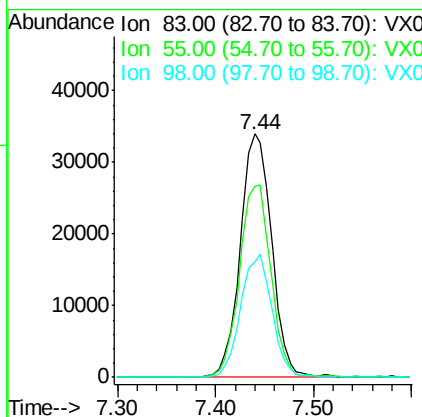
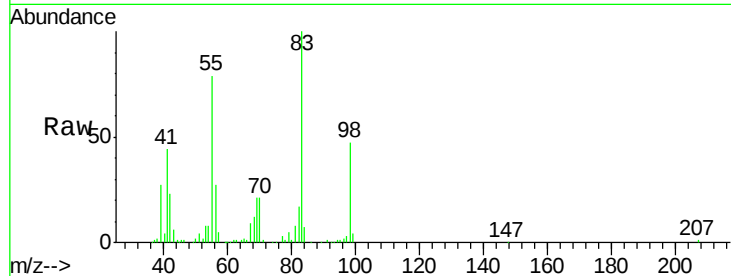
#39
Methvlcvclohexane
Concen: 16.448 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	62.5	93.7
98	47.4	40.1	60.1

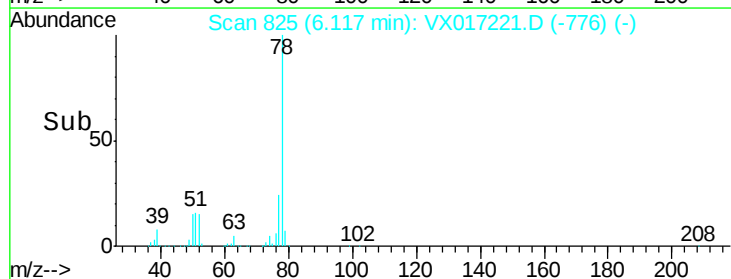
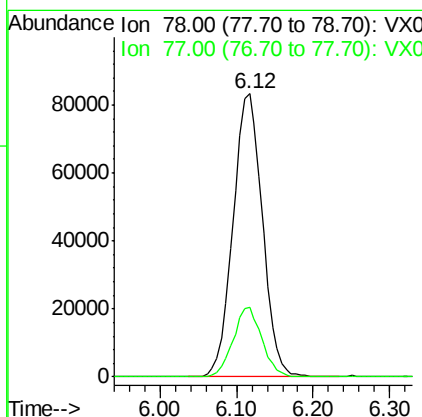
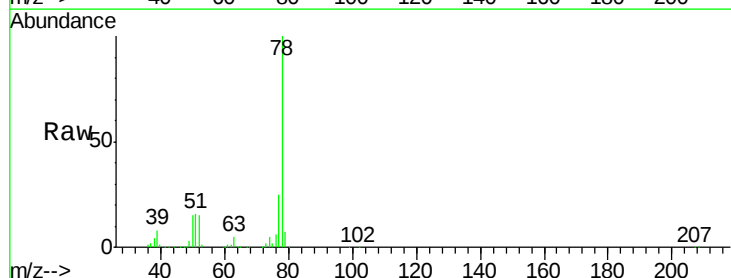
Manual Integrations
APPROVED

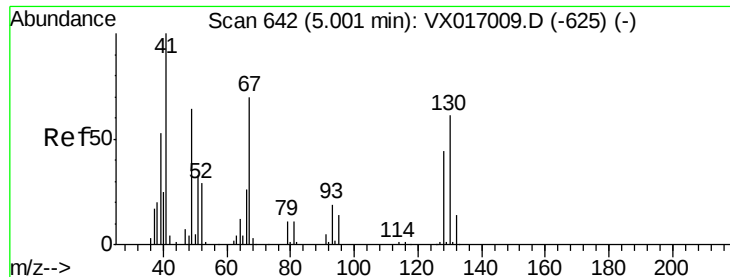
MMDadoda
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#40
Benzene
Concen: 18.254 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.3	27.5





#41

Methacrylonitrile

Concen: 18.678 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

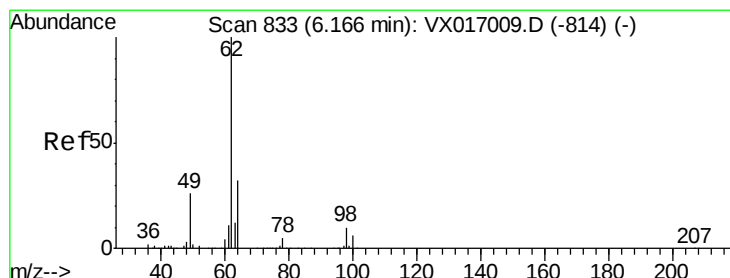
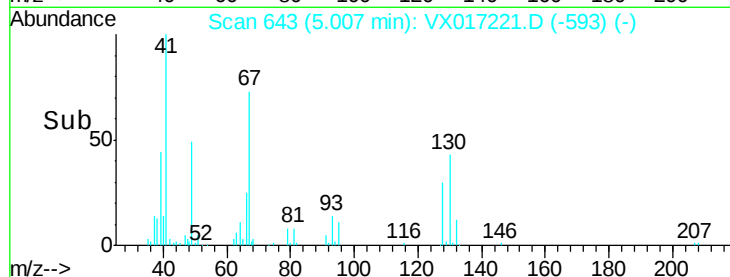
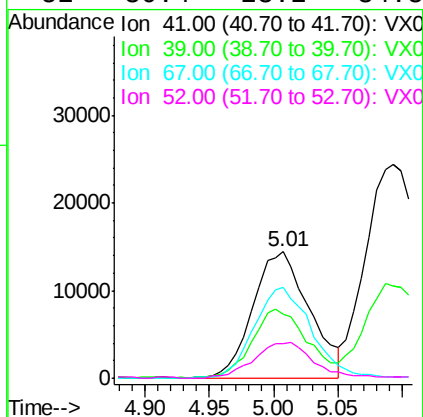
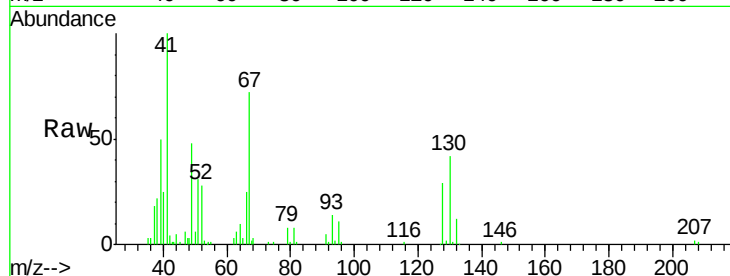
ClientSampleId :

VX0707WBS02

Tot Ion:	41	Resp:	44106
Ion	Ratio	Lower	Upper
41	100		
39	52.2	44.4	66.6
67	72.9	57.1	85.7
52	30.4	23.2	34.8

Manual Integrations
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7/8/2020 9:31:54 AM



#42

1,2-Dichloroethane

Concen: 19.845 ug/l

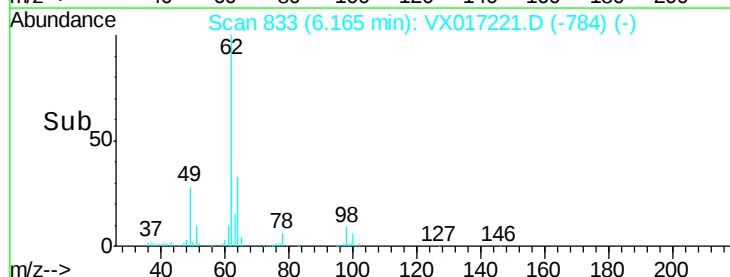
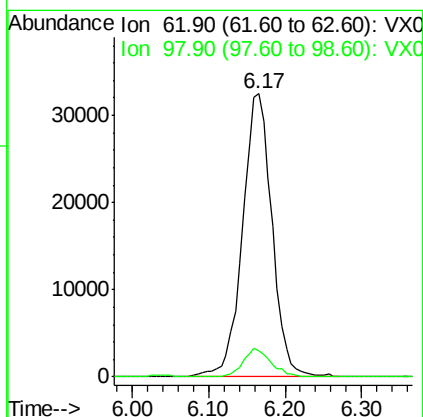
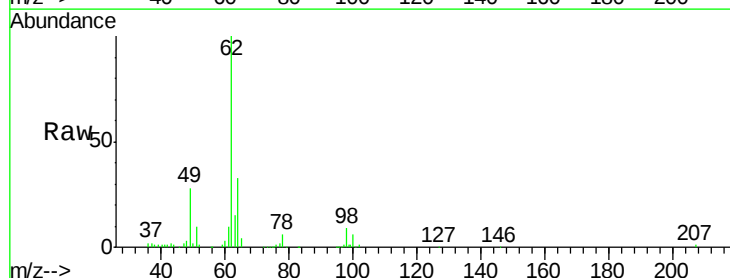
RT: 6.17 min Scan# 833

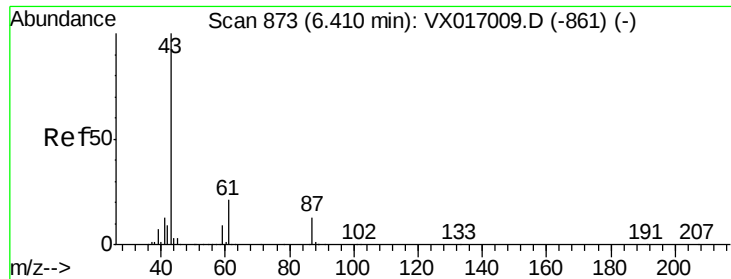
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	62	Resp:	87092
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

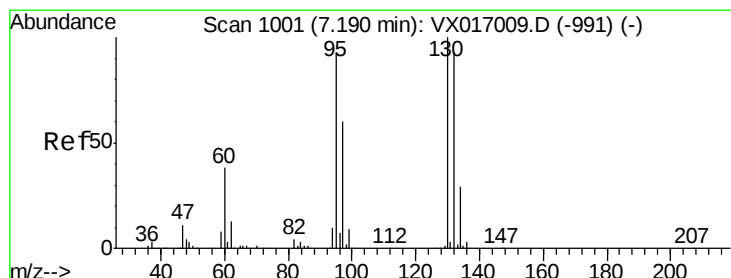
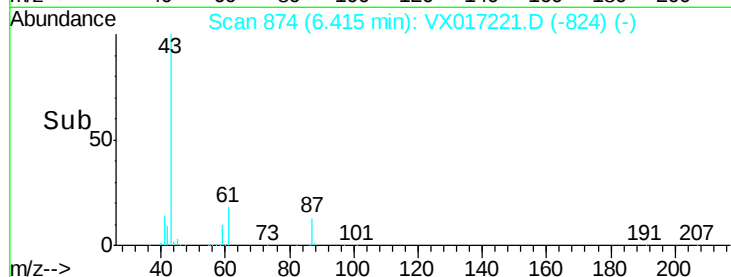
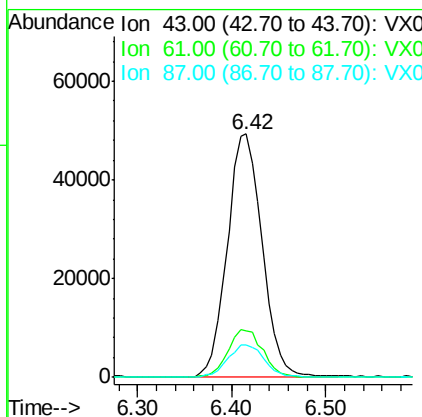
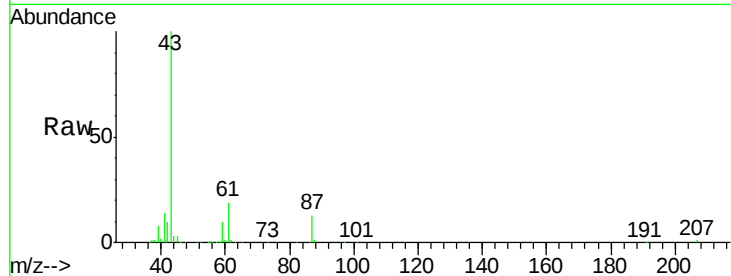
Isopropyl Acetate
 Concen: 18.150 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.2
87	14.1	10.7	16.1

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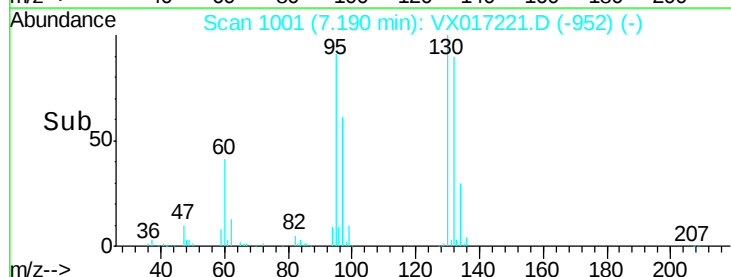
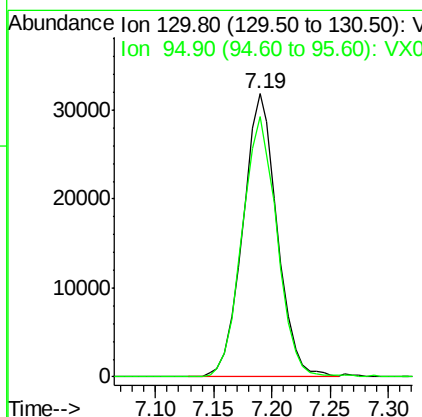
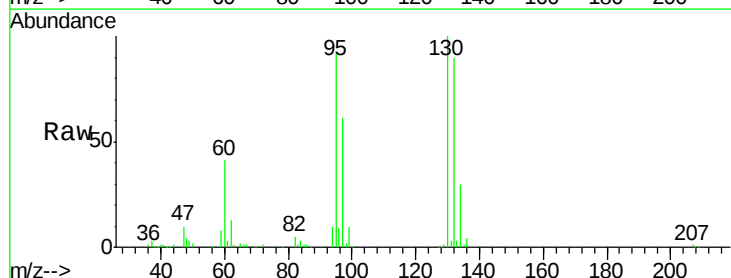
MMDadoda
 7/8/2020 9:31:54 AM



#44

Trichloroethene
 Concen: 19.224 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	185.0





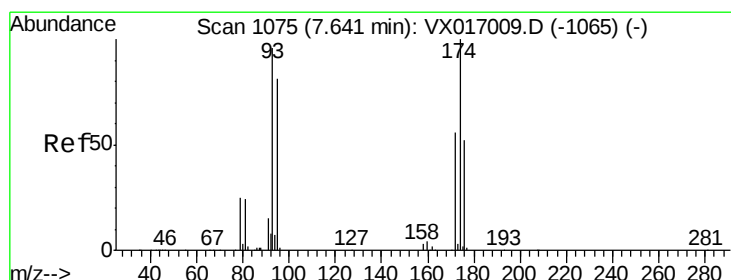
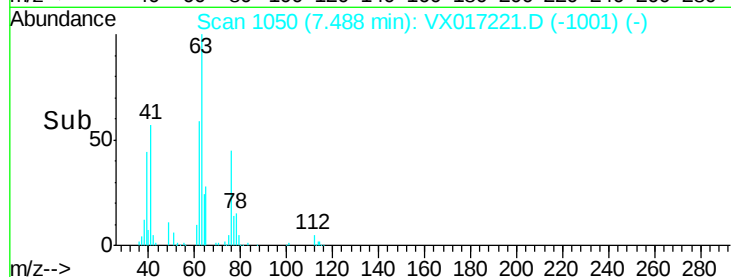
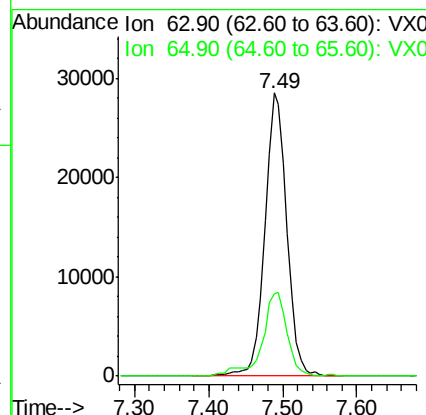
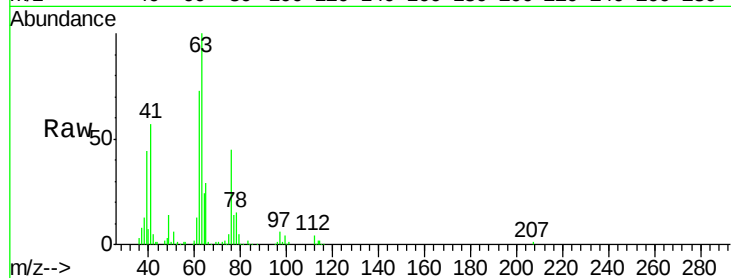
#45
 1,2-Dichloropropane
 Concen: 18.767 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.6	36.8

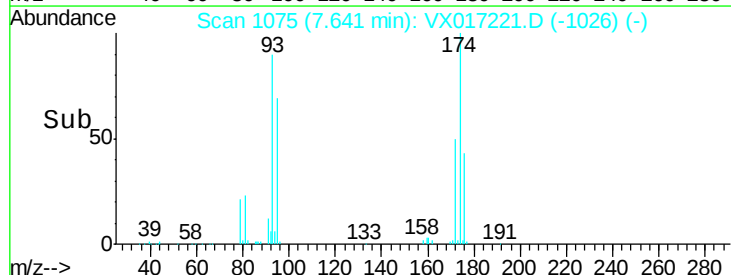
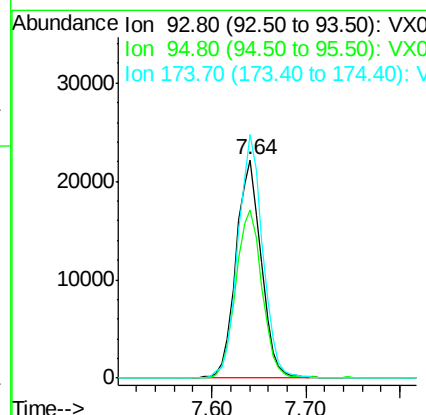
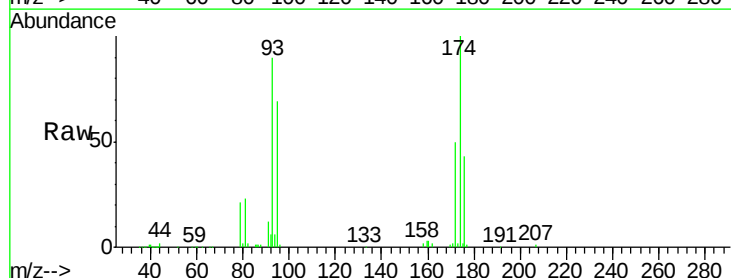
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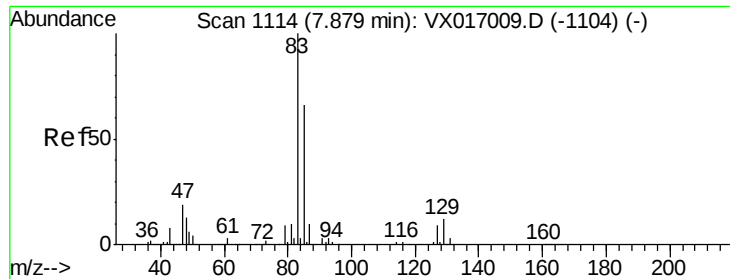
MMDadoda
 7/8/2020 9:31:54 AM



#46
 Dibromomethane
 Concen: 19.411 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.7	67.4	101.0
174	109.4	84.3	126.5





#47

Bromodichloromethane

Concen: 19.356 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

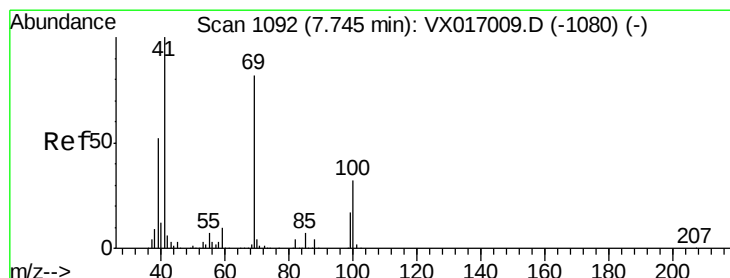
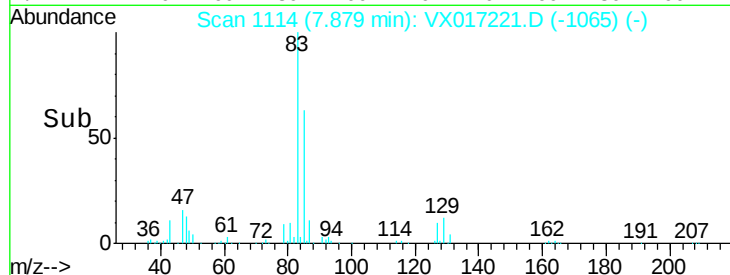
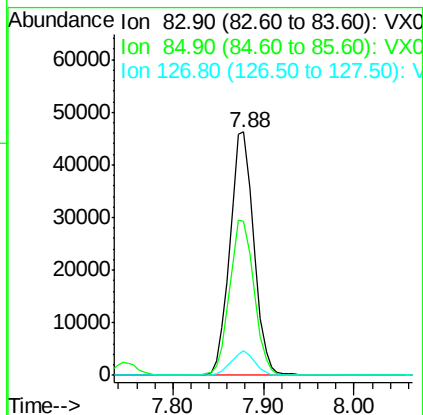
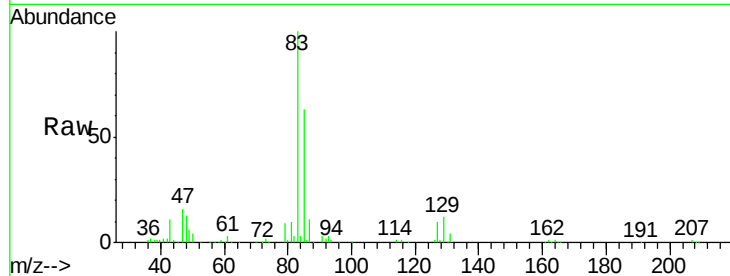
ClientSampleId :

VX0707WBS02

Tot Ion:	83	Resp:	84984
Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.0	79.4
127	10.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.138 ug/l

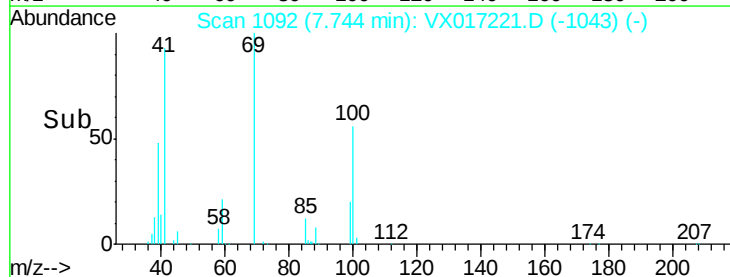
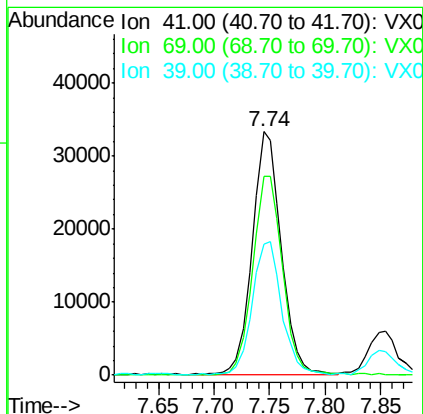
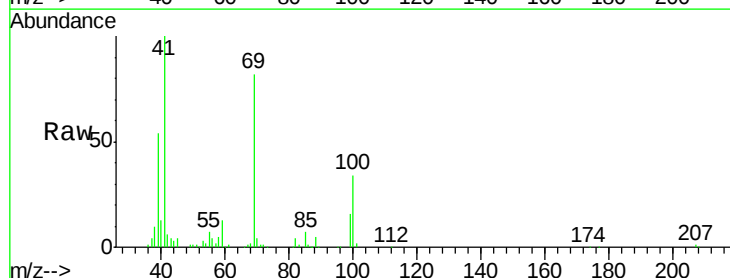
RT: 7.74 min Scan# 1092

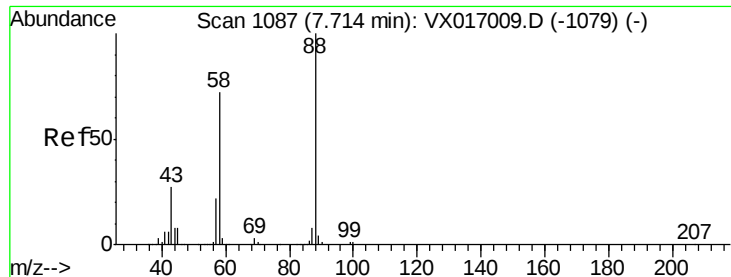
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	41	Resp:	60079
Ion	Ratio	Lower	Upper
41	100		
69	84.8	65.8	98.8
39	55.6	42.5	63.7





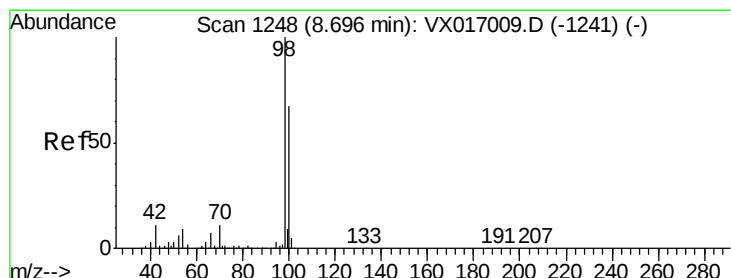
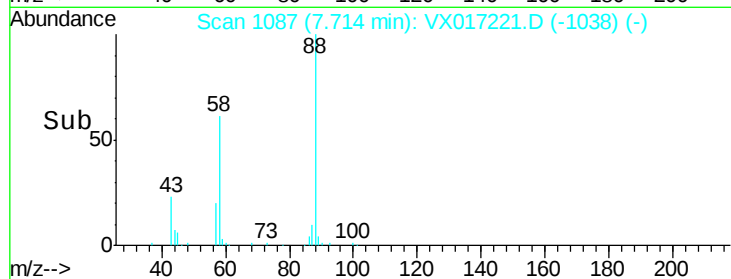
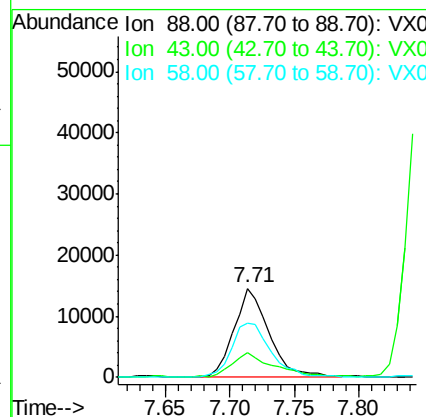
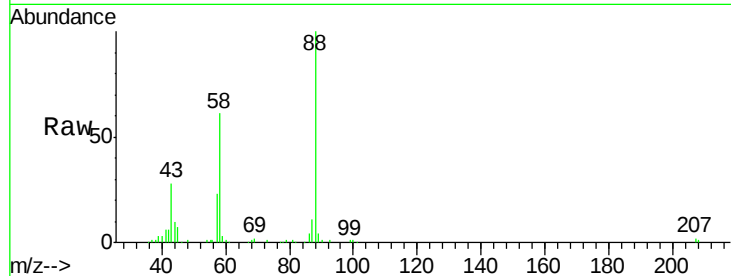
#49
 1,4-Dioxane
 Concen: 367.869 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.8	38.8
58	69.4	54.8	82.2

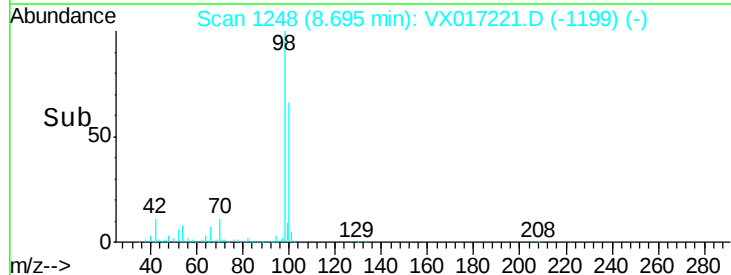
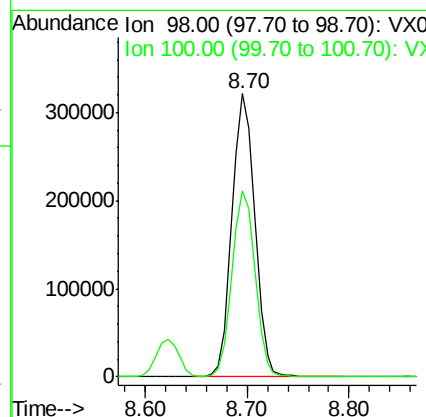
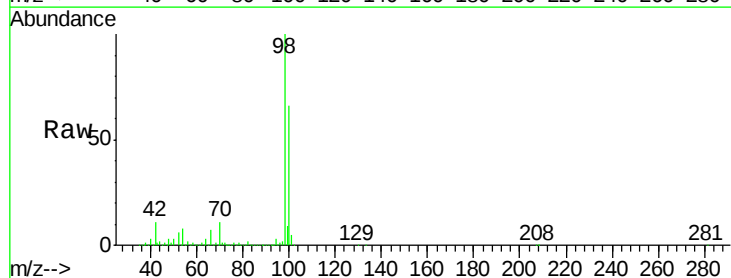
Manual Integrations
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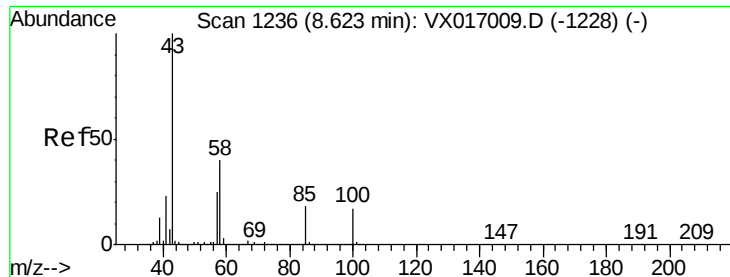
MMDadoda
 7/8/2020 9:31:54 AM



#50
 Toluene-d8
 Concen: 48.557 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 96.311 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 43 Resp: 400267

Ion Ratio Lower Upper

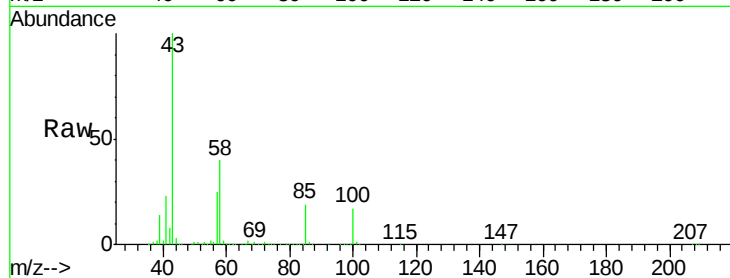
43 100

58 39.3 31.9 47.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

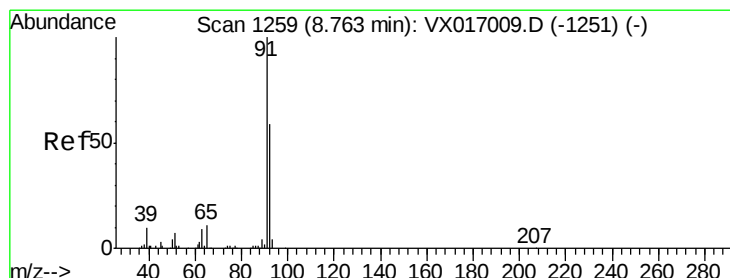
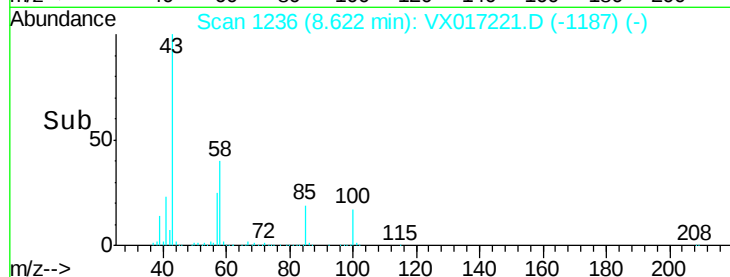
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.670 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017221.D

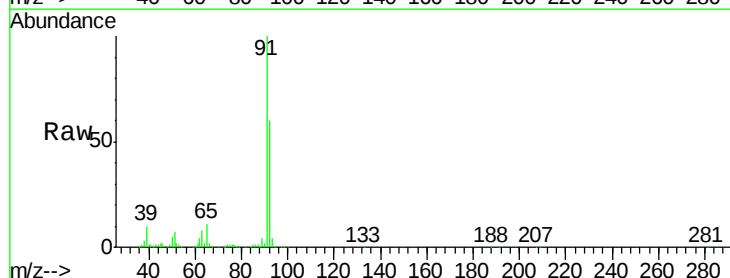
Acq: 07 Jul 2020 23:04

Tgt Ion: 92 Resp: 141625

Ion Ratio Lower Upper

92 100

91 168.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

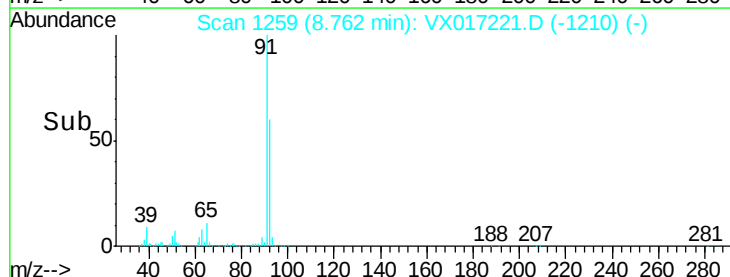
150000

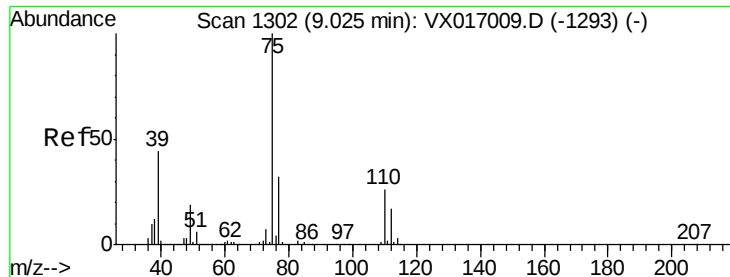
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.206 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 75 Resp: 88198

Ion Ratio Lower Upper

75 100

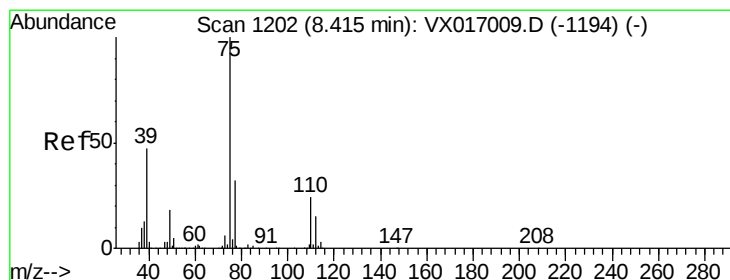
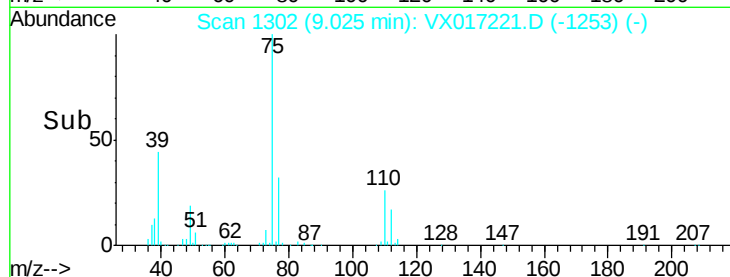
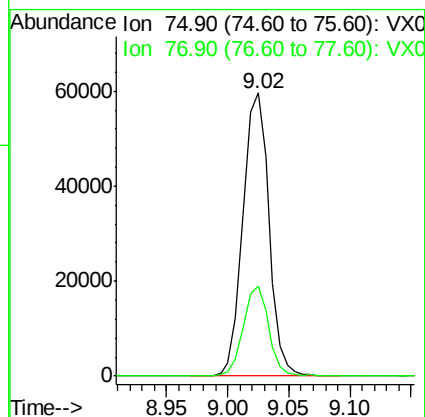
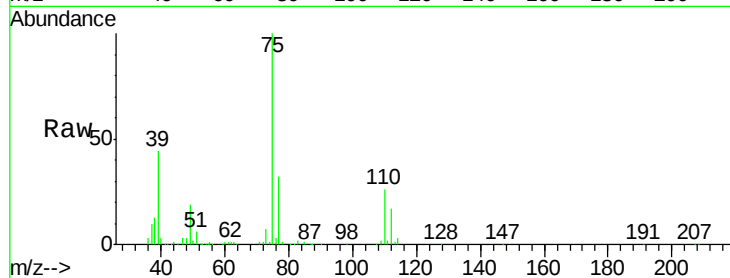
77 31.8 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 17.845 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

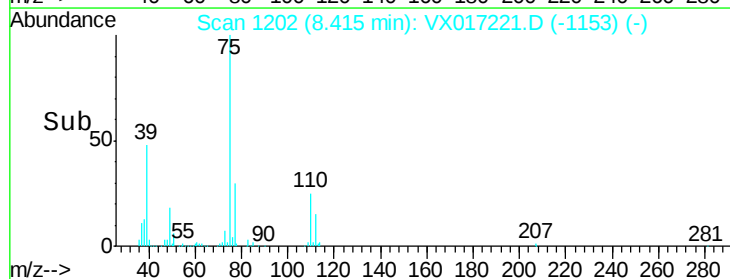
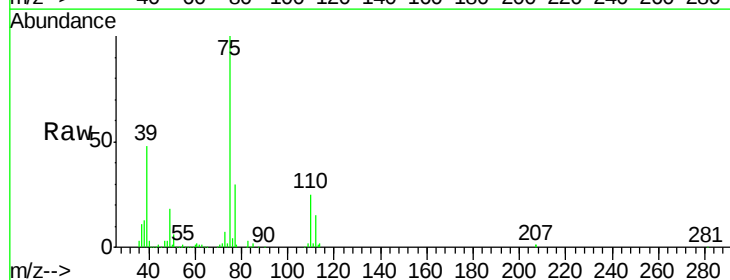
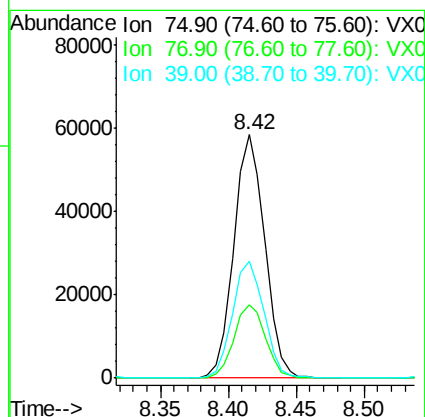
Tgt Ion: 75 Resp: 92669

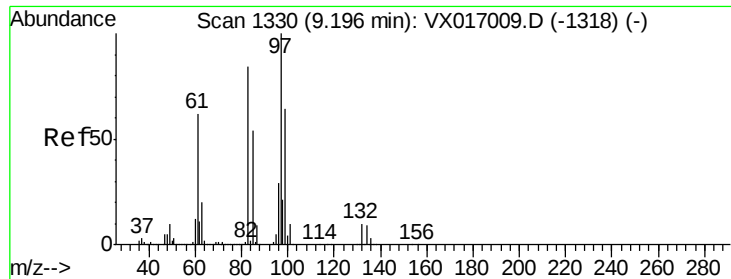
Ion Ratio Lower Upper

75 100

77 30.1 25.2 37.8

39 47.9 37.4 56.2





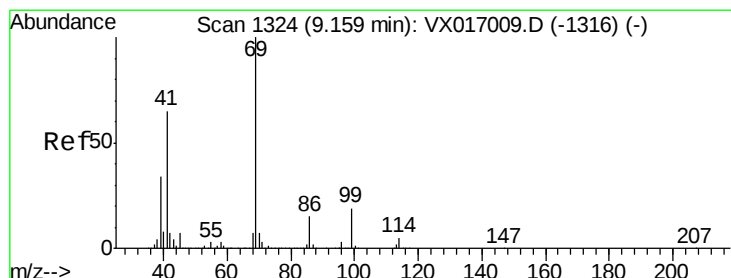
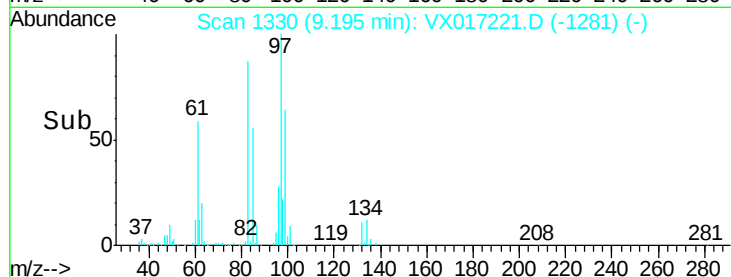
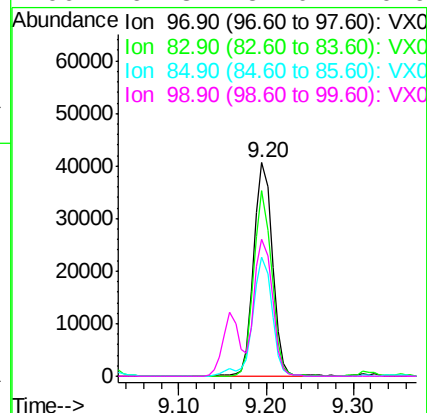
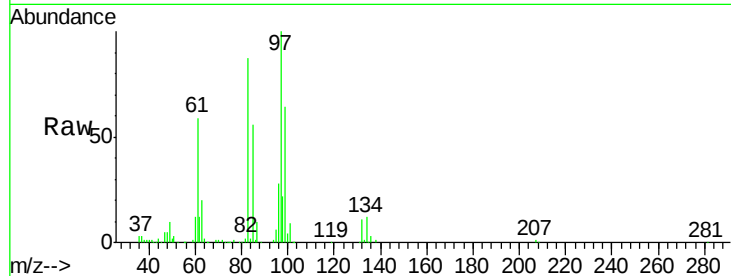
#55
 1,1,2-Trichloroethane
 Concen: 19.468 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion:	97	Resp:	60338
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.0	100.6
85	55.6	43.5	65.3
99	64.3	51.0	76.6

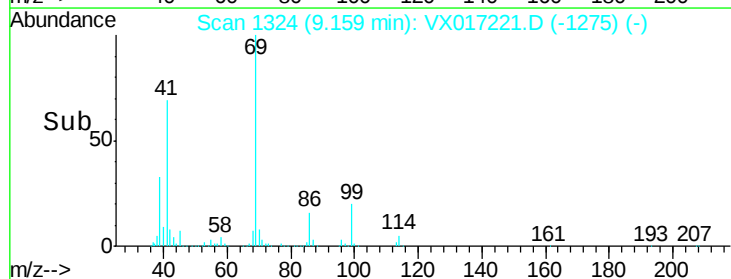
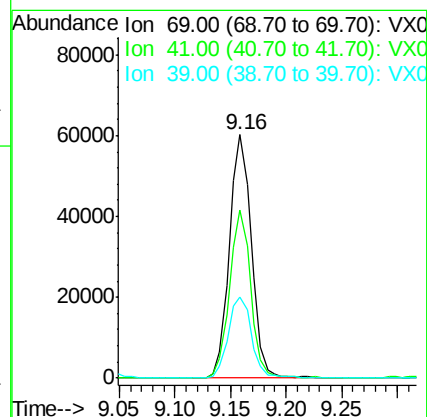
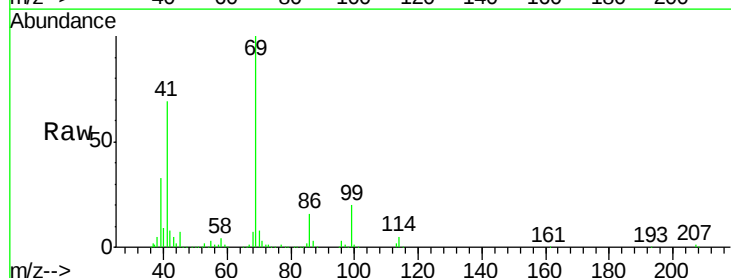
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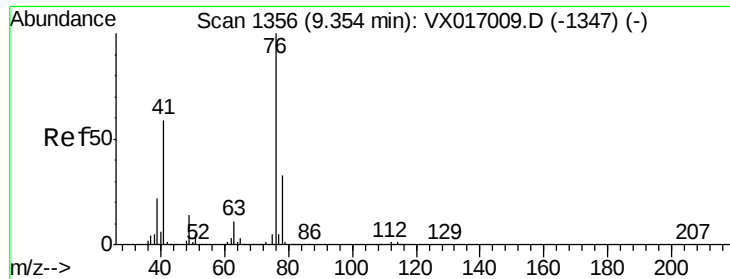
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#56
 Ethyl methacrylate
 Concen: 18.677 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion:	69	Resp:	82393
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.6	80.4
39	35.4	28.2	42.2





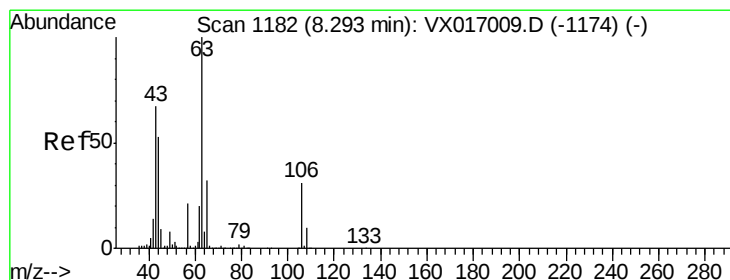
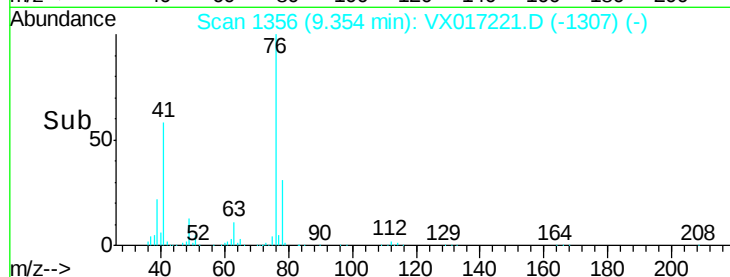
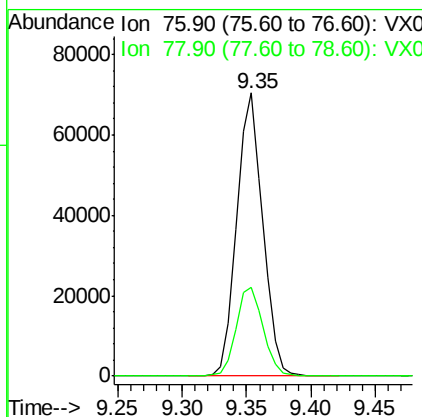
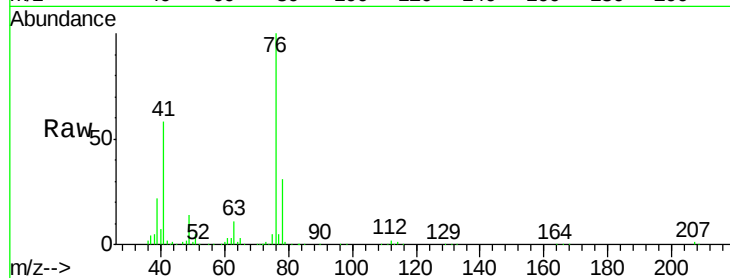
#57
 1,3-Dichloropropane
 Concen: 18.808 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

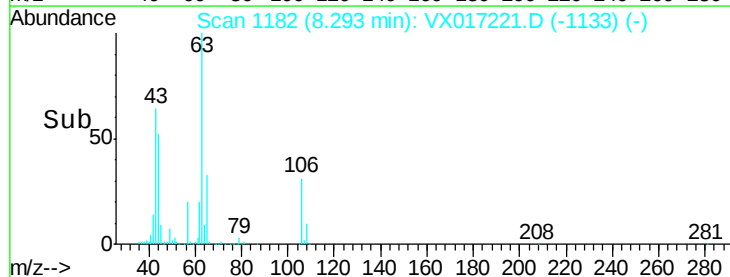
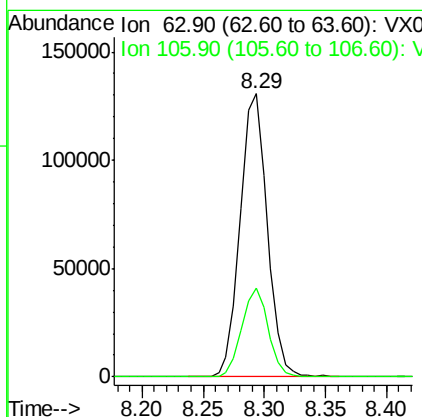
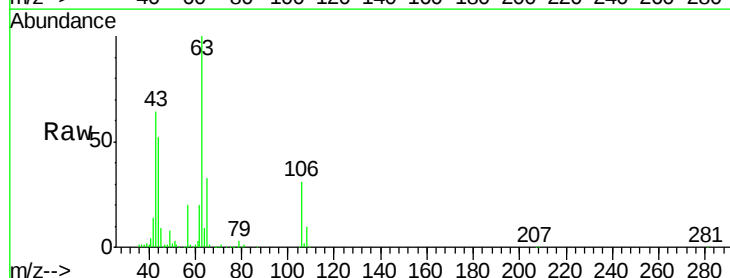
Manual Integrations
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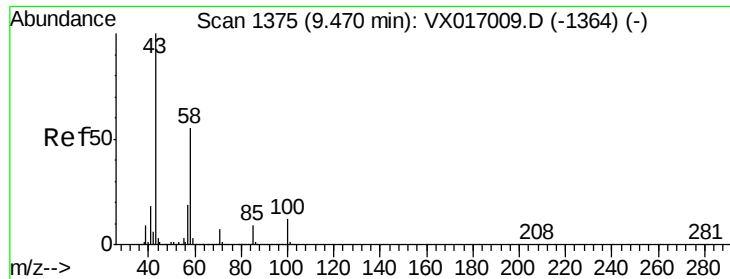
MMDadoda
 7/8/2020 9:31:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.539 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.0	36.0





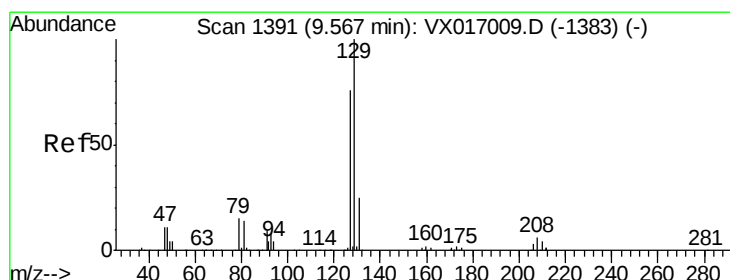
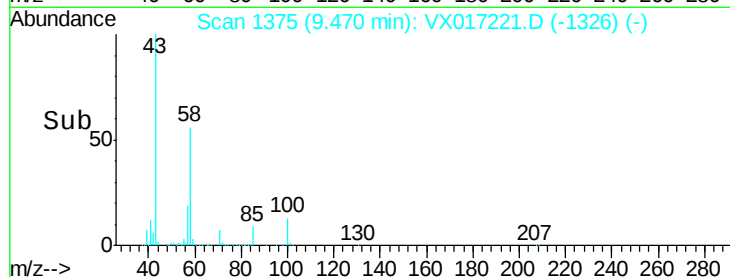
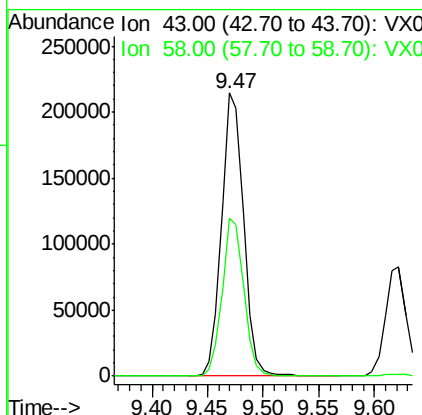
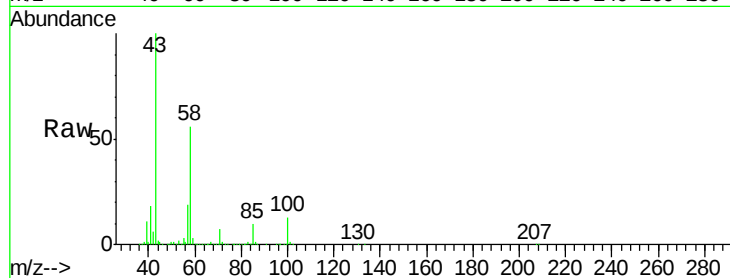
#59
2-Hexanone
Concen: 96.719 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.9	83.6

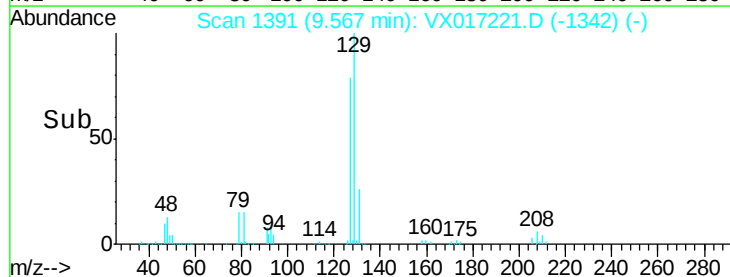
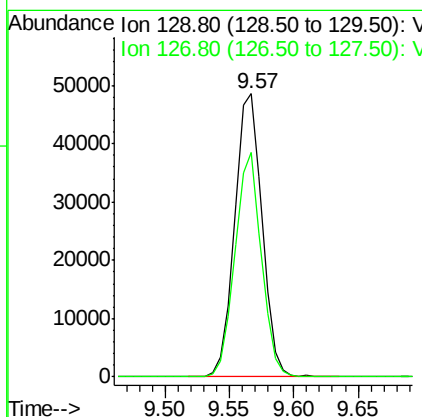
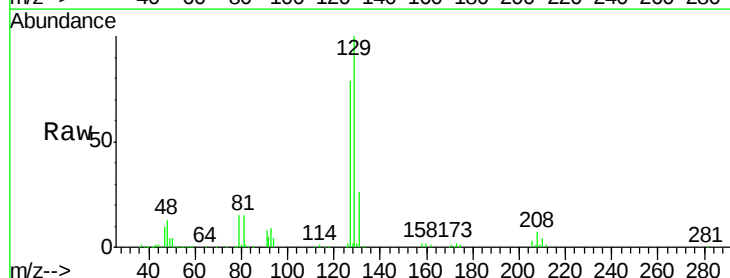
Manual Integrations
APPROVED

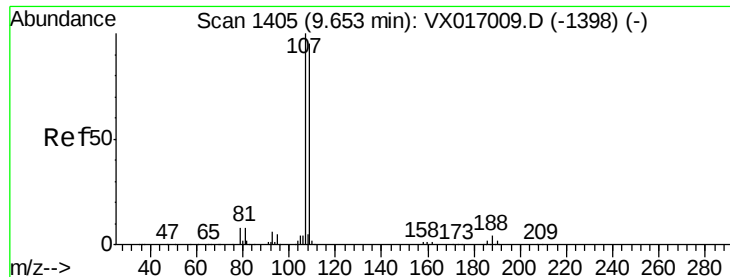
MMDadoda
7/8/2020 9:31:54 AM



#60
Dibromochloromethane
Concen: 19.944 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.268 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion:107 Resp: 64189

Ion Ratio Lower Upper

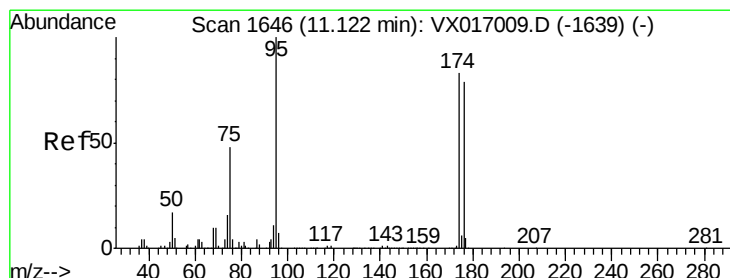
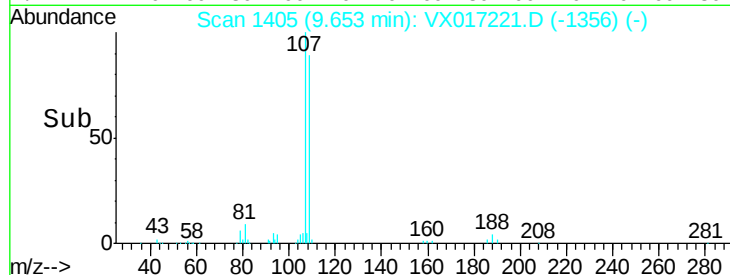
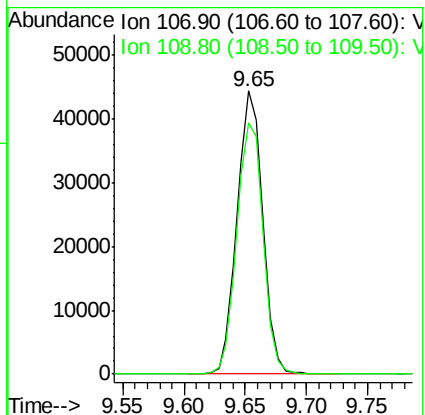
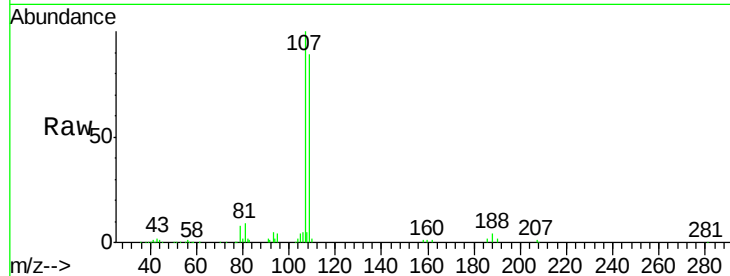
107 100

109 91.2 75.8 113.8

Manual Integrations
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7/8/2020 9:31:54 AM



#62

4-Bromofluorobenzene

Concen: 49.004 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

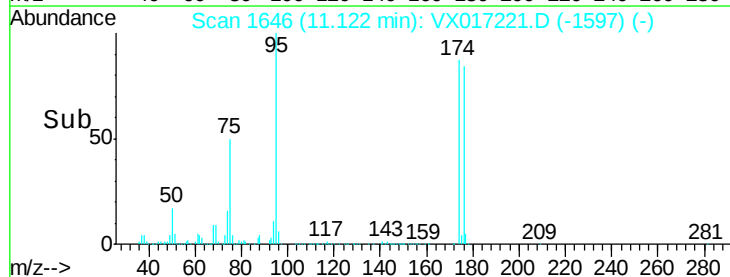
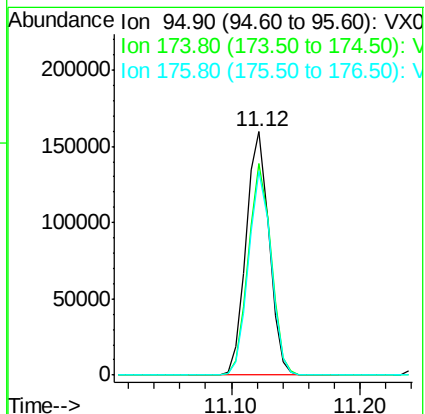
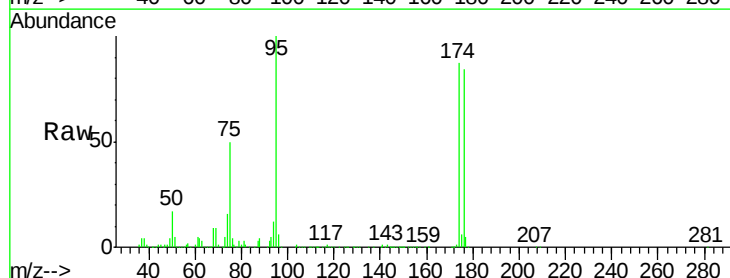
Tgt Ion: 95 Resp: 196054

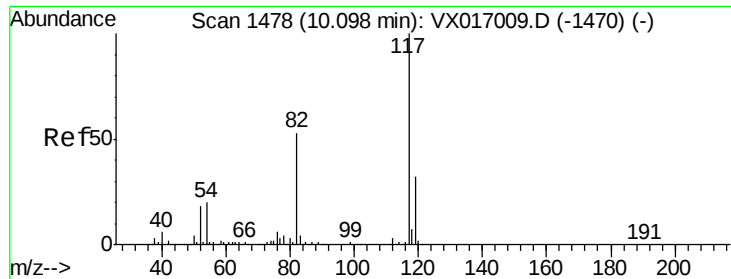
Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 82.2 0.0 157.6





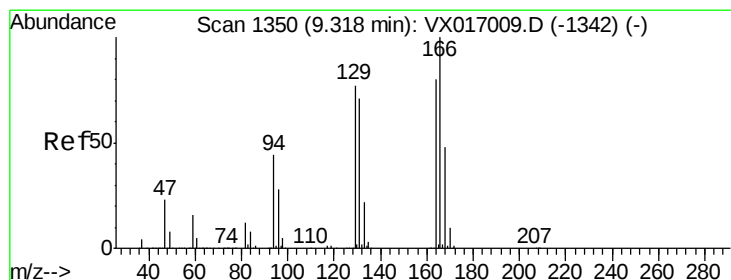
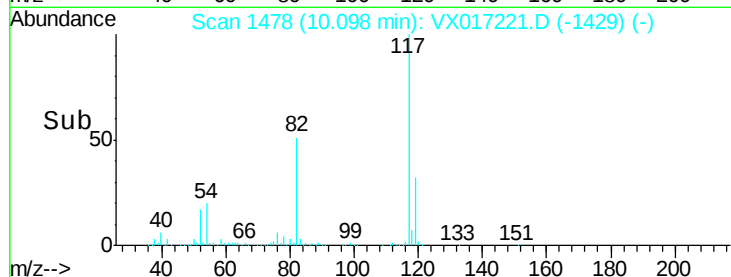
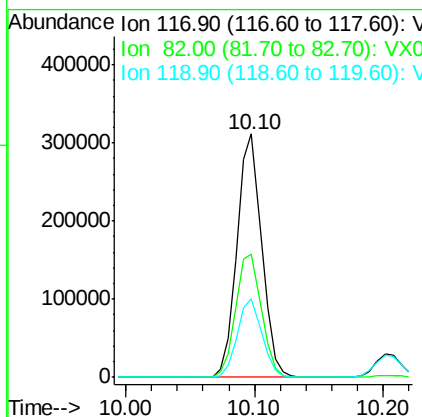
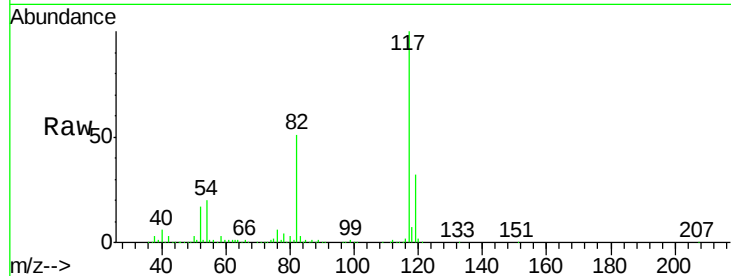
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415831		
82	50.8		42.6	63.8
119	32.1		25.4	38.2

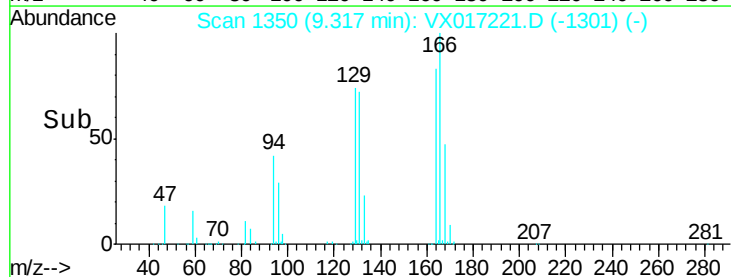
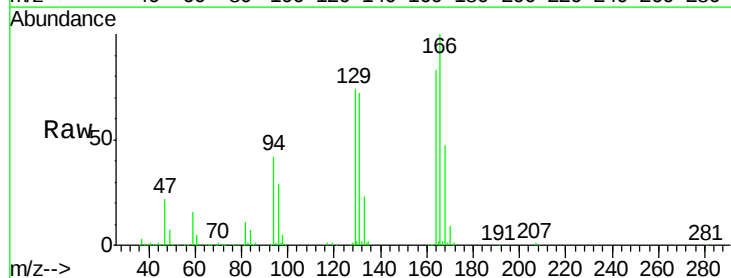
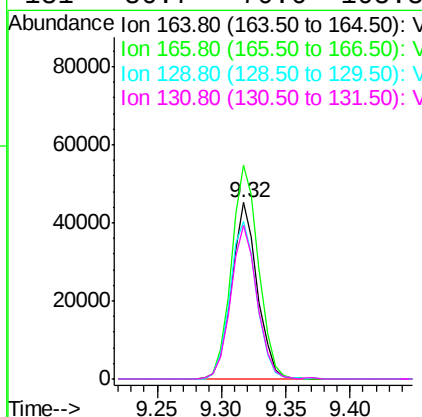
Manual Integrations
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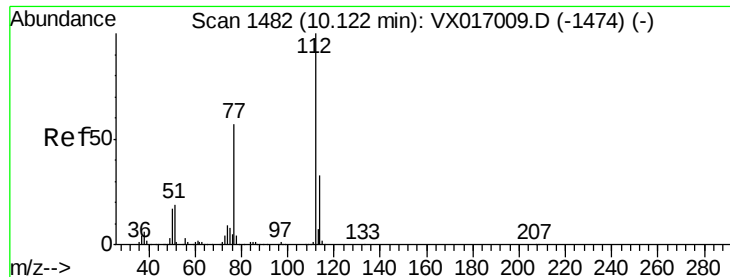
MMDadoda
7/8/2020 9:31:54 AM



#64
Tetrachloroethene
Concen: 18.692 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62731		
166	121.1		99.4	149.0
129	89.5		76.3	114.5
131	86.7		70.6	105.8





#65

Chlorobenzene

Concen: 18.195 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion:112 Resp: 156157

Ion Ratio Lower Upper

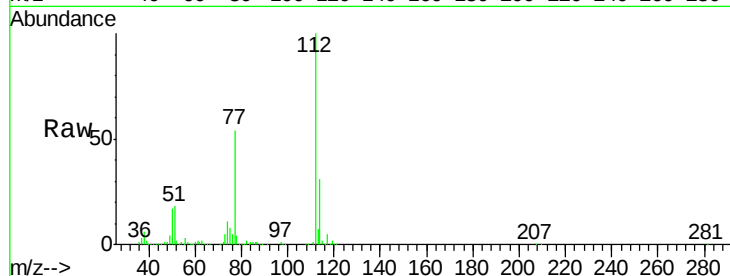
112 100

114 30.6 26.2 39.4

Manual Integrations
APPROVED

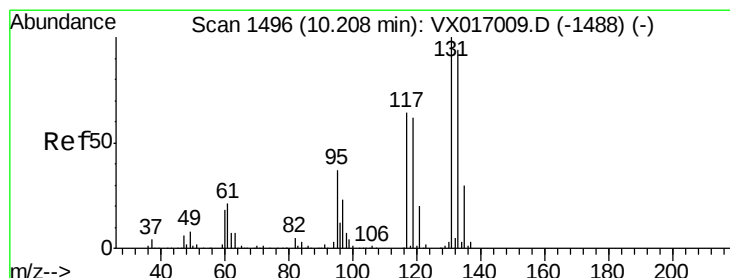
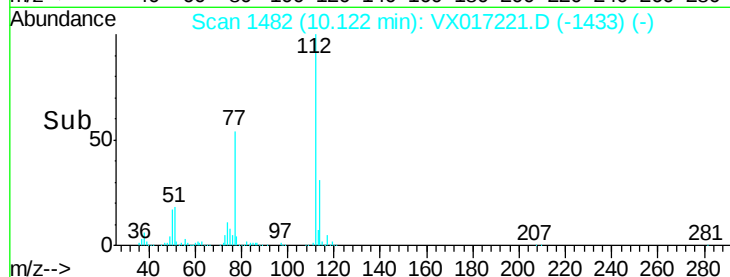
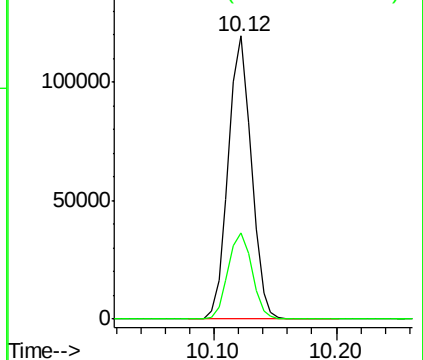
MMDadoda

7/8/2020 9:31:54 AM



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: 19.333 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

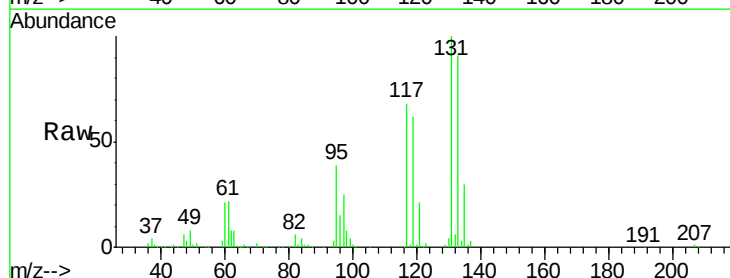
Tgt Ion:131 Resp: 63945

Ion Ratio Lower Upper

131 100

133 94.0 47.3 141.9

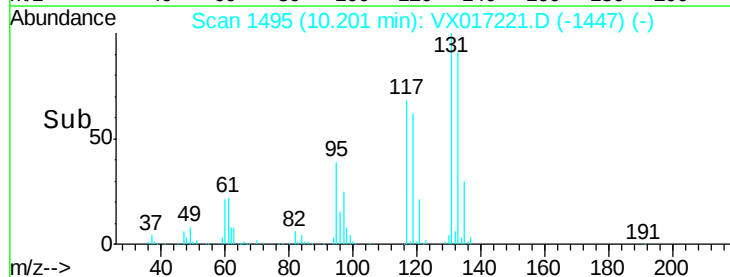
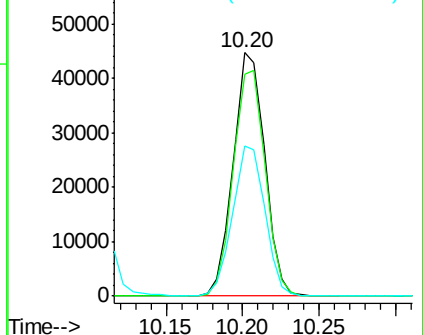
119 63.3 31.9 95.5

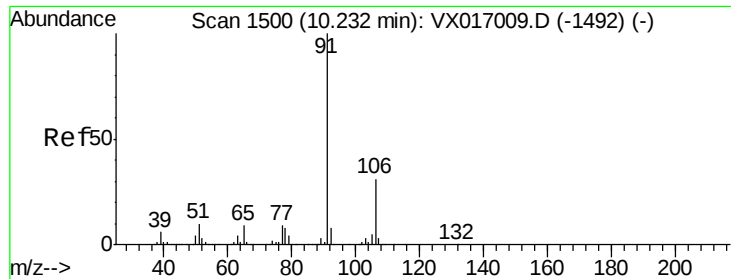


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





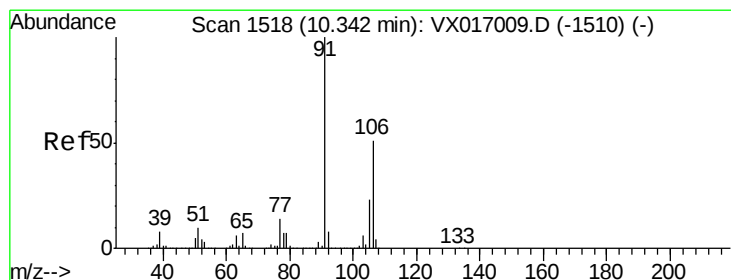
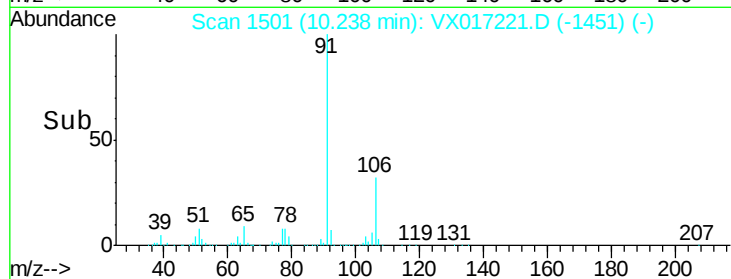
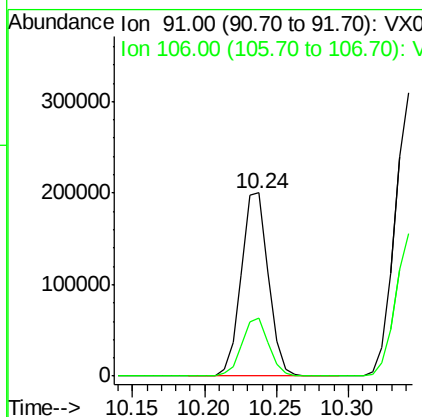
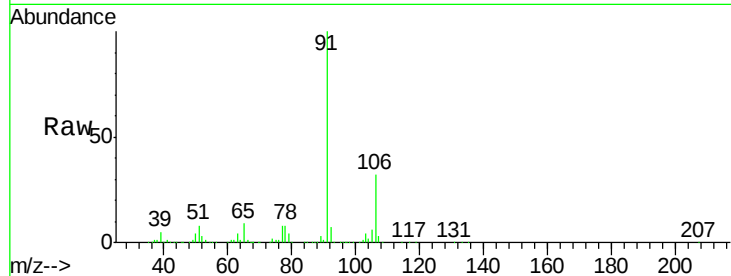
#67
Ethyl Benzene
Concen: 18.287 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion: 91 Resp: 262106
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

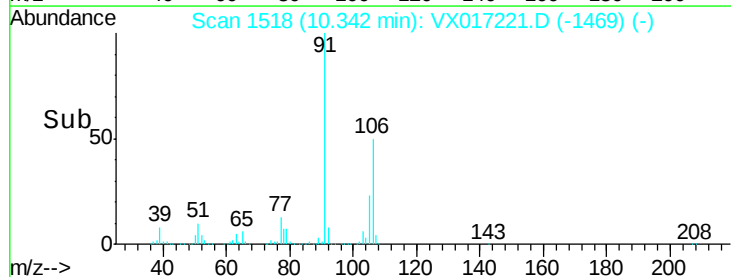
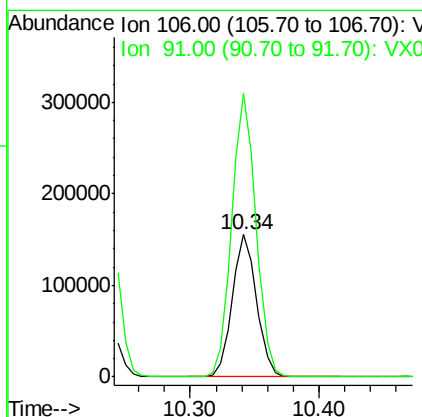
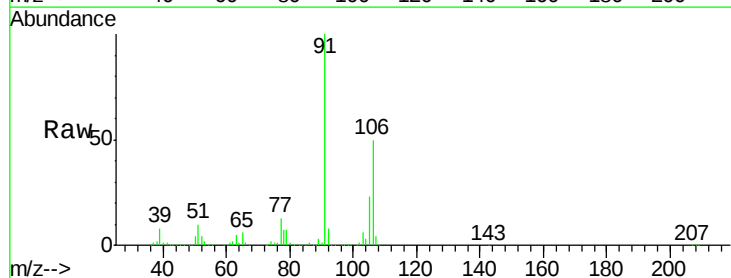
Manual Integrations
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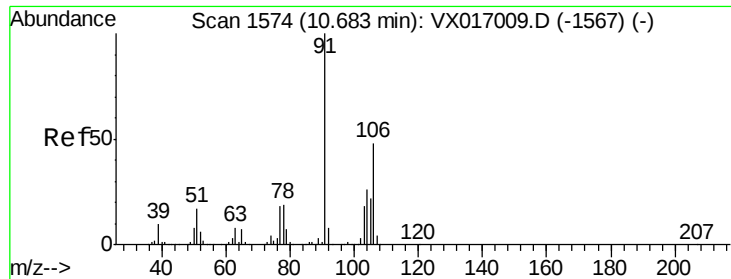
MMDadoda
7/8/2020 9:31:54 AM



#68
m/p-Xylenes
Concen: 37.271 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion: 106 Resp: 205118
Ion Ratio Lower Upper
106 100
91 199.0 158.6 238.0





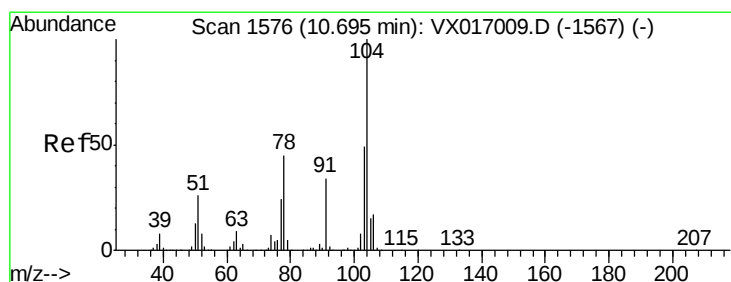
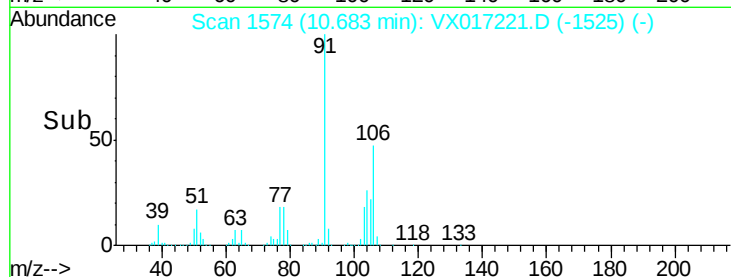
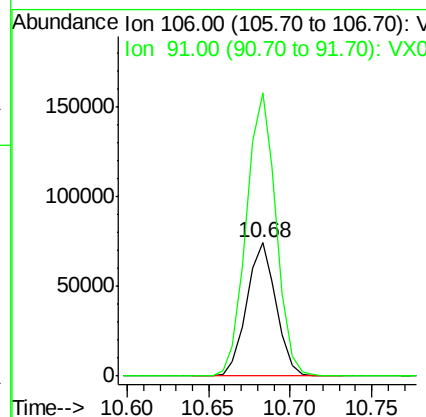
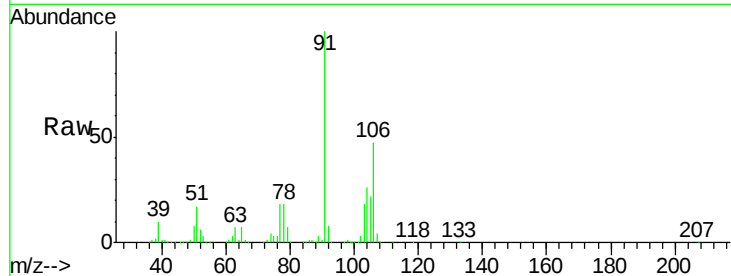
#69
o-Xylene
Concen: 17.888 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion:106 Resp: 93650
Ion Ratio Lower Upper
106 100
91 214.5 105.6 316.7

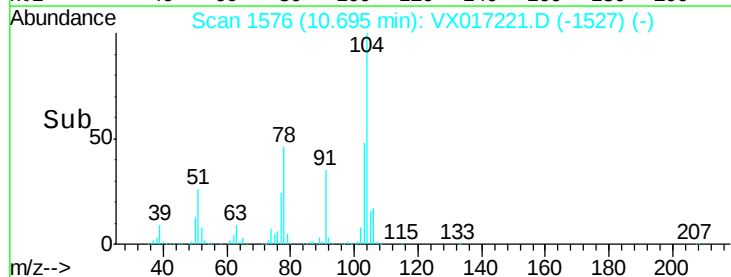
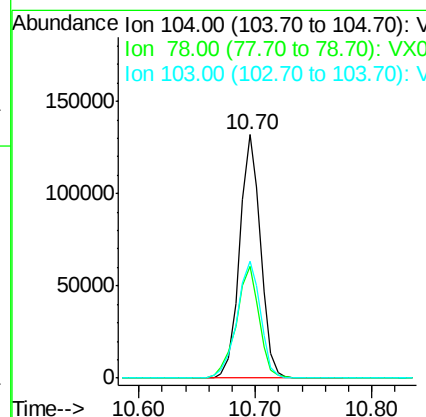
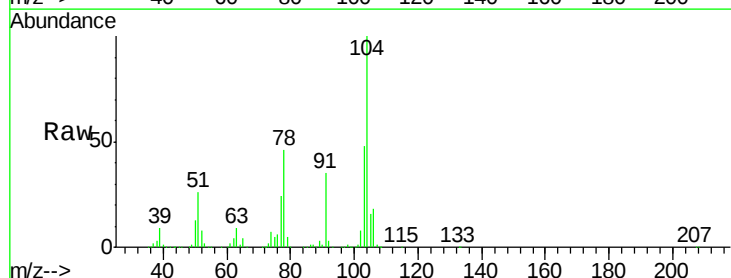
Manual Integrations
APPROVED

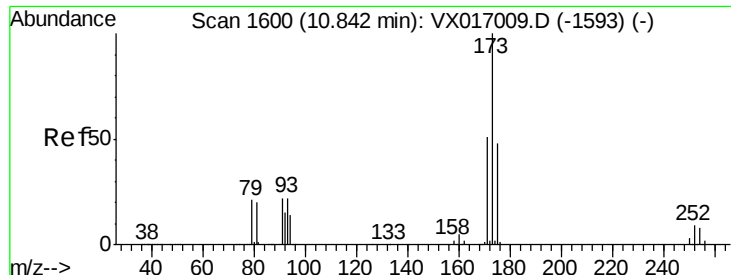
MMDadoda
7/8/2020 9:31:54 AM



#70
Styrene
Concen: 18.593 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion:104 Resp: 165760
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.2 43.0 64.6





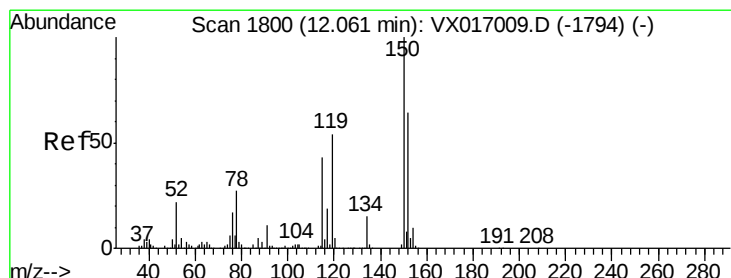
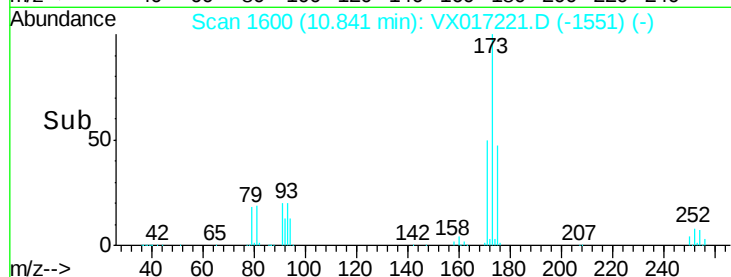
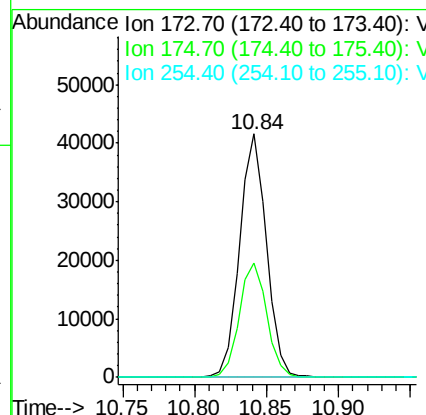
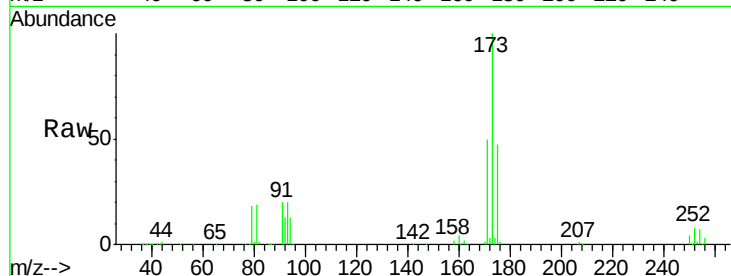
#71
Bromoform
Concen: 20.600 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.5	73.5
254	0.1	0.1	0.1

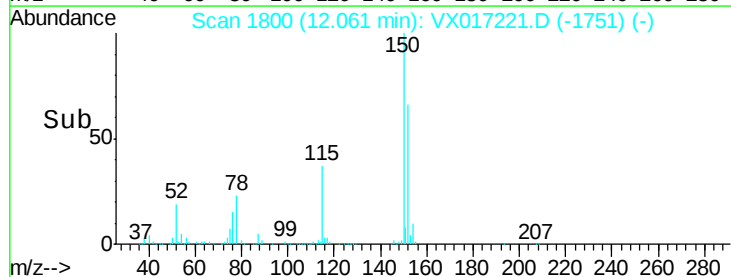
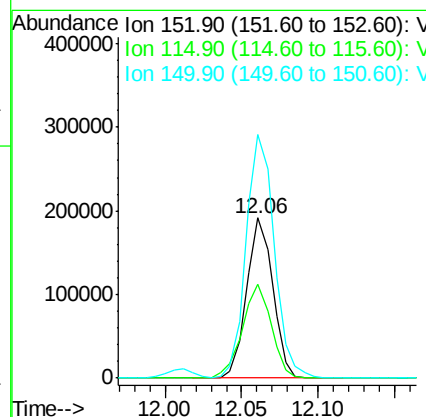
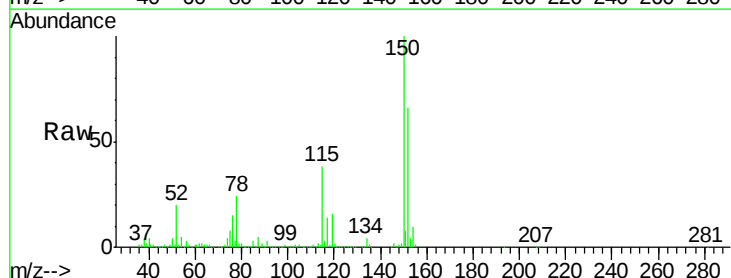
Manual Integrations
APPROVED

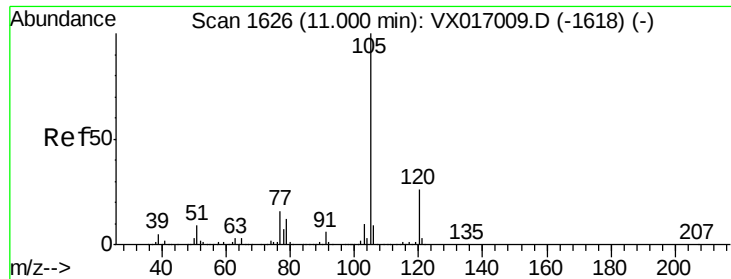
MMDadoda
7/8/2020 9:31:54 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	40.9	122.7
150	163.3	0.0	351.6





#73

Isopropylbenzene

Concen: 17.302 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 105 Resp: 257882

Ion Ratio Lower Upper

105 100

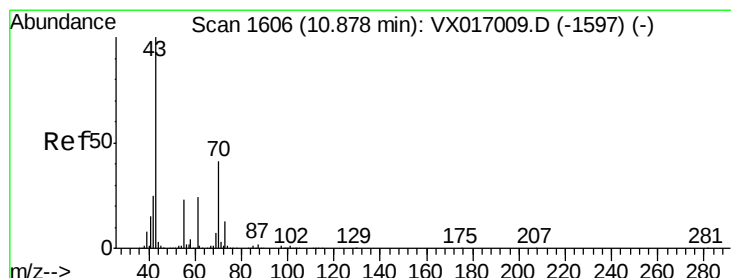
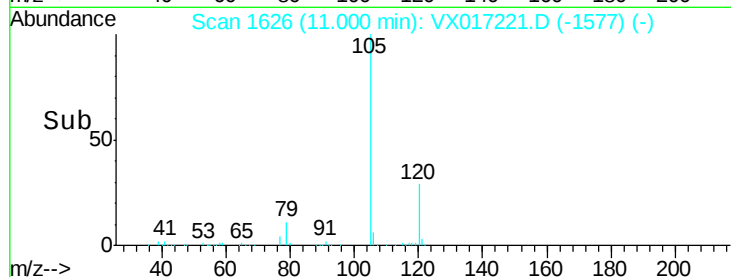
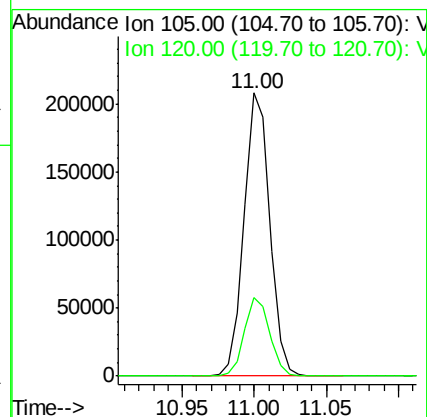
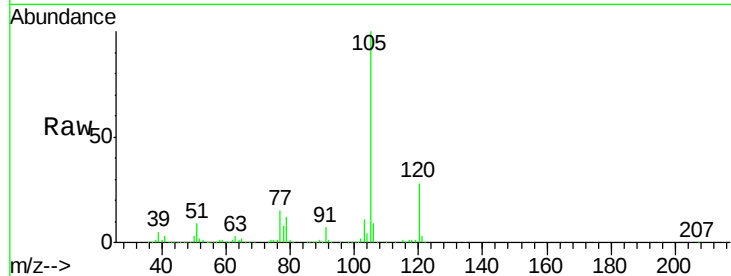
120 27.4 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 16.589 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion: 43 Resp: 105502

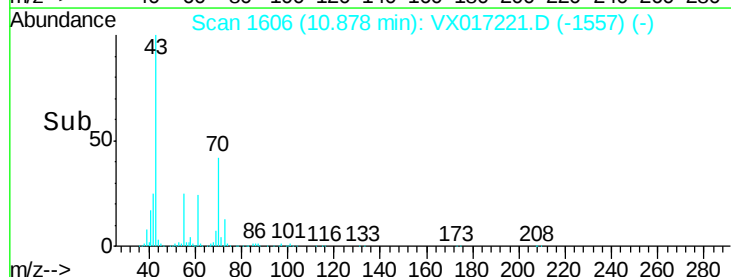
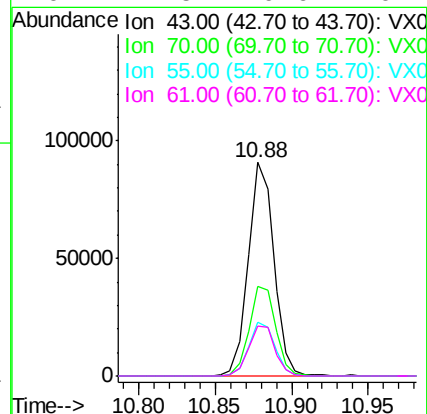
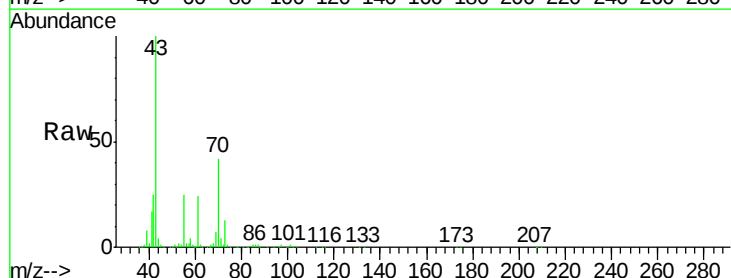
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 25.9 19.2 28.8

61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.722 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

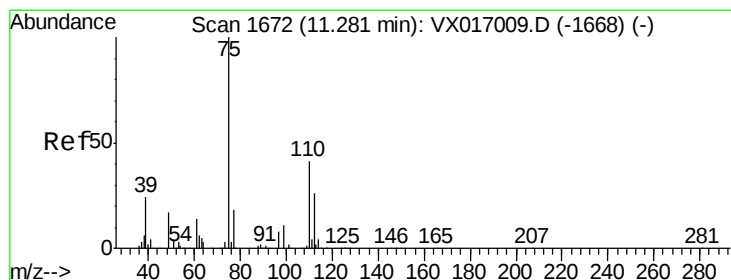
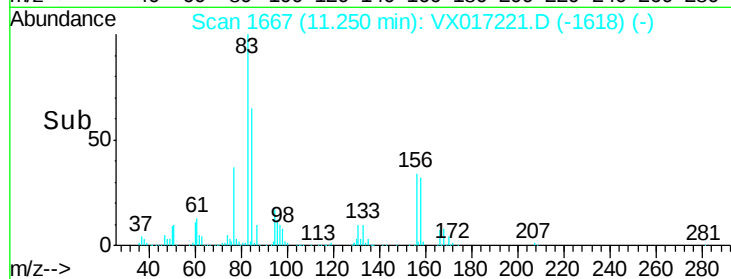
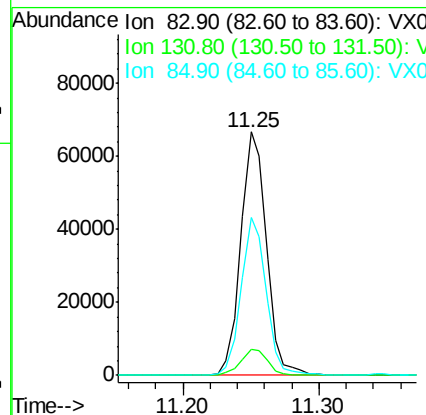
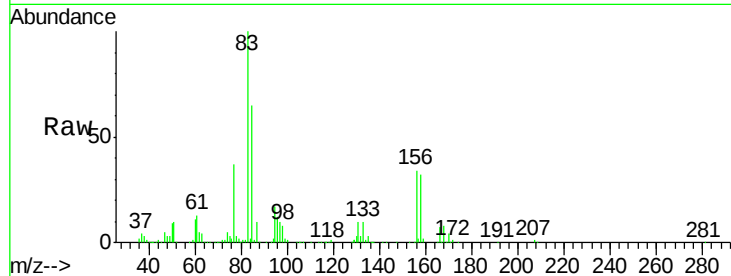
ClientSampleId :

VX0707WBS02

Tot Ion:	83	Resp:	87779
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	63.4	31.9	95.9

Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 18.252 ug/l m

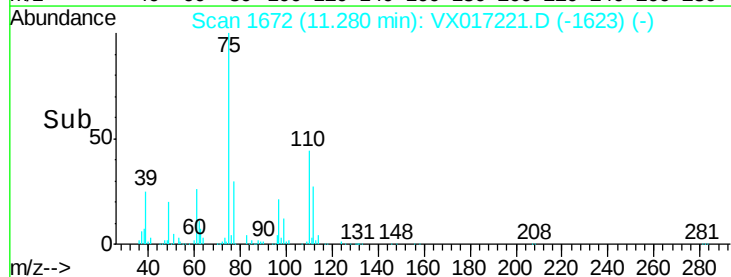
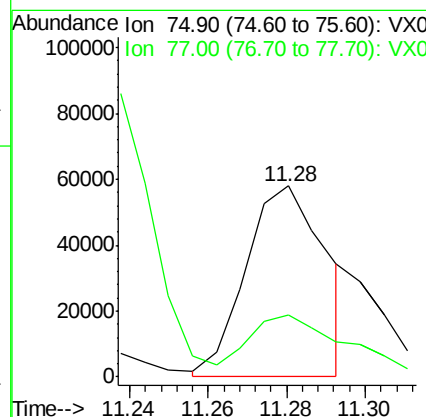
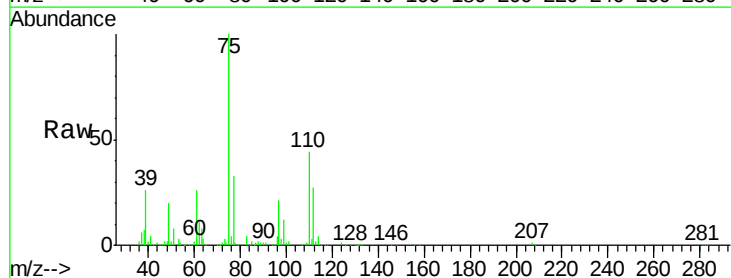
RT: 11.28 min Scan# 1672

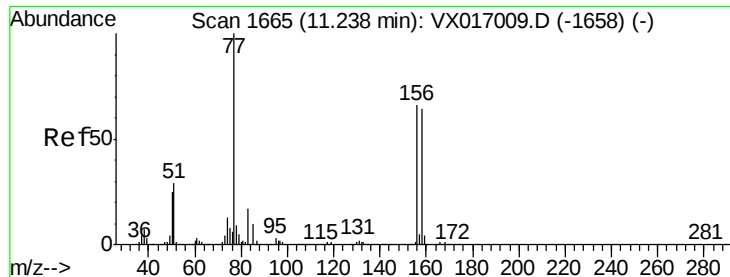
Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	75	Resp:	81673
Ion	Ratio	Lower	Upper
75	100		
77	39.9	20.2	60.6





#77

Bromobenzene

Concen: 17.913 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion:156 Resp: 73378

Ion Ratio Lower Upper

156 100

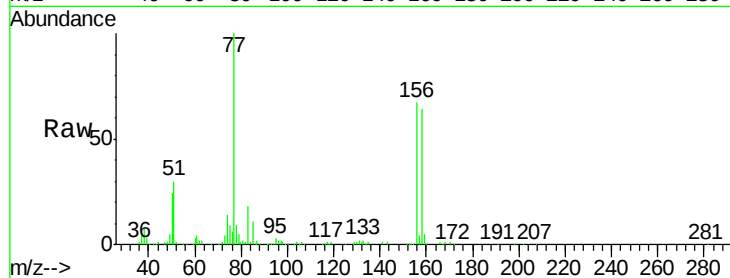
77 150.5 76.9 230.7

158 97.2 47.9 143.6

Manual Integrations
APPROVED

MMDadoda

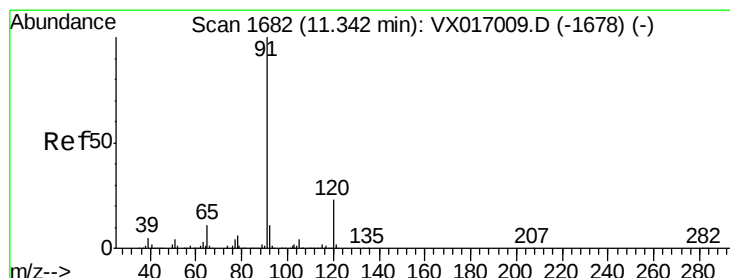
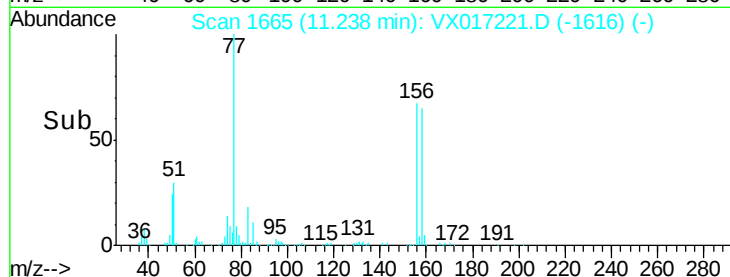
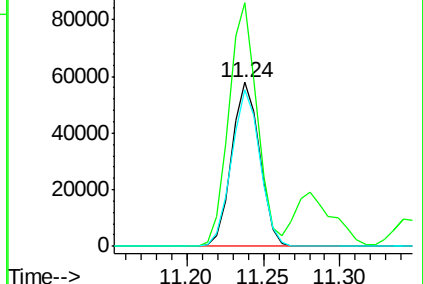
7/8/2020 9:31:54 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.150 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017221.D

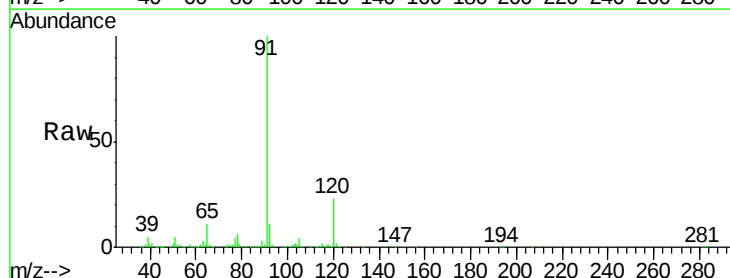
Acq: 07 Jul 2020 23:04

Tgt Ion: 91 Resp: 289070

Ion Ratio Lower Upper

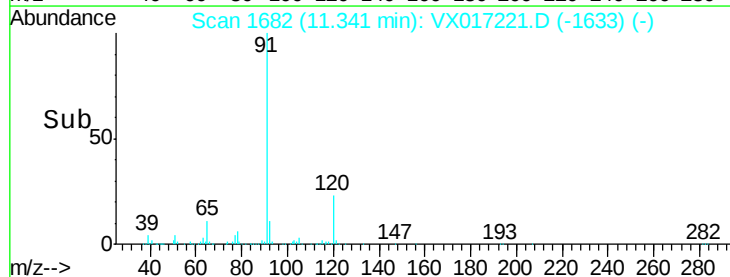
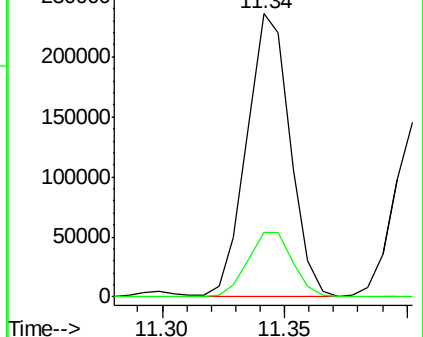
91 100

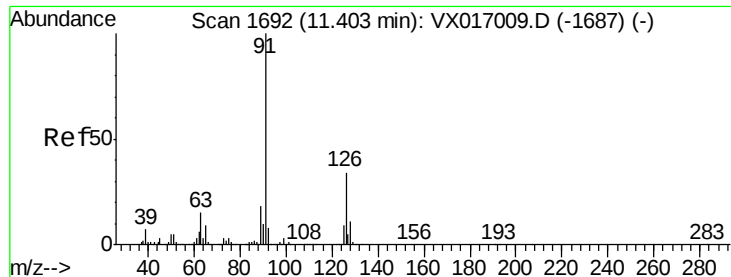
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.661 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampled :

VX0707WBS02

Tot Ion: 91 Resp: 180153

Ion Ratio Lower Upper

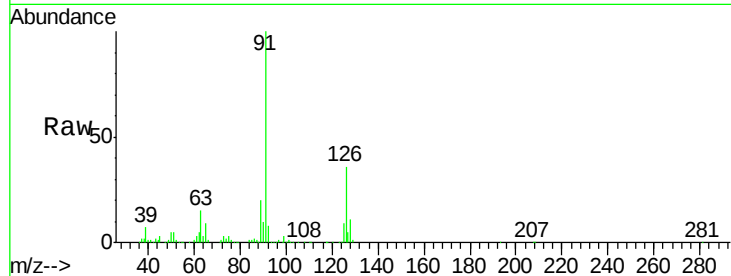
91 100

126 35.5 17.4 52.3

Manual Integrations
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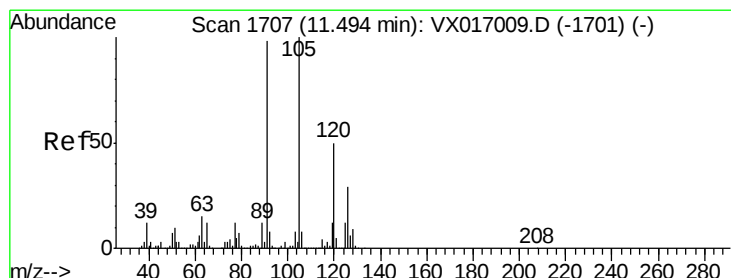
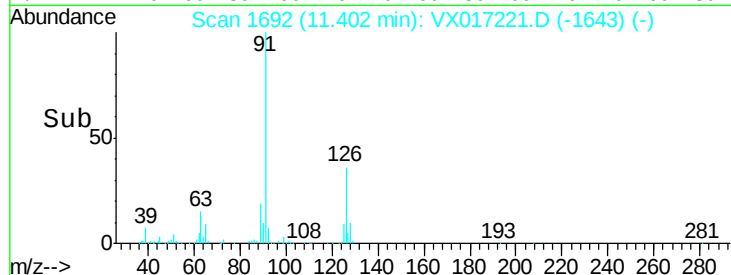
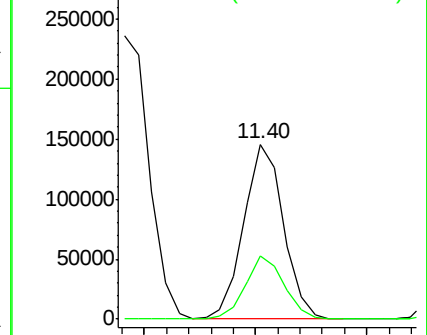
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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.815 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017221.D

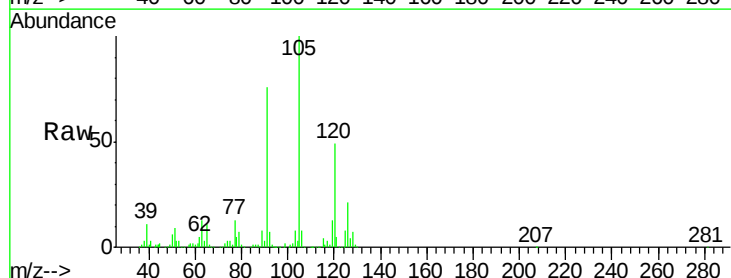
Acq: 07 Jul 2020 23:04

Tgt Ion: 105 Resp: 220252

Ion Ratio Lower Upper

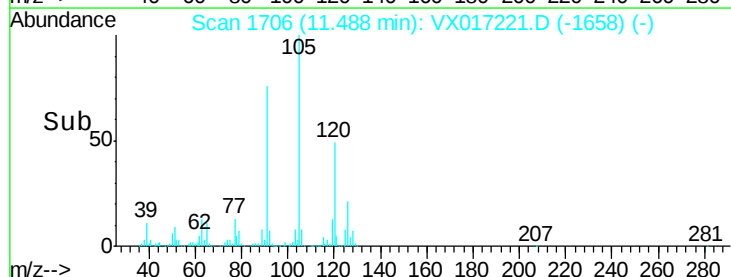
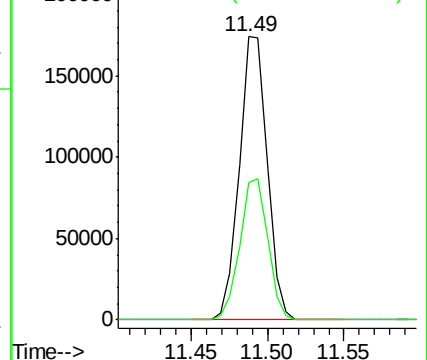
105 100

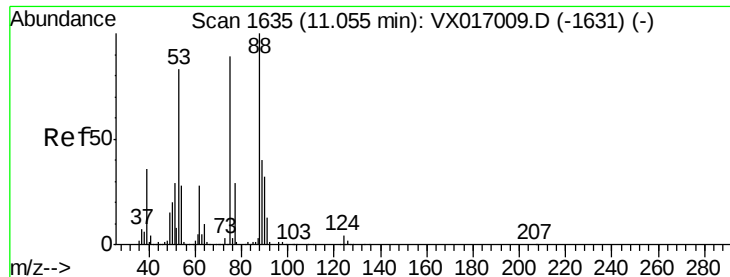
120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017009.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.412 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBS02

Tot Ion: 75 Resp: 26630

Ion Ratio Lower Upper

75 100

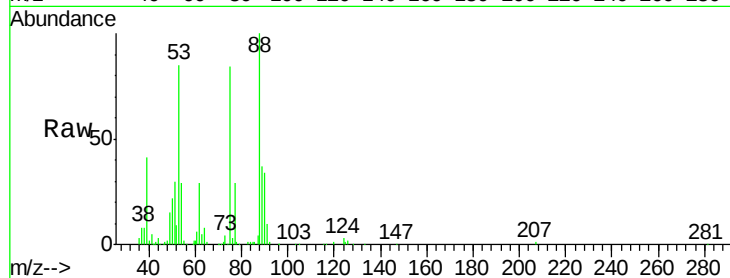
53 99.9 72.4 108.6

89 47.7 37.0 55.4

Manual Integrations
APPROVED

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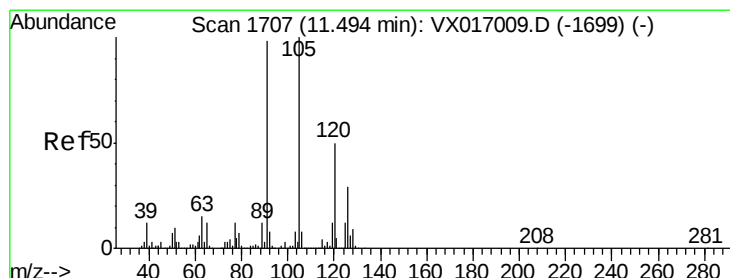
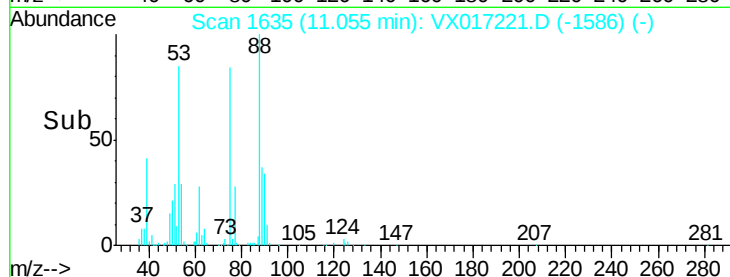
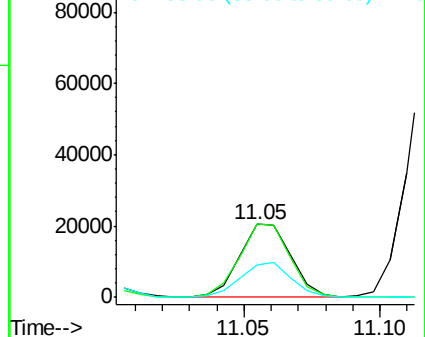
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.848 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017221.D

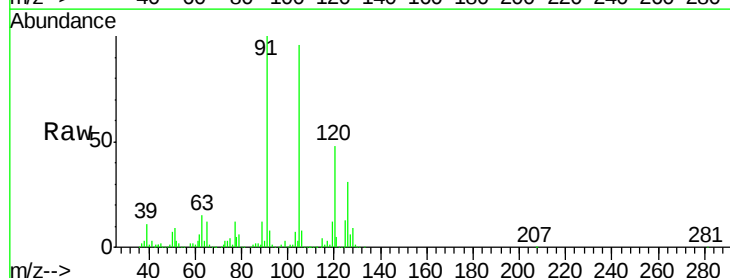
Acq: 07 Jul 2020 23:04

Tgt Ion: 91 Resp: 217648

Ion Ratio Lower Upper

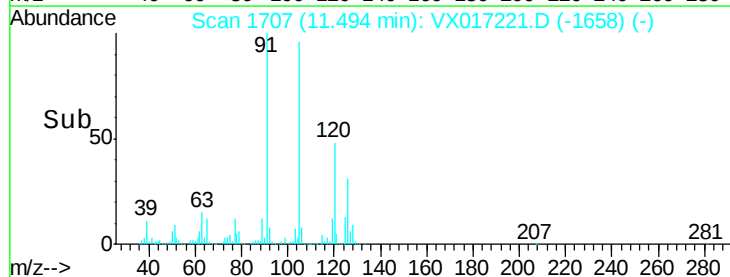
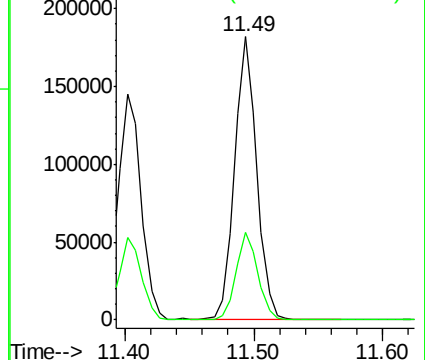
91 100

126 30.5 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





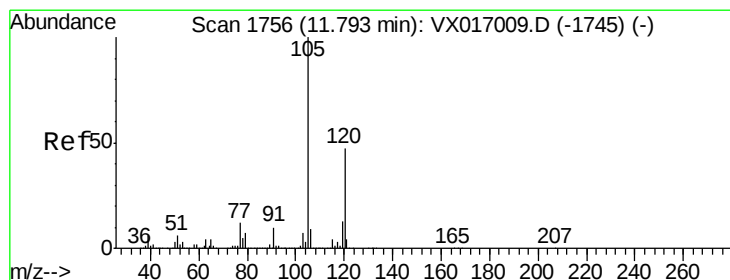
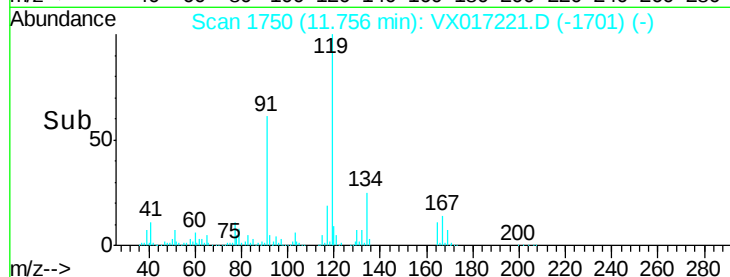
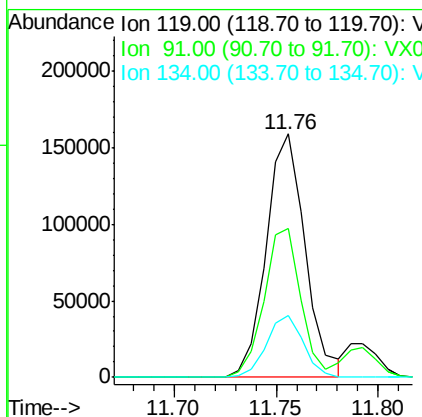
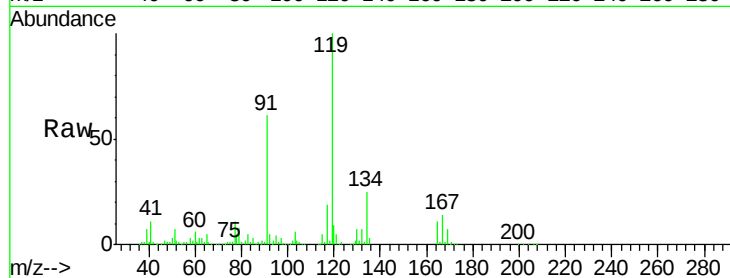
#83
tert-Butylbenzene
Concen: 17.419 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.3	84.9
134	24.1	11.7	35.1

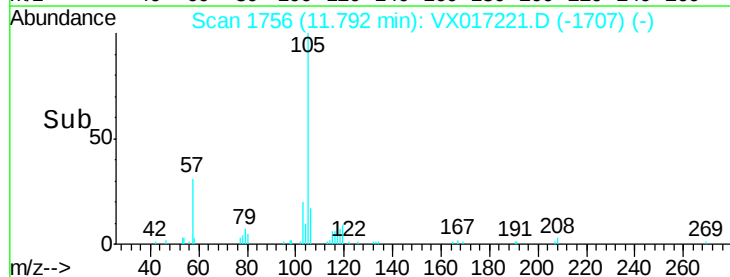
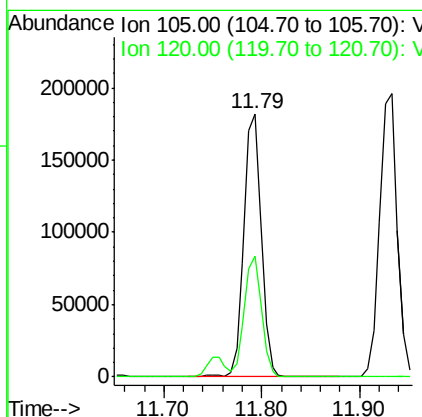
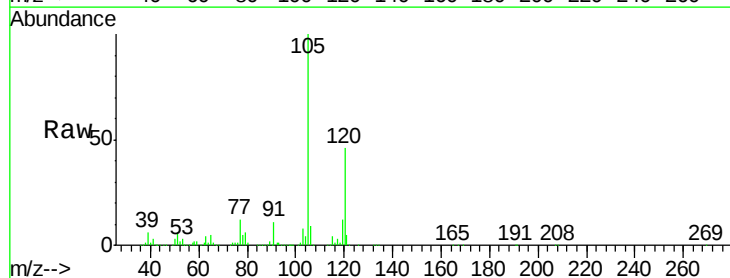
Manual Integrations
APPROVED

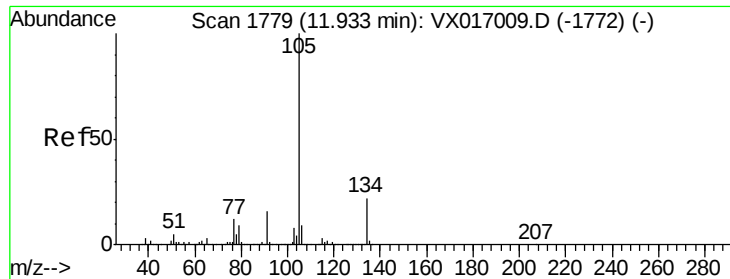
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.091 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.5





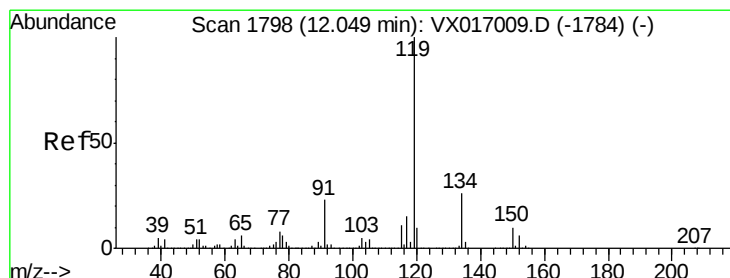
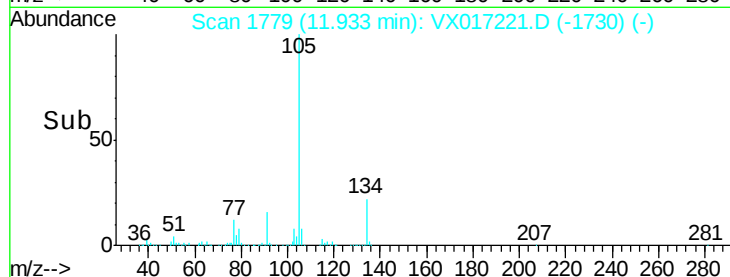
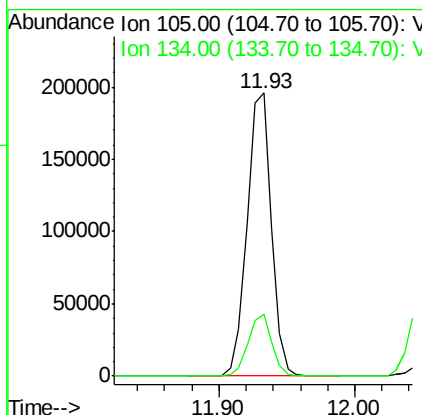
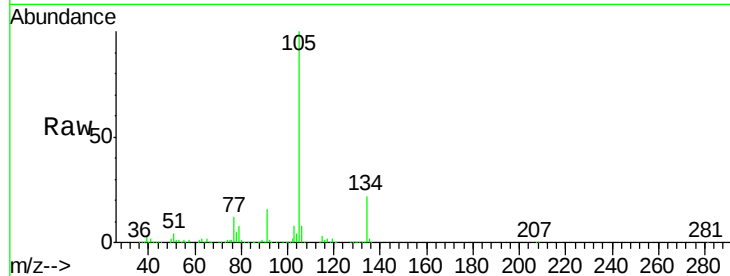
#85
 sec-Butylbenzene
 Concen: 17.138 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

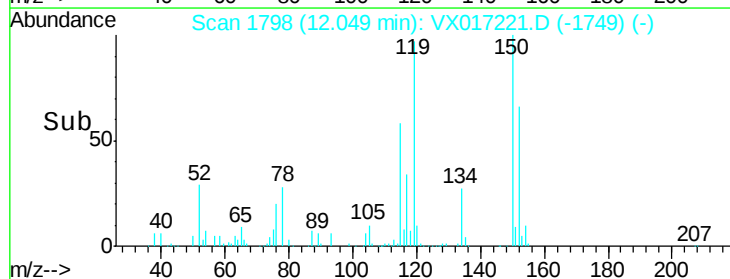
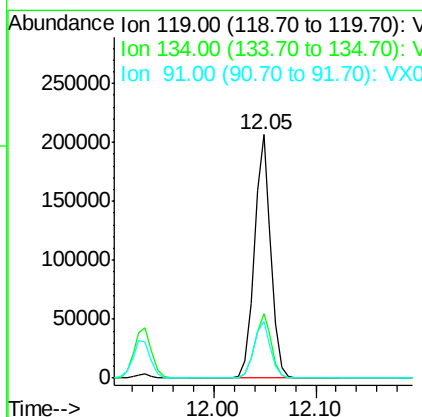
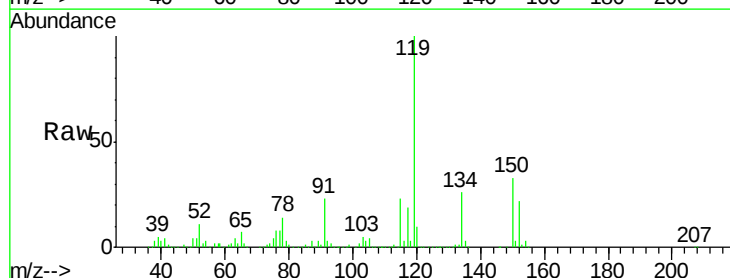
Manual Integrations
 APPROVED

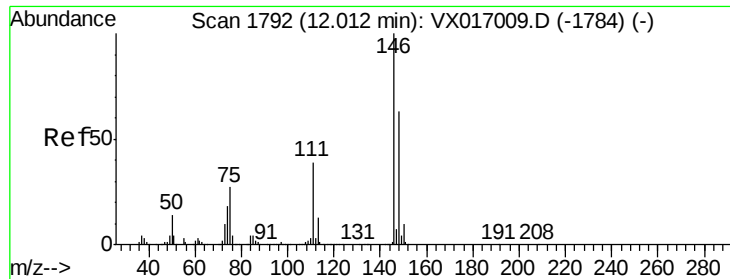
MMDadoda
 7/8/2020 9:31:54 AM



#86
 p-Isopropyltoluene
 Concen: 17.485 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.2	39.5
91	23.9	11.8	35.4





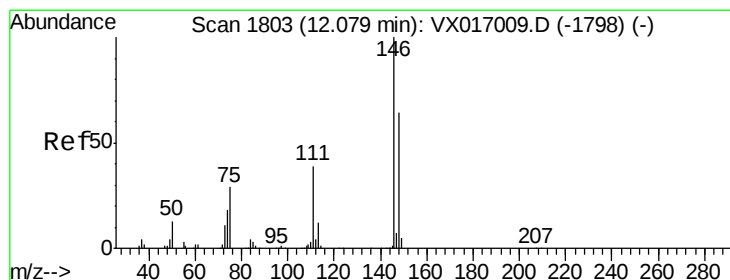
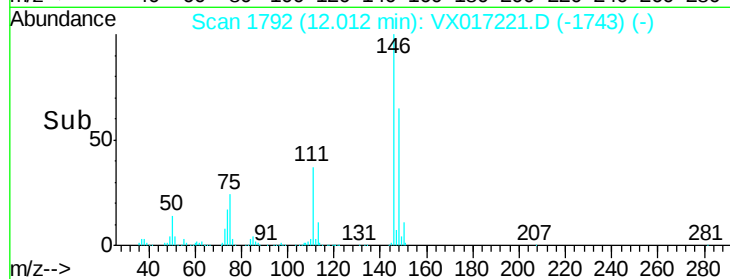
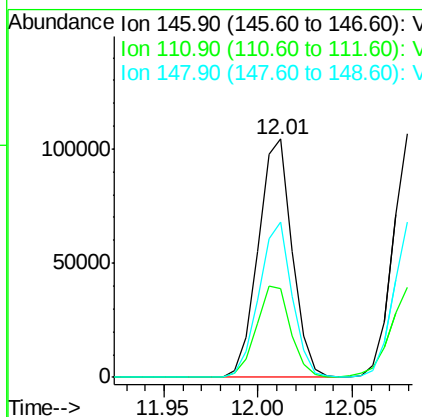
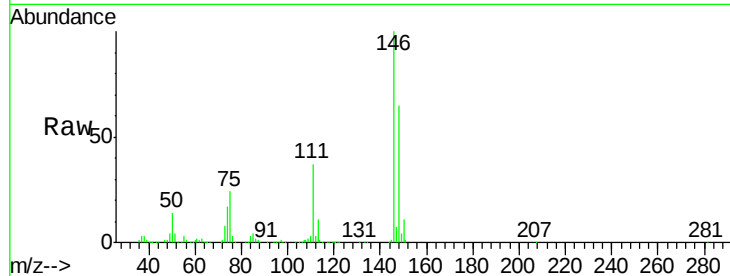
#87
 1,3-Dichlorobenzene
 Concen: 17.488 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.2
148	63.6	32.5	97.5

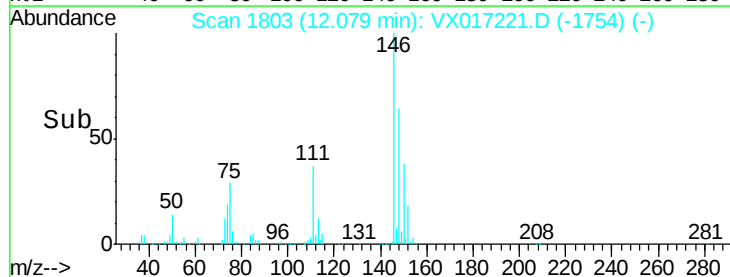
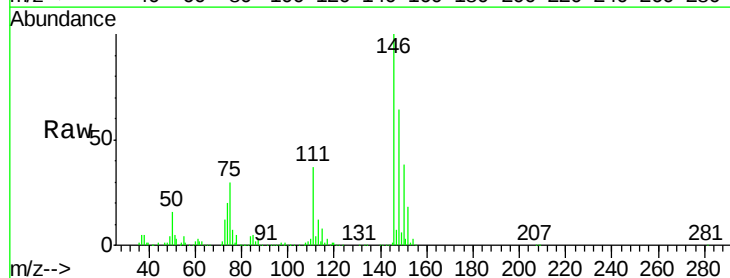
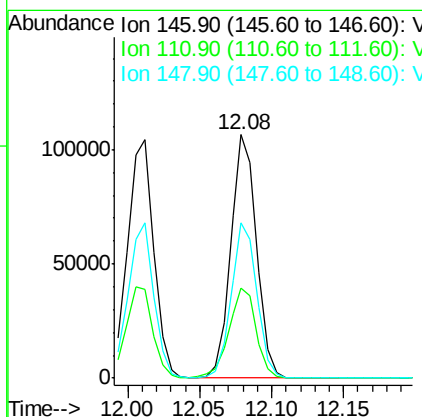
Manual Integrations
 APPROVED

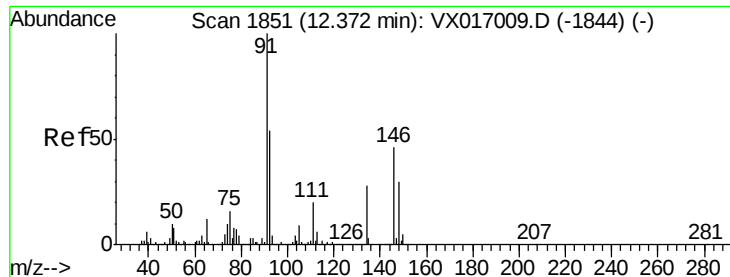
MMDadoda
 7/8/2020 9:31:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.887 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	63.9	31.9	95.7





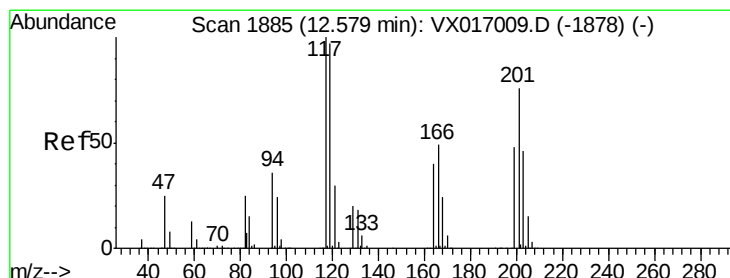
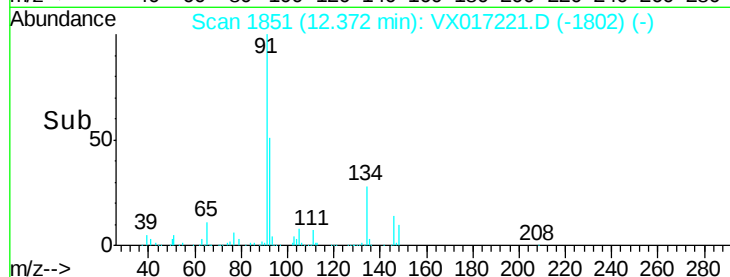
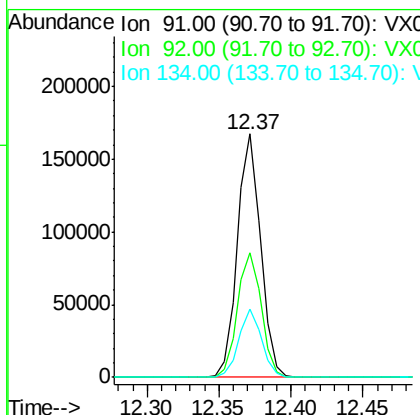
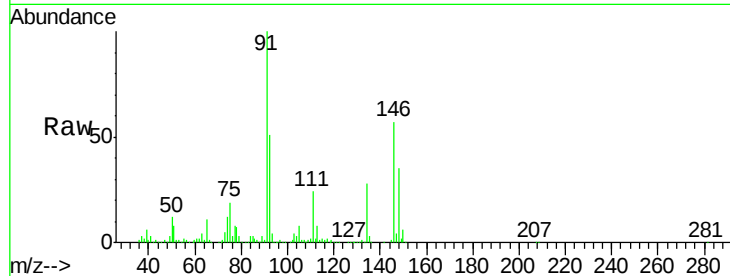
#89
n-Butylbenzene
Concen: 15.990 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.2	81.6
134	27.4	13.6	40.7

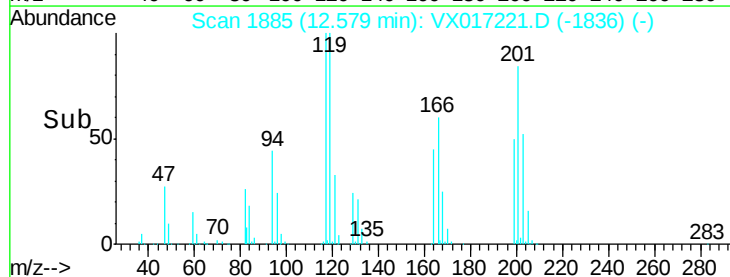
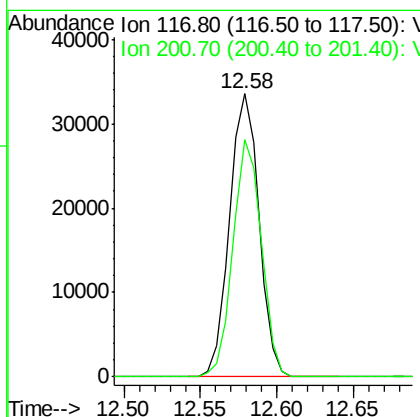
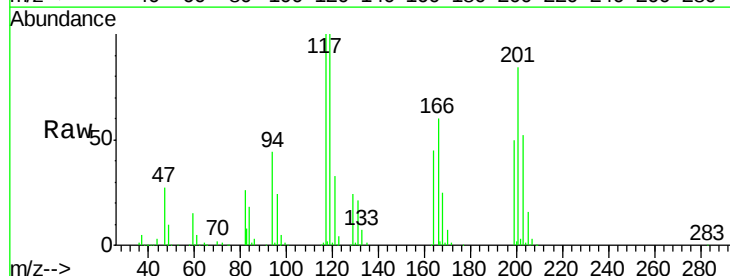
Manual Integrations
APPROVED

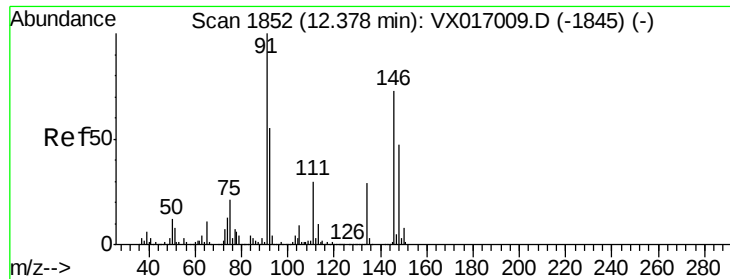
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#90
Hexachloroethane
Concen: 17.106 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017221.D
Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	39.4	118.2





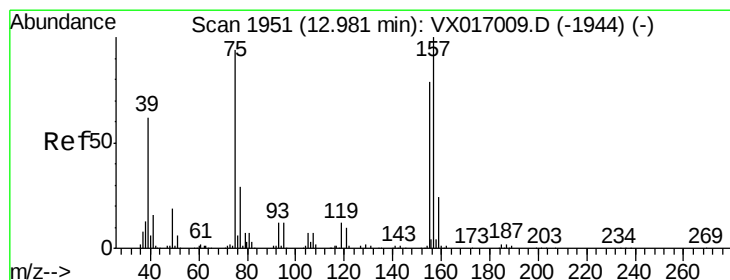
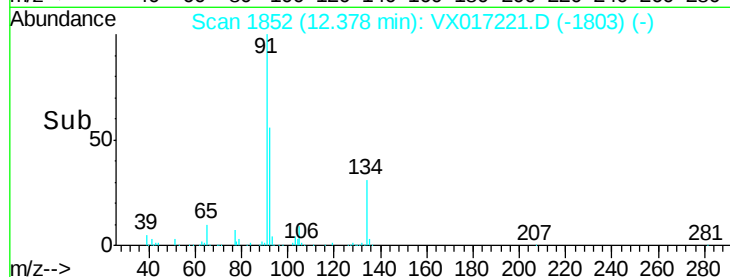
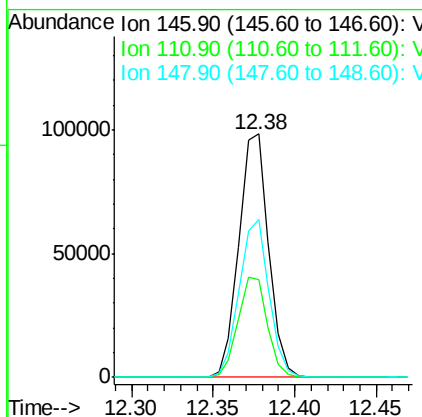
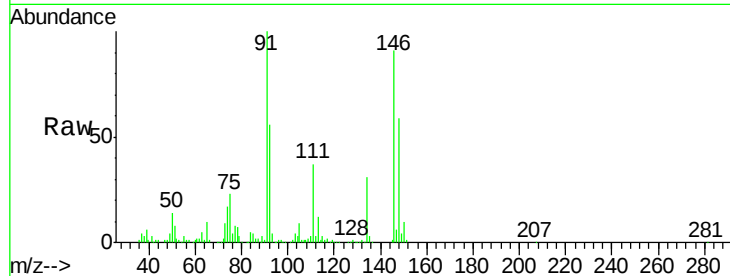
#91
 1,2-Dichlorobenzene
 Concen: 18.023 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0707WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	64.9	32.4	97.2

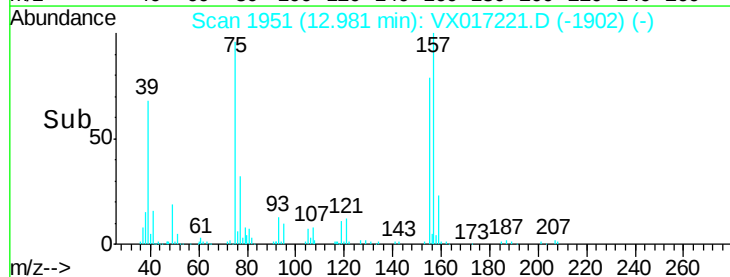
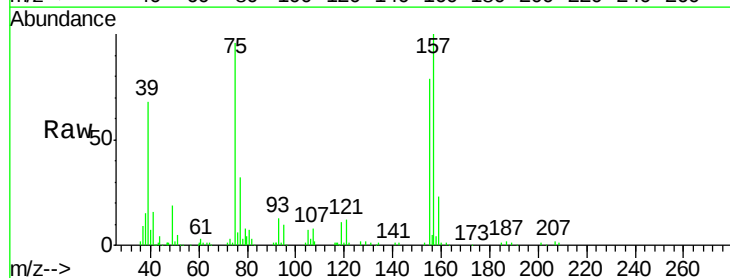
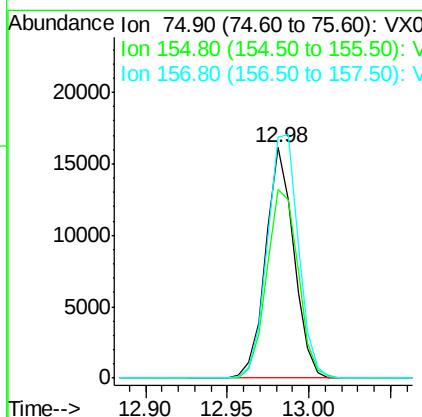
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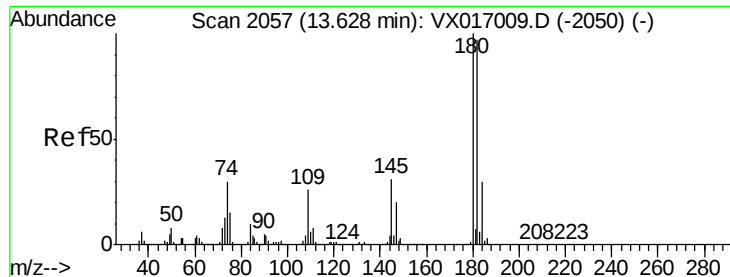
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.293 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	45.1	135.2
157	116.6	56.5	169.3





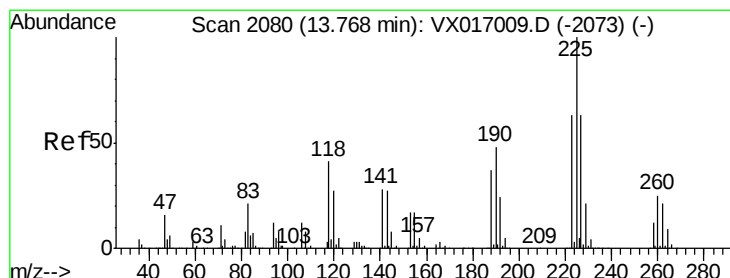
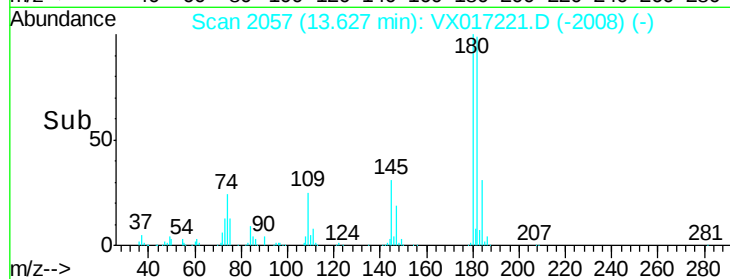
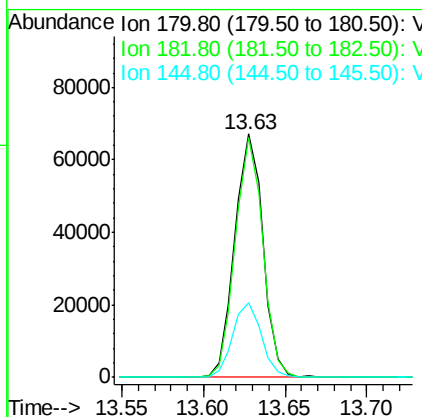
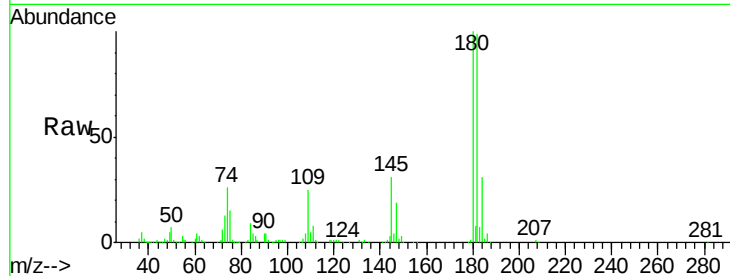
#93
 1,2,4-Trichlorobenzene
 Concen: 17.041 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.3	141.9	
145	31.2	15.4	46.2	

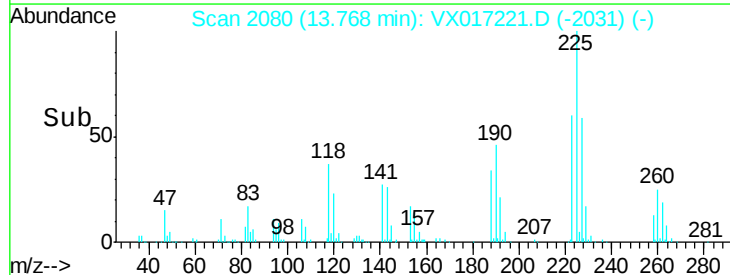
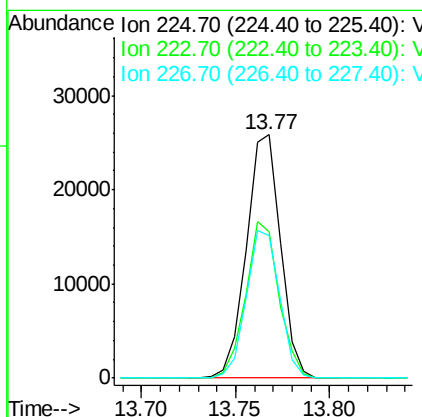
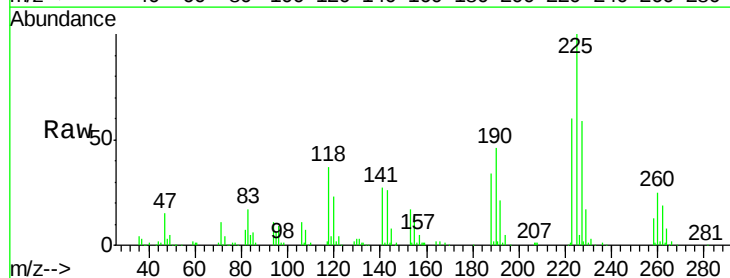
Manual Integrations
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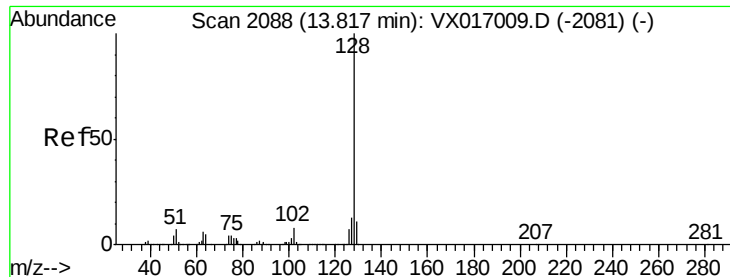
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 7/8/2020 9:31:54 AM



#94
 Hexachlorobutadiene
 Concen: 18.551 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017221.D
 Acq: 07 Jul 2020 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	32.5	97.5	
227	59.3	33.1	99.2	





#95

Naphthalene

Concen: 17.382 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Instrument :

MSVOA_X

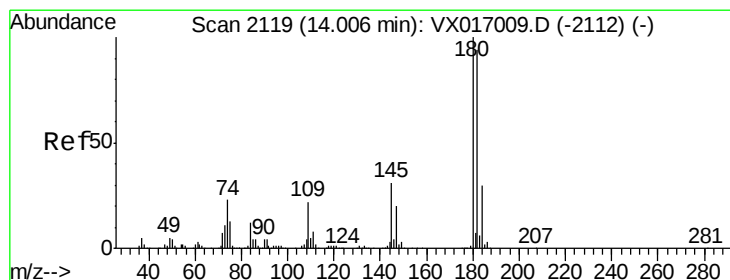
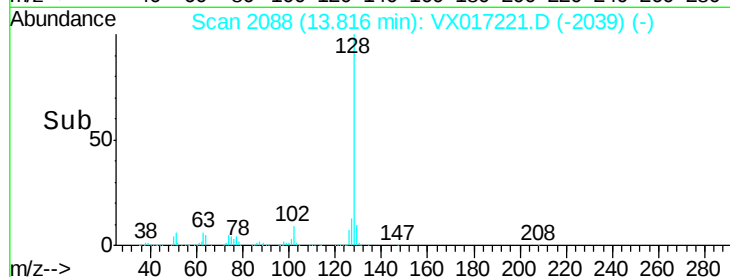
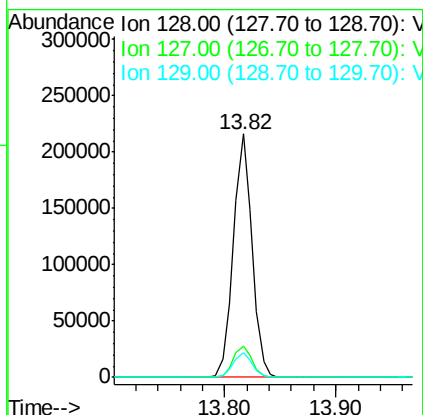
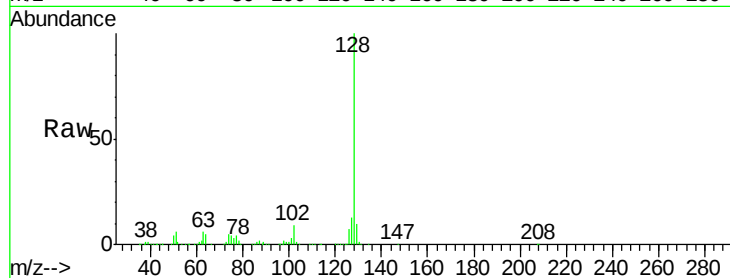
ClientSampleId :

VX0707WBS02

Tot Ion:	128	Resp:	250832
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
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7/8/2020 9:31:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.640 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017221.D

Acq: 07 Jul 2020 23:04

Tgt Ion:	180	Resp:	81035
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.1	141.4
145	32.2	16.6	49.7

