

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016601.D
 Acq On : 05 Jun 2020 11:22
 Operator : JC/SP
 Sample : VX0605WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Manual Integrations
 APPROVED

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 6/8/2020 4:55:41 PM

Quant Time: Jun 06 06:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	233391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	346826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	322228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	139929	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.46	113	110271	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.70	98	422850	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.12	95	157474	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41046	17.871	ug/l	100
3) Chloromethane	1.31	50	46168	16.633	ug/l	99
4) Vinyl Chloride	1.39	62	49750	16.949	ug/l	98
5) Bromomethane	1.62	94	32397	22.700	ug/l	97
6) Chloroethane	1.71	64	30896	18.044	ug/l	99
7) Trichlorofluoromethane	1.92	101	74039	19.207	ug/l	96
8) Diethyl Ether	2.17	74	29577	18.400	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	41448	19.536	ug/l	98
10) Methyl Iodide	2.49	142	39107	17.541	ug/l	99
11) Tert butyl alcohol	3.00	59	62518	84.115	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41019	18.265	ug/l	97
13) Acrolein	2.27	56	32378	102.408	ug/l	100
14) Allyl chloride	2.70	41	68097	16.488	ug/l	96
15) Acrylonitrile	3.11	53	132143	86.794	ug/l	99
16) Acetone	2.42	43	108621	85.538	ug/l	100
17) Carbon Disulfide	2.55	76	110338	16.545	ug/l	100
18) Methyl Acetate	2.75	43	58909	18.087	ug/l	96
19) Methyl tert-butyl Ether	3.16	73	150877	18.710	ug/l	97
20) Methylene Chloride	2.83	84	47175	17.956	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	44882	18.068	ug/l	92
22) Diisopropyl ether	3.82	45	135438	17.071	ug/l	90
23) Vinyl Acetate	3.78	43	591558	85.183	ug/l	98
24) 1,1-Dichloroethane	3.67	63	81232	18.140	ug/l	99
25) 2-Butanone	4.63	43	178171	82.804	ug/l	93
26) 2,2-Dichloropropane	4.54	77	73255	19.992	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	52251	18.183	ug/l	100
28) Bromochloromethane	4.98	49	36121	17.358	ug/l	88
29) Tetrahydrofuran	5.09	42	115257	82.912	ug/l	94
30) Chloroform	5.17	83	85040	18.847	ug/l	98
31) Cyclohexane	5.55	56	65097	16.159	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	78188	19.141	ug/l	98
36) 1,1-Dichloropropene	5.77	75	59283	18.053	ug/l	97
37) Ethyl Acetate	4.79	43	67761	17.187	ug/l	96
38) Carbon Tetrachloride	5.75	117	68820	19.943	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 VX0605WBSD01

Manual Integrations
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 6/8/2020 4:55:41 PM

Quant Time: Jun 06 06:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	67490	18.922	ug/l	96
40) Benzene	6.11	78	185303	18.949	ug/l	100
41) Methacrylonitrile	5.00	41	37296	17.223	ug/l	96
42) 1,2-Dichloroethane	6.16	62	68439	19.680	ug/l	100
43) Isopropyl Acetate	6.41	43	106105	17.254	ug/l	97
44) Trichloroethene	7.19	130	60001	19.339	ug/l	97
45) 1,2-Dichloropropane	7.49	63	46518	18.686	ug/l	99
46) Dibromomethane	7.63	93	32534	19.457	ug/l	98
47) Bromodichloromethane	7.87	83	68681	19.837	ug/l	98
48) Methyl methacrylate	7.74	41	51464	17.479	ug/l	96
49) 1,4-Dioxane	7.71	88	25626	371.896	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	346642	90.529	ug/l	98
52) Toluene	8.76	92	119927	19.448	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	75632	19.211	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	81038	19.447	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	48221	19.667	ug/l	97
56) Ethyl methacrylate	9.16	69	74247	18.594	ug/l	97
57) 1,3-Dichloropropane	9.35	76	81769	19.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	183834	88.202	ug/l	96
59) 2-Hexanone	9.47	43	263159	88.376	ug/l	98
60) Dibromochloromethane	9.56	129	56431	20.452	ug/l	98
61) 1,2-Dibromoethane	9.65	107	50990	19.421	ug/l	96
64) Tetrachloroethene	9.32	164	69856	19.377	ug/l	97
65) Chlorobenzene	10.12	112	128174	19.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	51509	20.540	ug/l	99
67) Ethyl Benzene	10.23	91	221884	18.971	ug/l	99
68) m/p-Xylenes	10.34	106	170814	39.389	ug/l	98
69) o-Xylene	10.68	106	80282	19.116	ug/l	98
70) Styrene	10.70	104	139338	19.302	ug/l	99
71) Bromoform	10.84	173	42527	20.066	ug/l #	98
73) Isopropylbenzene	11.00	105	215597	19.446	ug/l	98
74) N-amyl acetate	10.88	43	88021	17.260	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53922	19.406	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	70142m	19.943	ug/l	
77) Bromobenzene	11.24	156	57345	19.721	ug/l	95
78) n-propylbenzene	11.34	91	239937	19.371	ug/l	98
79) 2-Chlorotoluene	11.40	91	146848	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	184575	19.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25907	18.119	ug/l	98
82) 4-Chlorotoluene	11.49	91	172733	19.347	ug/l	99
83) tert-Butylbenzene	11.76	119	154808	19.571	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	184103	19.665	ug/l	99
85) sec-Butylbenzene	11.93	105	198991	20.054	ug/l	100
86) p-Isopropyltoluene	12.05	119	185434	19.950	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97451	19.344	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	102350	19.865	ug/l	98
89) n-Butylbenzene	12.37	91	152135	19.650	ug/l	98
90) Hexachloroethane	12.58	117	31901	19.870	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	96233	19.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16515	18.350	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

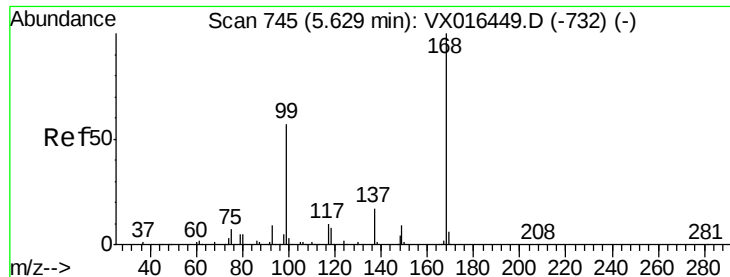
Manual Integrations
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6/8/2020 4:55:41 PM

Quant Time: Jun 06 06:13:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	67621	20.861	ug/l	97
94) Hexachlorobutadiene	13.77	225	32168	25.275	ug/l	95
95) Naphthalene	13.82	128	211953	19.073	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	66757	21.021	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:168 Resp: 233391

Ion Ratio Lower Upper

168 100

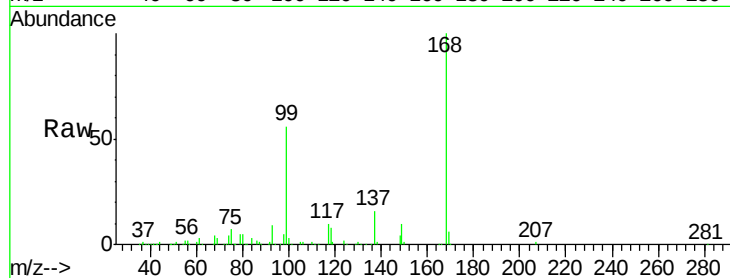
99 55.9 45.2 67.8

Manual Integrations

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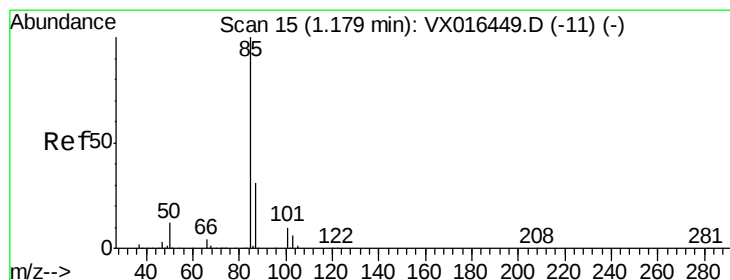
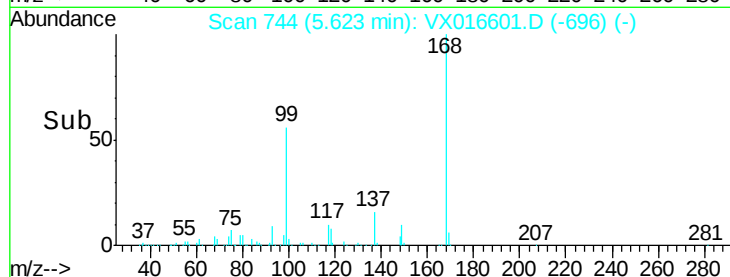
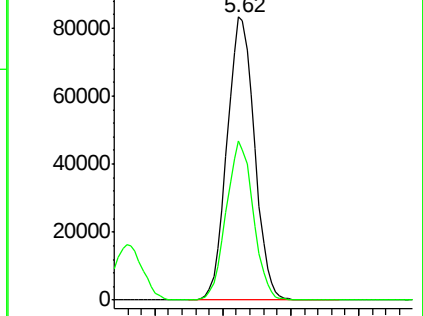
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.871 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016601.D

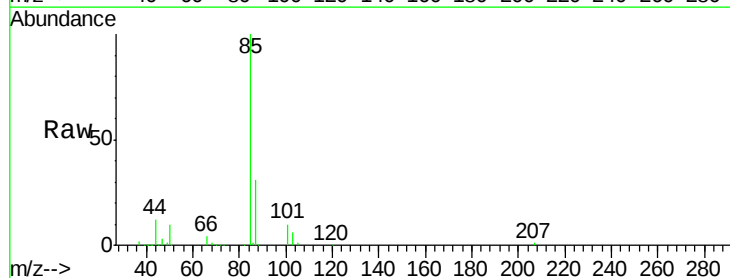
Acq: 05 Jun 2020 11:22

Tgt Ion: 85 Resp: 41046

Ion Ratio Lower Upper

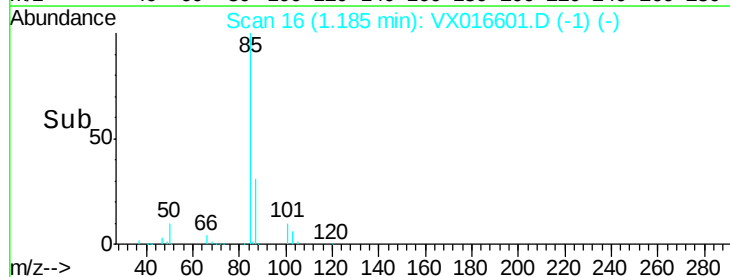
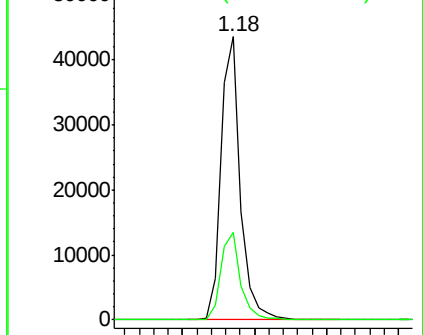
85 100

87 30.9 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.633 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 50 Resp: 46168

Ion Ratio Lower Upper

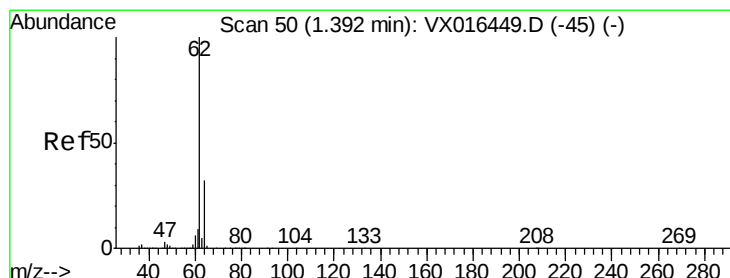
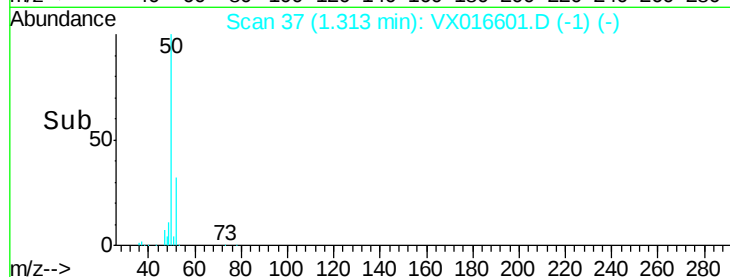
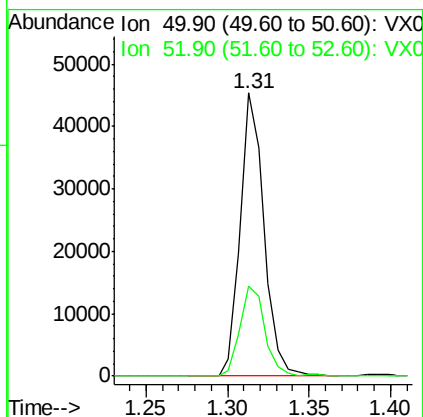
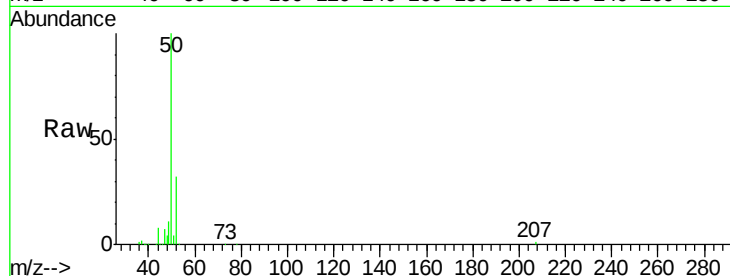
50 100

52 32.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.949 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016601.D

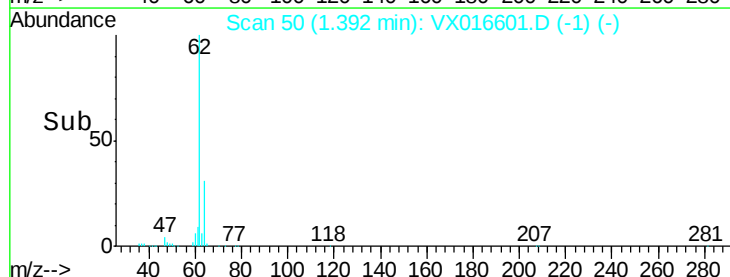
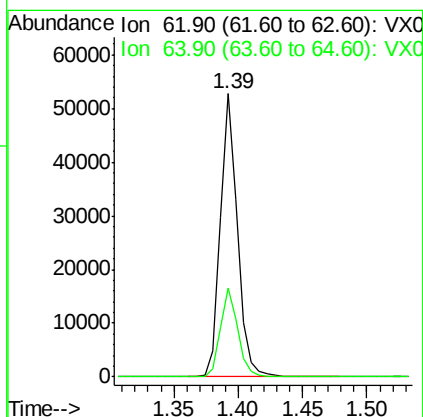
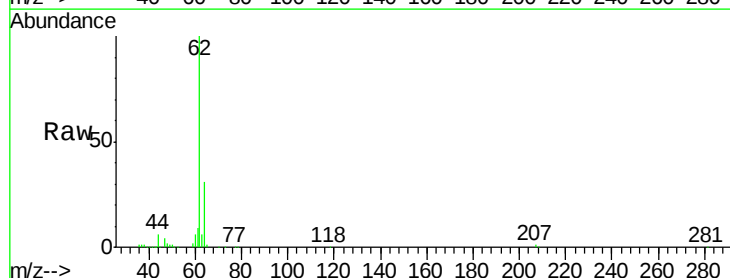
Acq: 05 Jun 2020 11:22

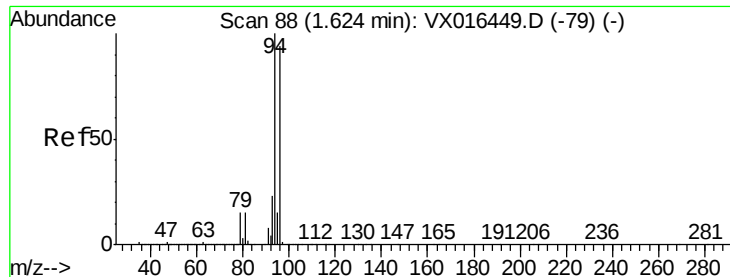
Tgt Ion: 62 Resp: 49750

Ion Ratio Lower Upper

62 100

64 31.4 25.9 38.9





#5

Bromomethane

Concen: 22.700 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 94 Resp: 32397

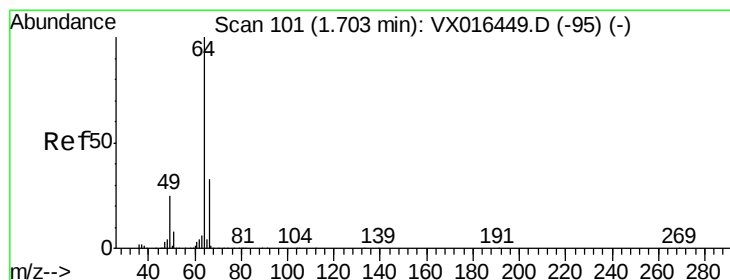
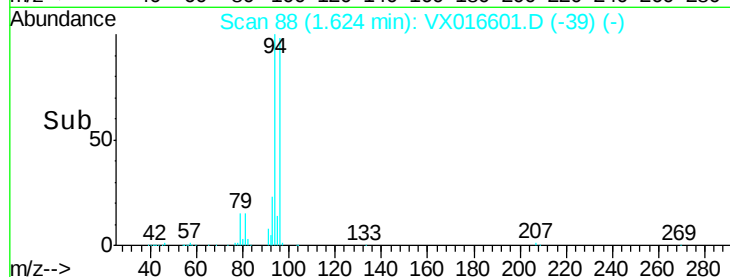
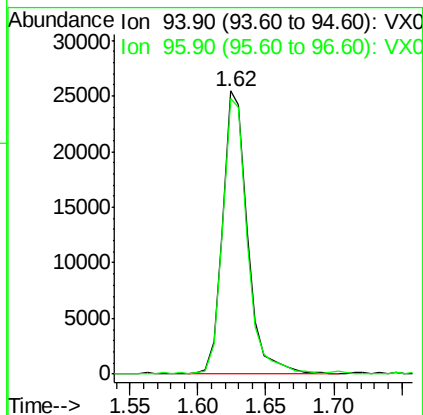
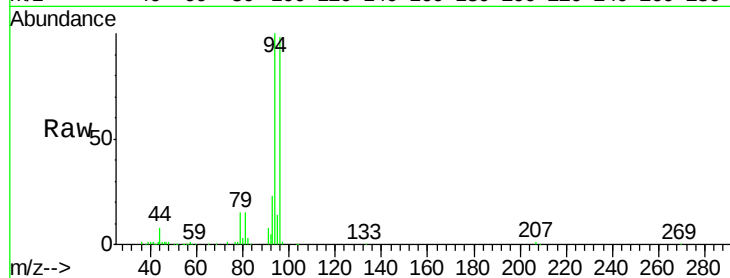
Ion Ratio Lower Upper

94 100

96 97.2 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 18.044 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016601.D

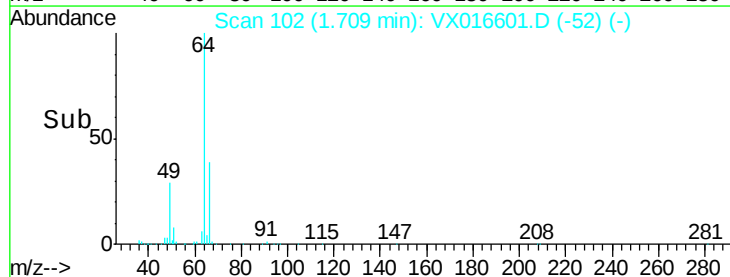
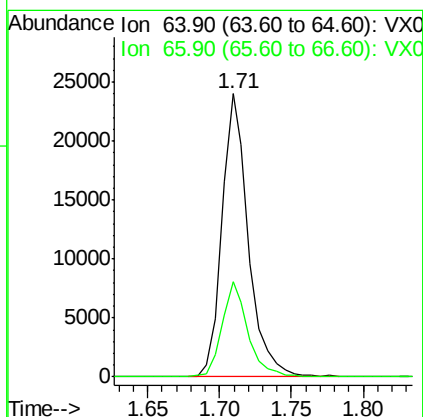
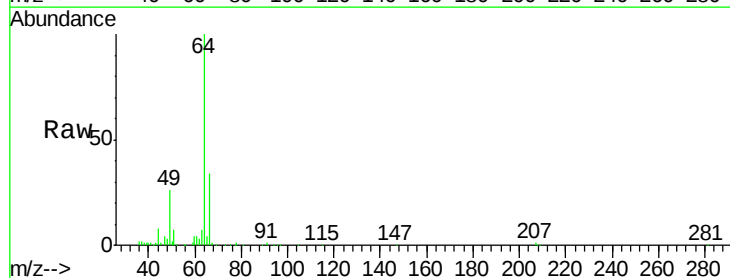
Acq: 05 Jun 2020 11:22

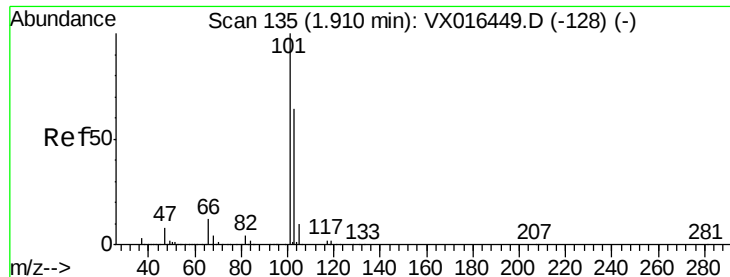
Tgt Ion: 64 Resp: 30896

Ion Ratio Lower Upper

64 100

66 33.8 26.7 40.1





#7

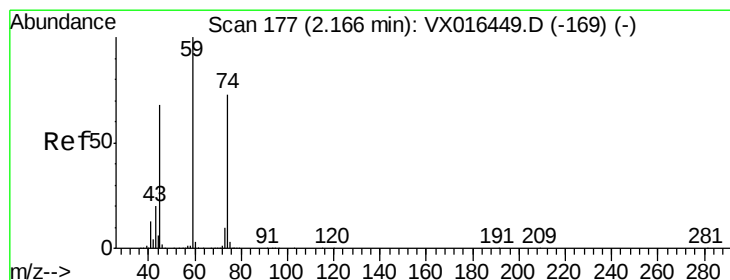
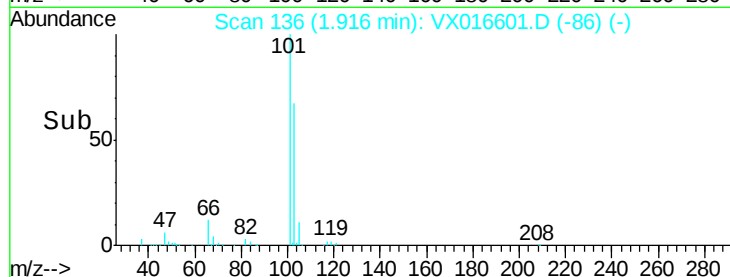
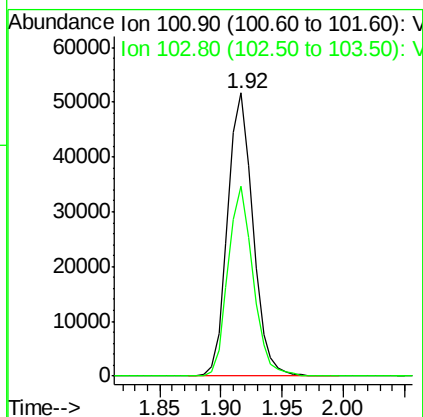
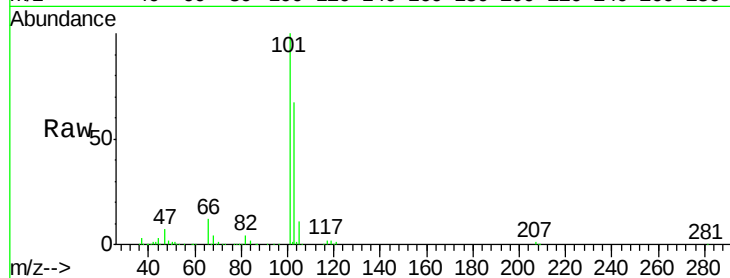
Trichlorofluoromethane
Concen: 19.207 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
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ClientSampleId :
VX0605WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.9	50.9	76.3	

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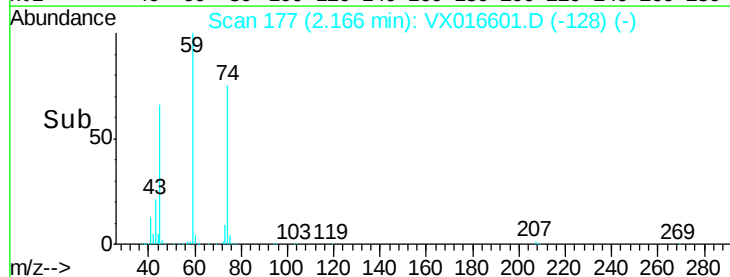
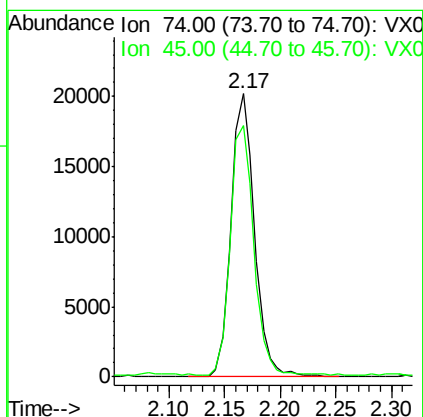
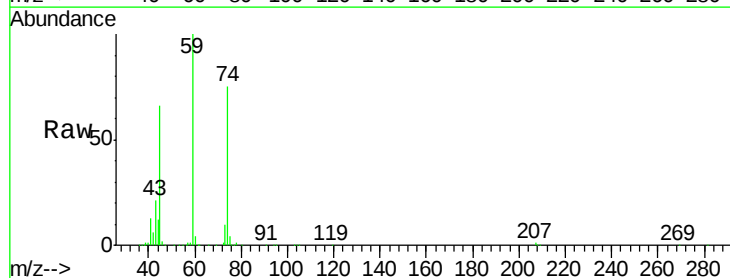
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#8

Diethyl Ether
Concen: 18.400 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	88.7	47.5	142.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.536 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

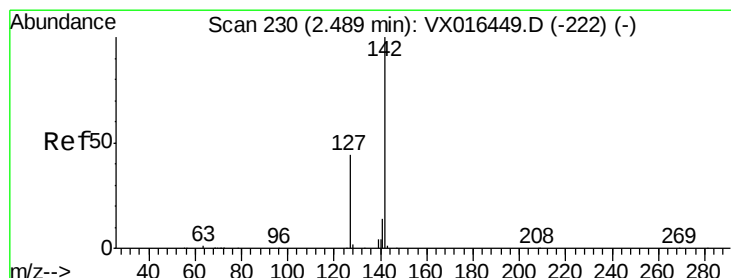
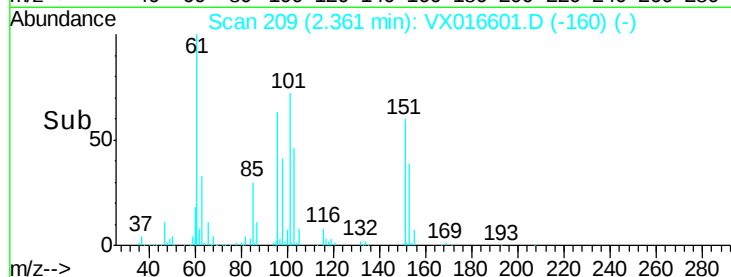
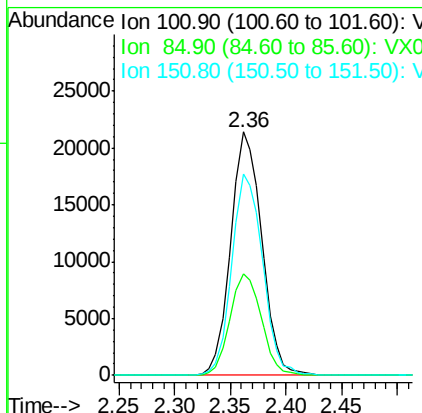
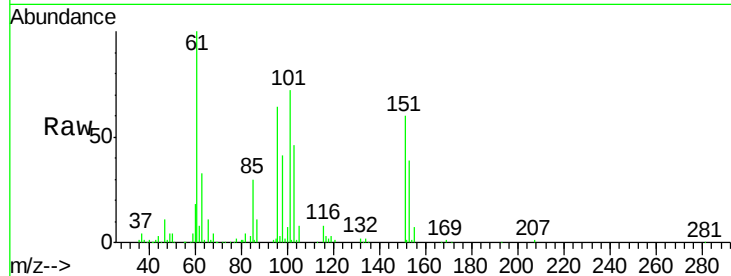
ClientSampleId :

VX0605WBSD01

Tot Ion:	101	Resp:	41448
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	82.2	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.541 ug/l

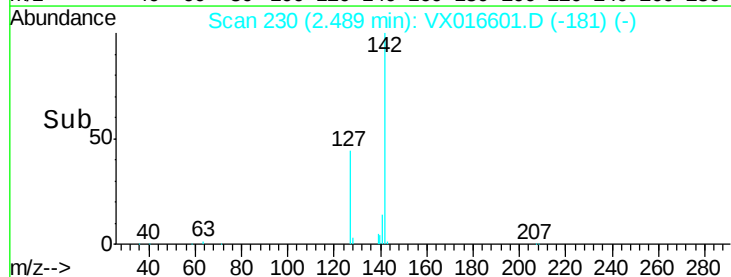
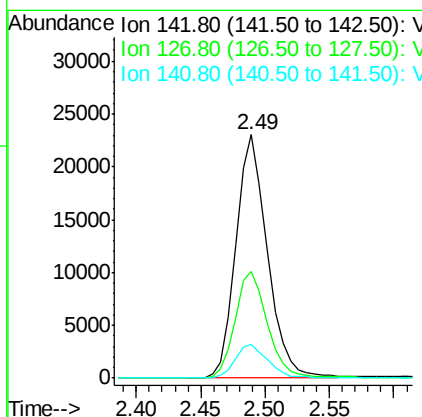
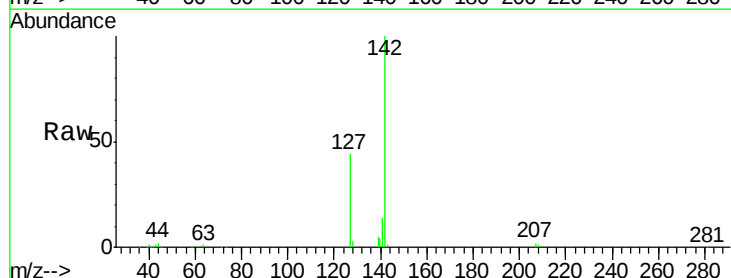
RT: 2.49 min Scan# 230

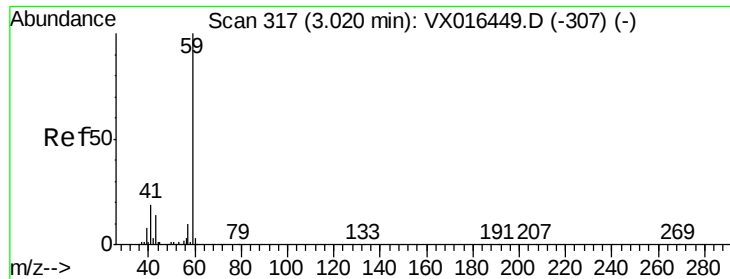
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	142	Resp:	39107
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.3	52.9
141	14.5	11.4	17.2





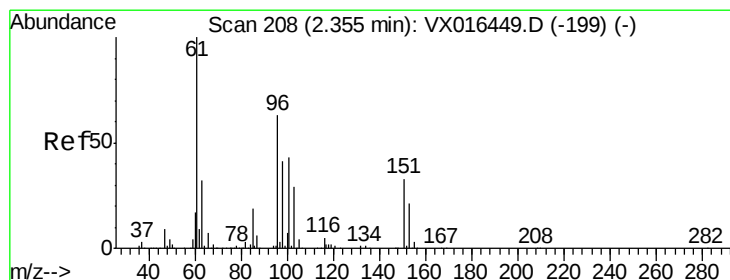
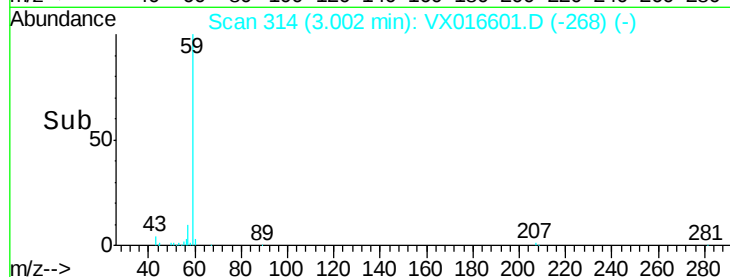
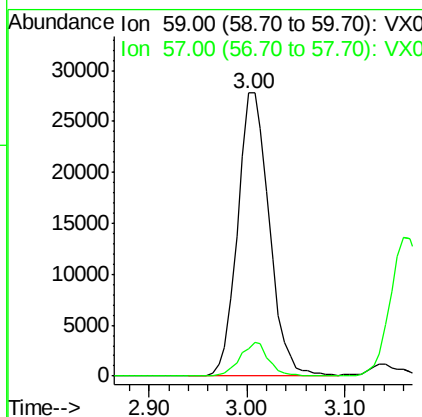
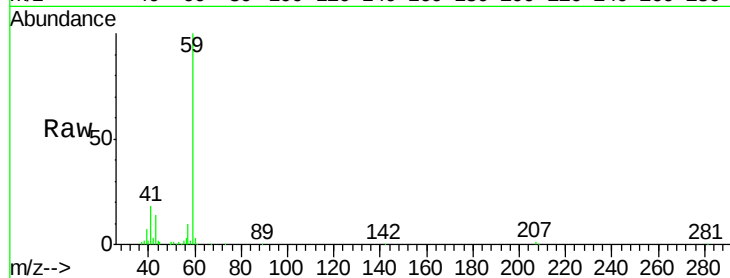
#11
Tert butyl alcohol
Concen: 84.115 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	59	Resp	62518
Ion Ratio	100	Lower	Upper
57	10.7	8.2	12.4

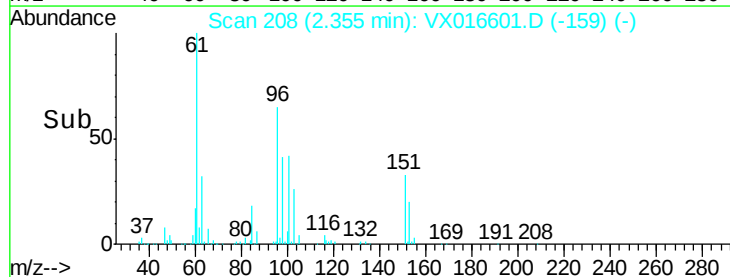
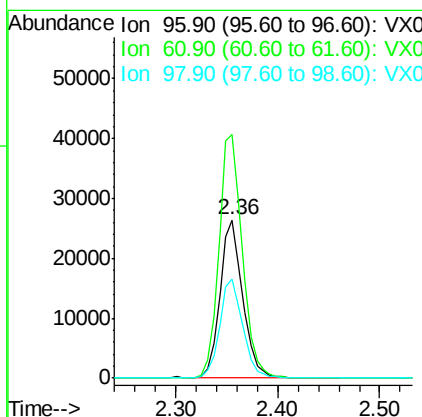
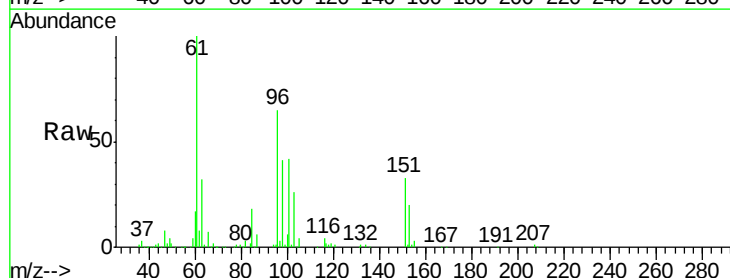
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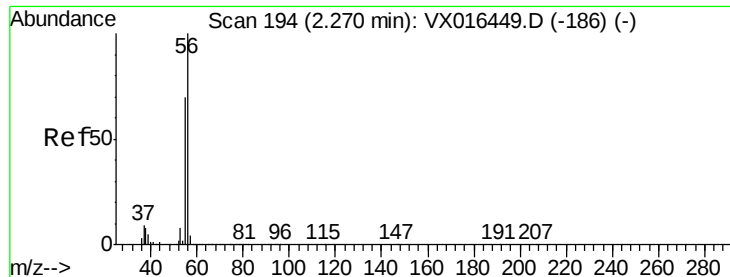
MMDadoda
6/8/2020 4:55:41 PM



#12
1,1-Dichloroethene
Concen: 18.265 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	96	Resp	41019
Ion Ratio	100	Lower	Upper
61	153.8	126.6	189.8
98	62.4	51.3	76.9





#13

Acrolein

Concen: 102.408 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 56 Resp: 32378

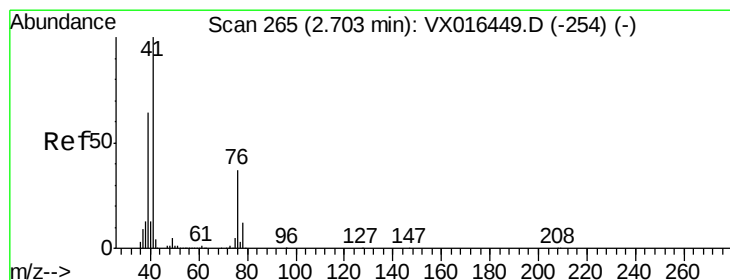
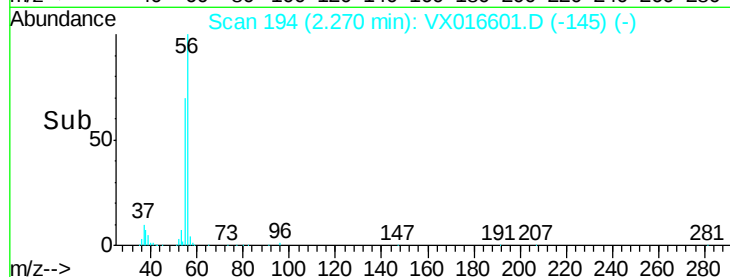
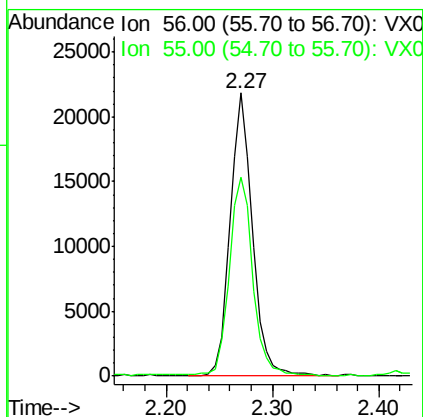
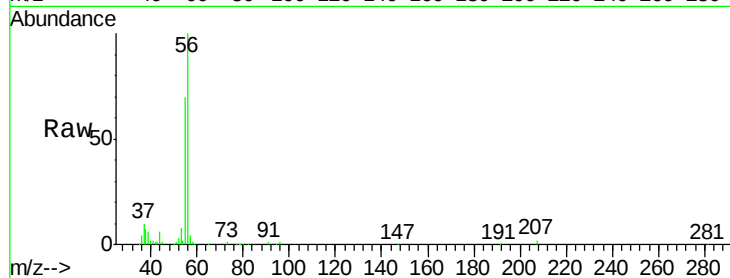
Ion Ratio Lower Upper

56 100

55 73.1 58.3 87.5

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#14

Allyl chloride

Concen: 16.488 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

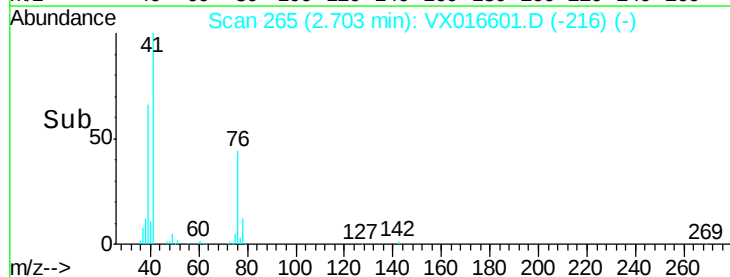
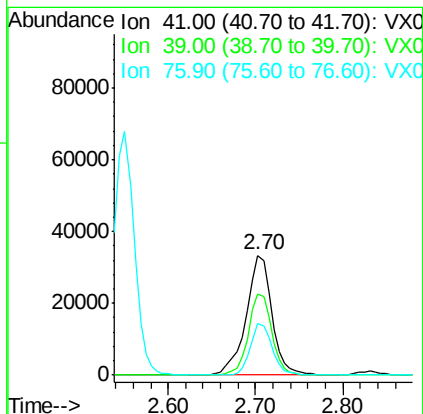
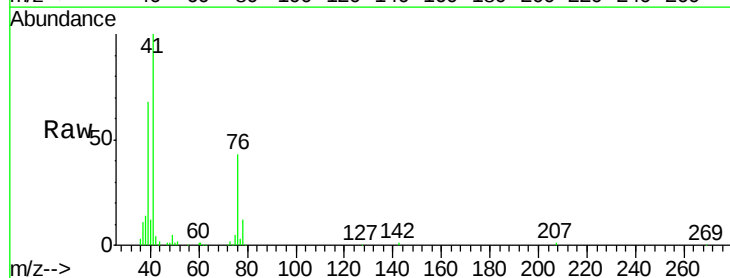
Tgt Ion: 41 Resp: 68097

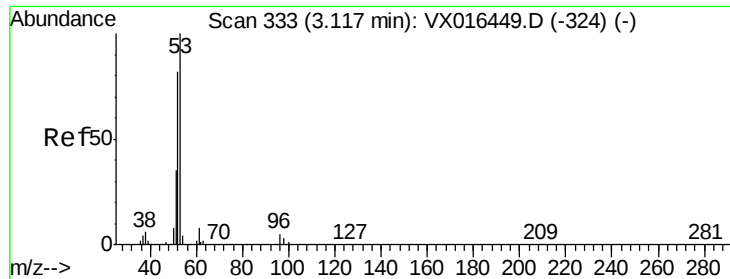
Ion Ratio Lower Upper

41 100

39 61.5 47.7 71.5

76 36.5 26.6 40.0





#15

Acrylonitrile

Concen: 86.794 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

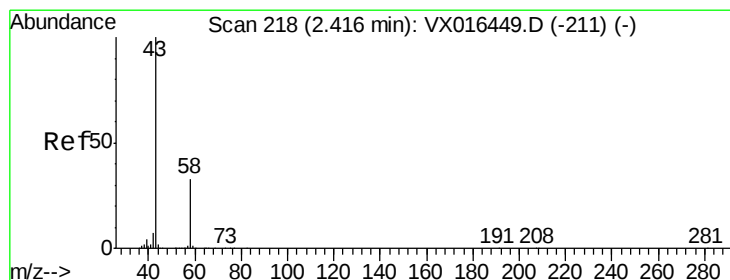
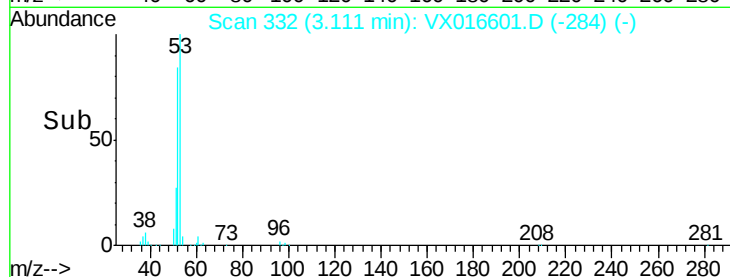
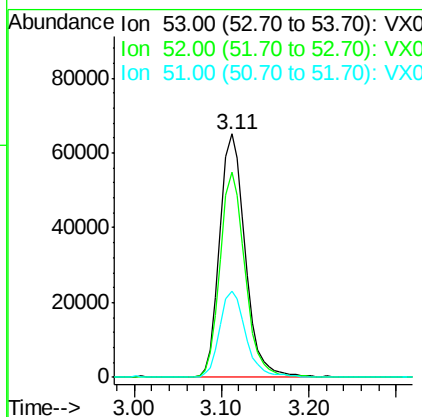
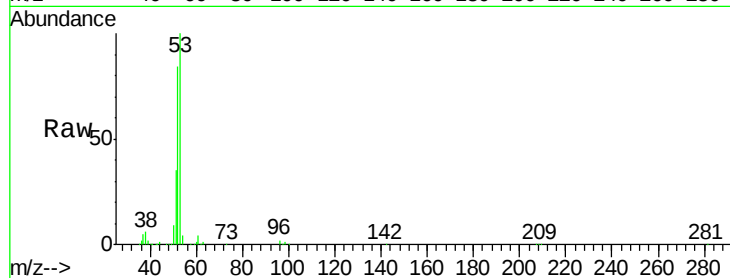
ClientSampleId :

VX0605WBSD01

Tot Ion:	53	Resp:	132143
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.7	100.1
51	36.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 85.538 ug/l

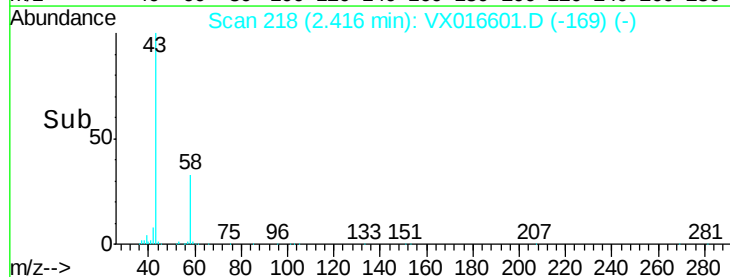
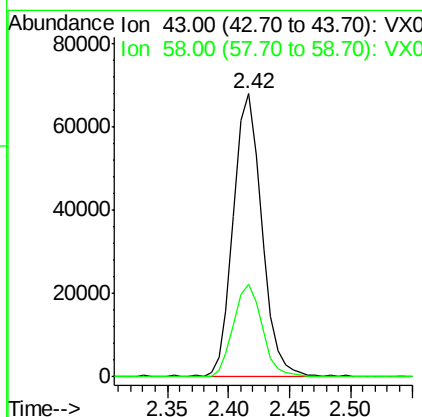
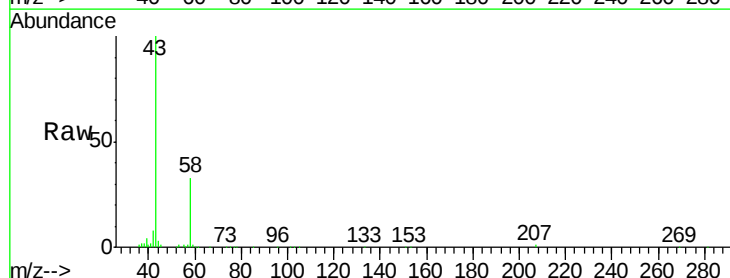
RT: 2.42 min Scan# 218

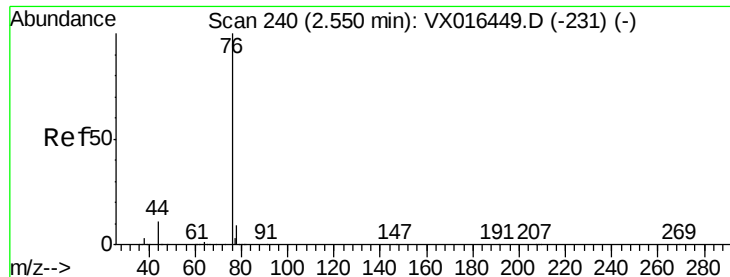
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	43	Resp:	108621
Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.1	39.1





#17

Carbon Disulfide

Concen: 16.545 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 76 Resp: 110338

Ion Ratio Lower Upper

76 100

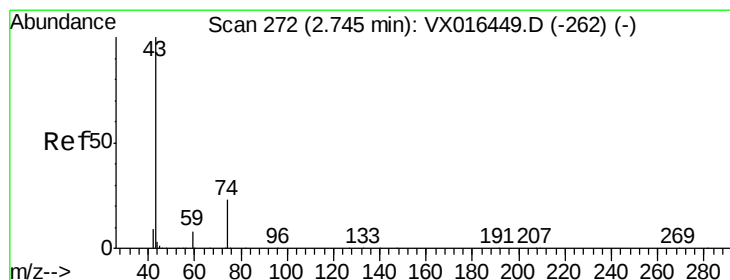
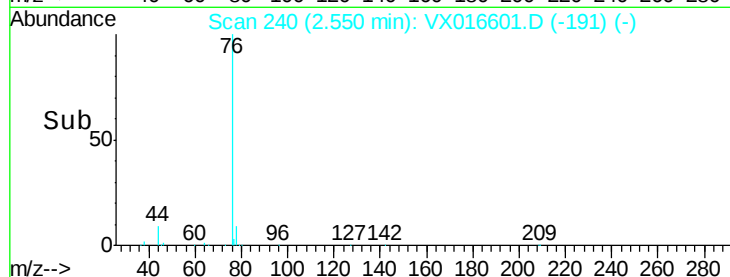
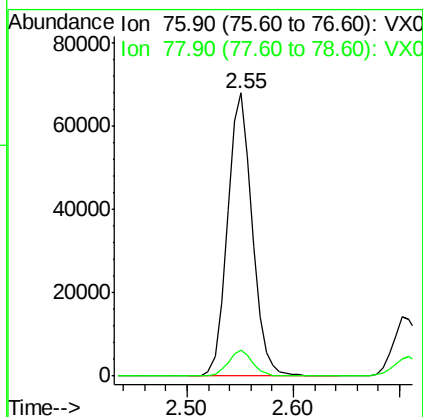
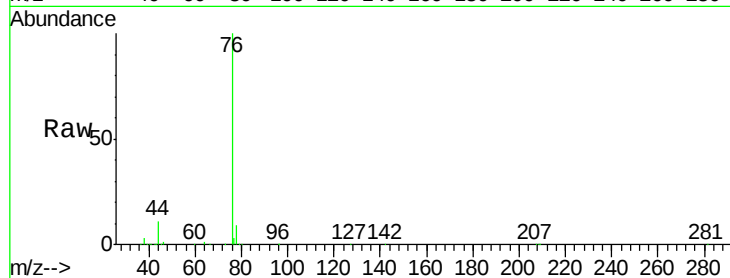
78 9.2 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 18.087 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016601.D

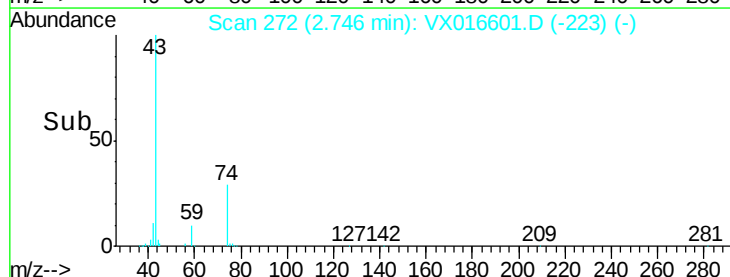
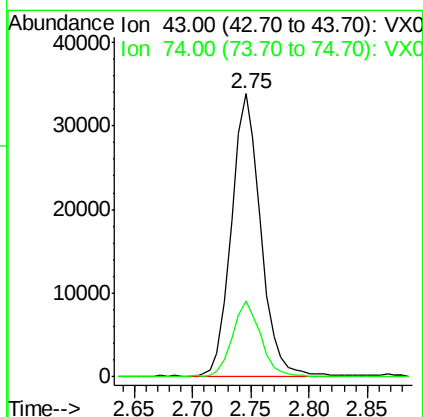
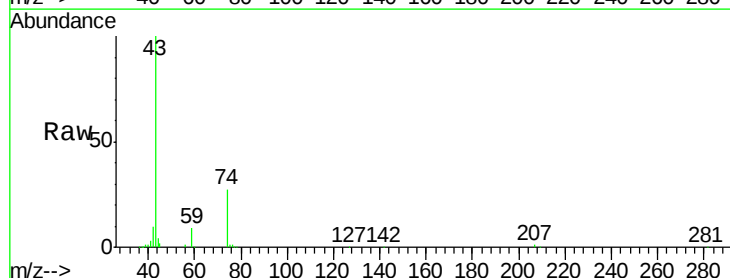
Acq: 05 Jun 2020 11:22

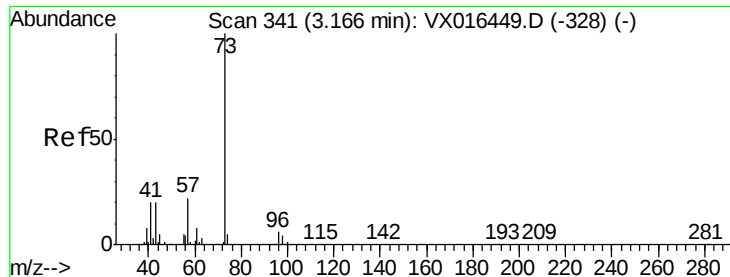
Tgt Ion: 43 Resp: 58909

Ion Ratio Lower Upper

43 100

74 26.3 19.7 29.5





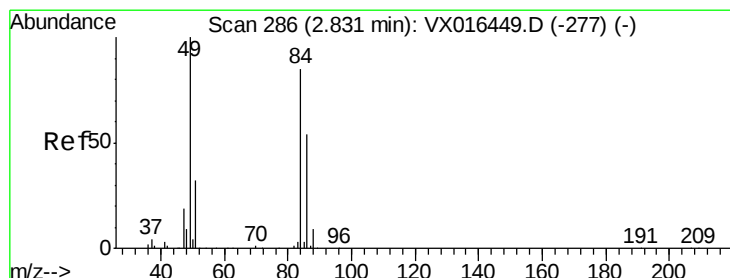
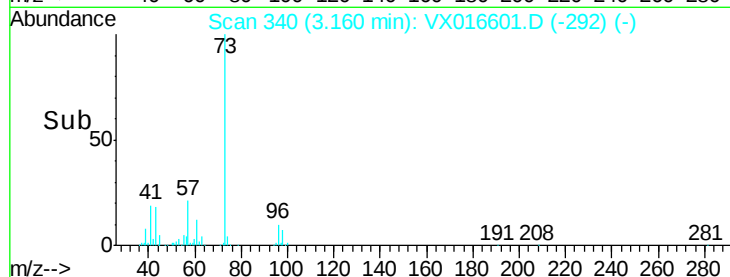
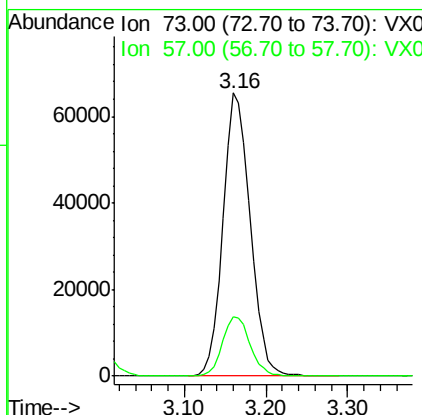
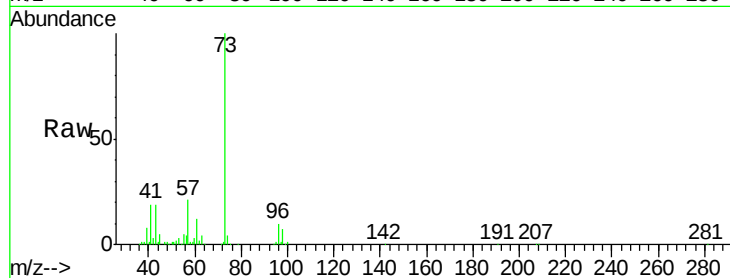
#19
Methvl tert-butvl Ether
Concen: 18.710 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.8	26.6

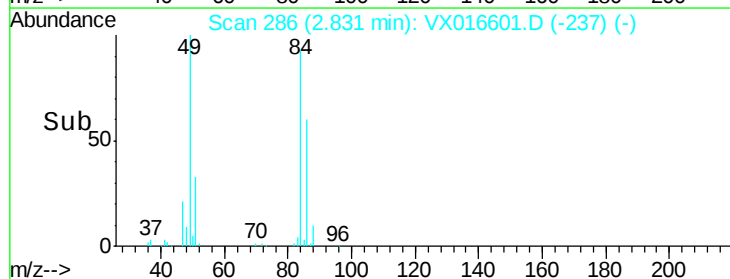
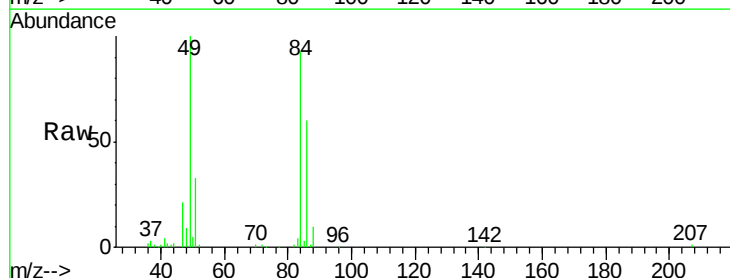
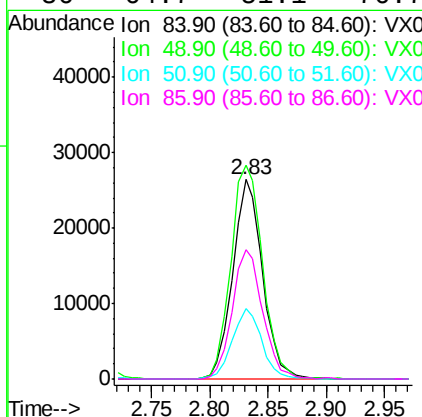
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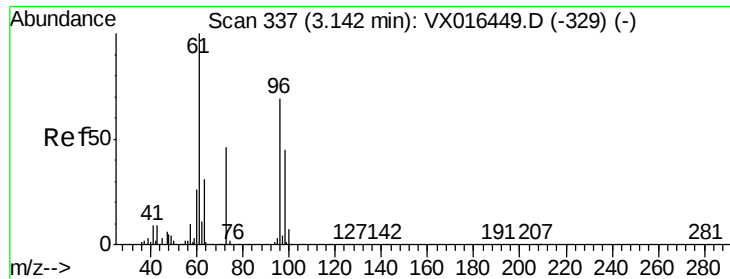
MMDadoda
6/8/2020 4:55:41 PM



#20
Methylene Chloride
Concen: 17.956 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.0	94.5	141.7
51	35.1	30.2	45.4
86	64.7	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.068 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

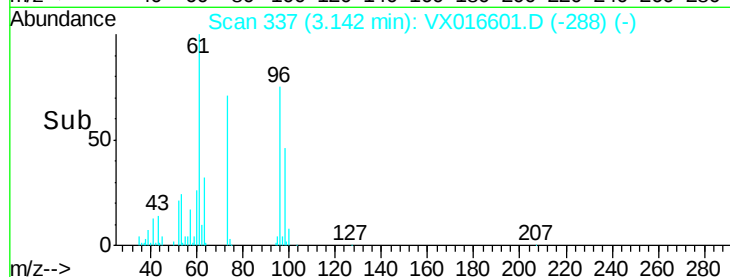
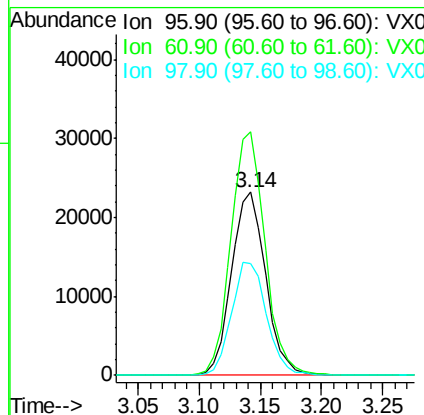
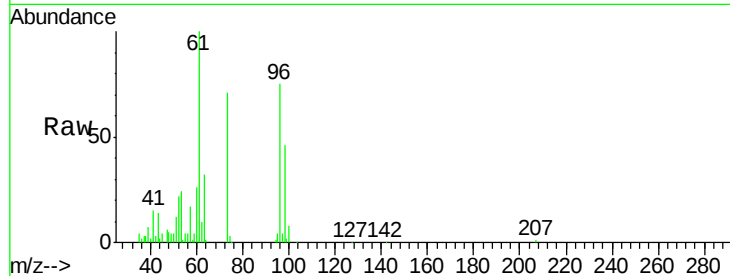
ClientSampleId :

VX0605WBSD01

Tot Ion:	96	Resp:	44882
Ion	Ratio	Lower	Upper
96	100		
61	133.1	115.3	172.9
98	60.9	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.071 ug/l

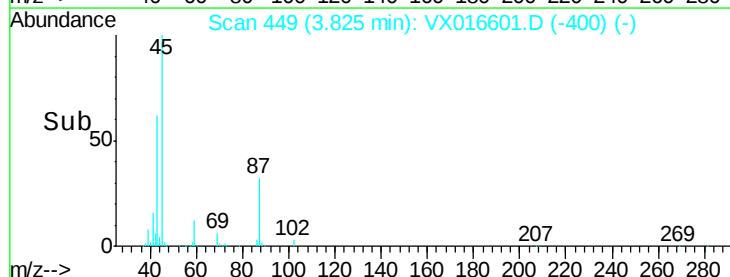
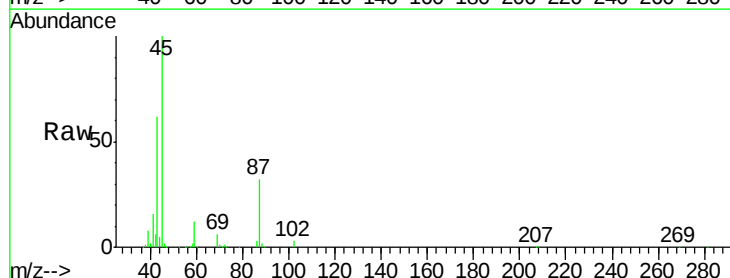
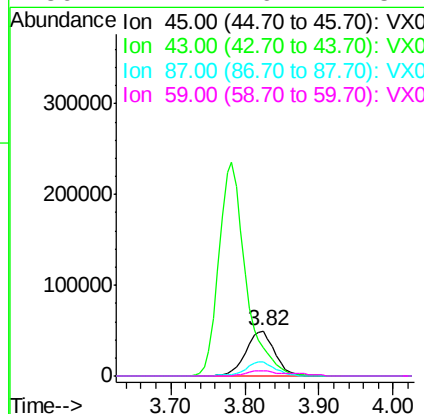
RT: 3.82 min Scan# 449

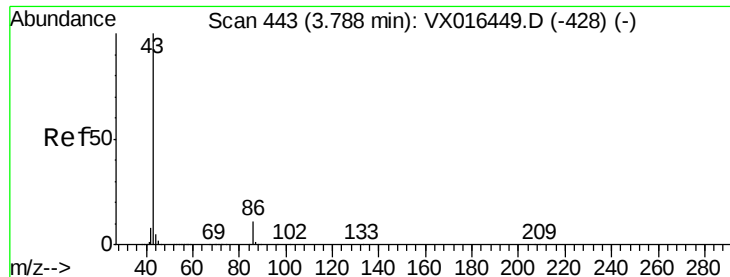
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	45	Resp:	135438
Ion	Ratio	Lower	Upper
45	100		
43	61.5	57.0	85.6
87	31.5	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 85.183 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleID :

VX0605WBSD01

Tot Ion: 43 Resp: 591558

Ion Ratio Lower Upper

43 100

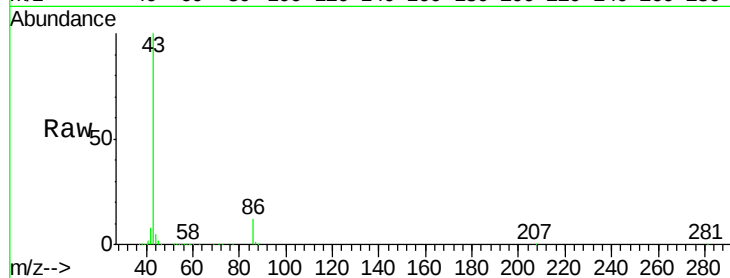
86 11.6 8.6 13.0

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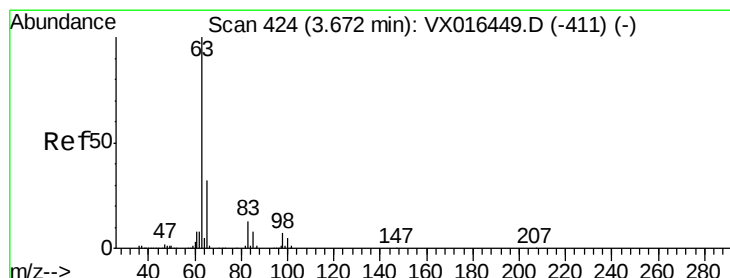
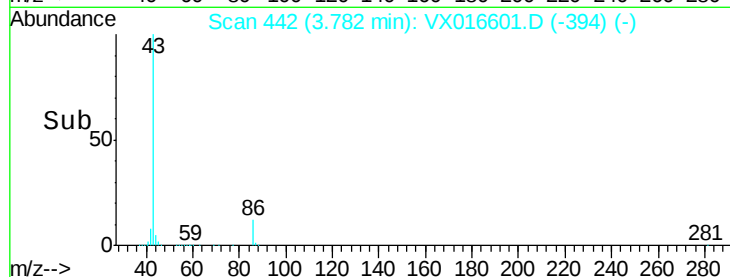
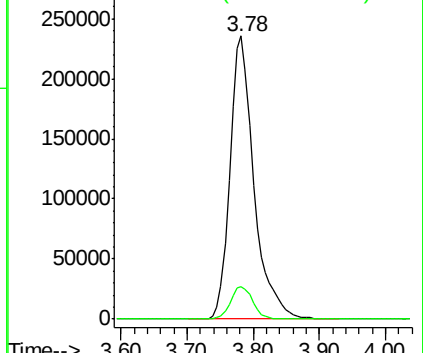
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.140 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

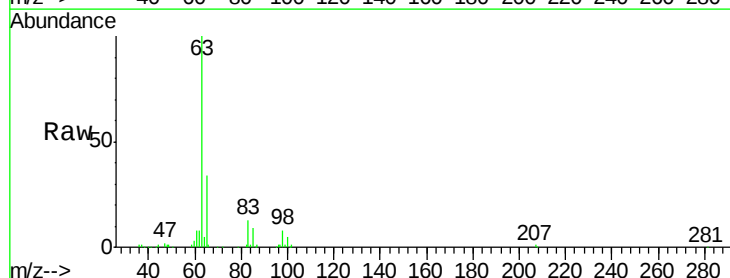
Tgt Ion: 63 Resp: 81232

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

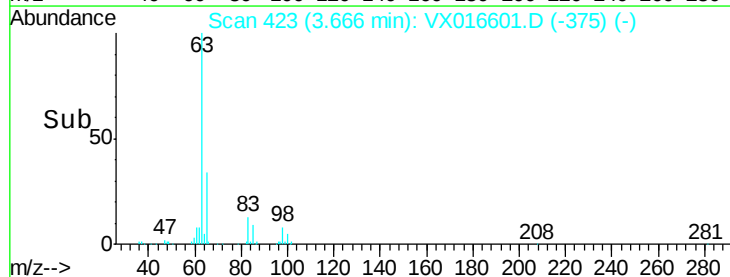
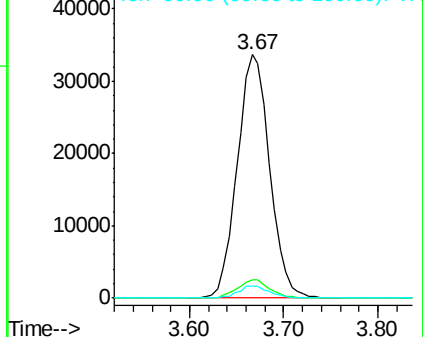
100 4.8 2.4 7.1

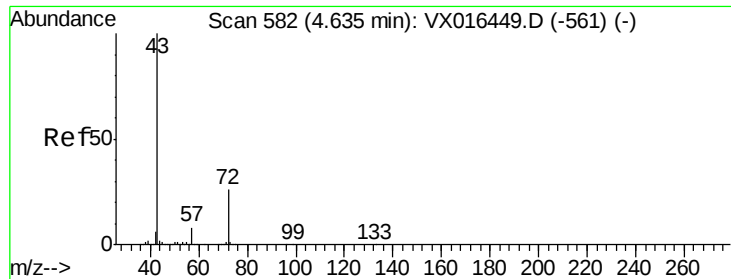


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





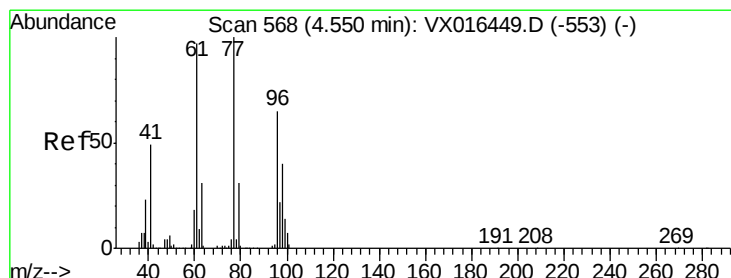
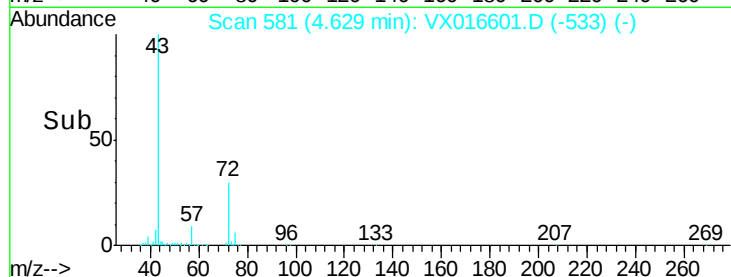
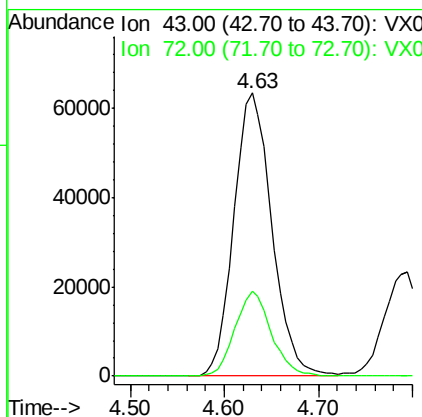
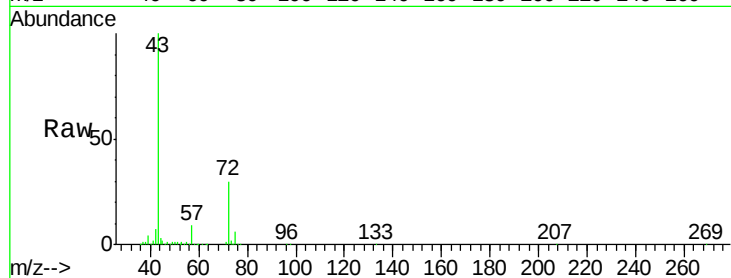
#25
2-Butanone
Concen: 82.804 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion: 43 Resp: 178171
Ion Ratio Lower Upper
43 100
72 29.7 21.0 31.6

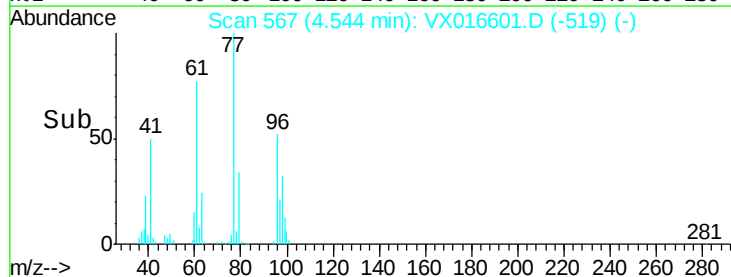
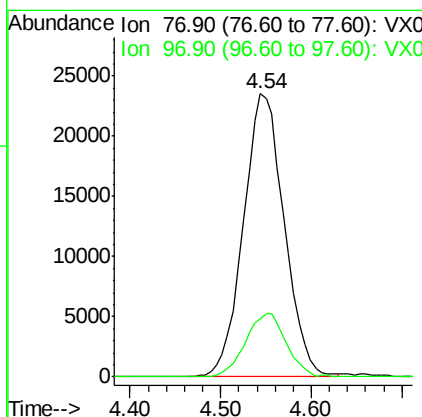
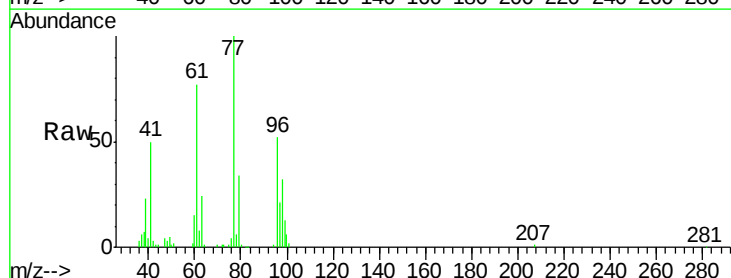
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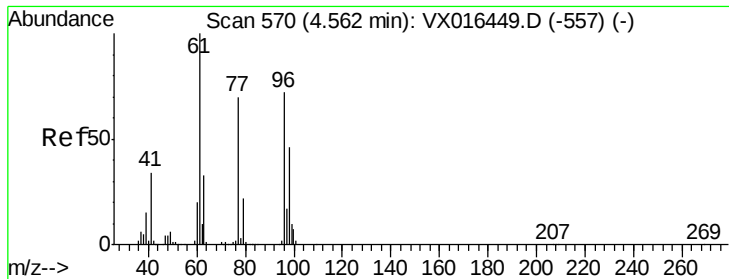
MMDadoda
6/8/2020 4:55:41 PM



#26
2,2-Dichloropropane
Concen: 19.992 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion: 77 Resp: 73255
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.4





#27

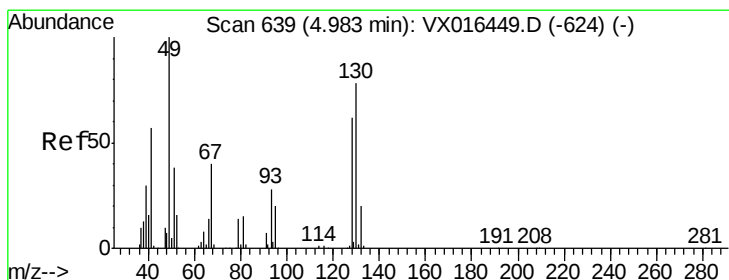
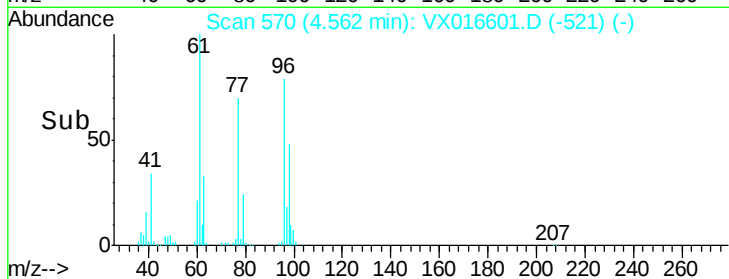
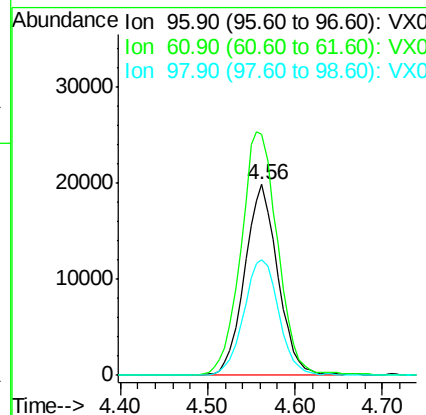
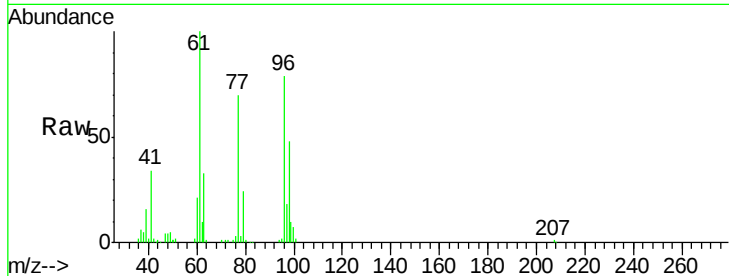
cis-1,2-Dichloroethene
Concen: 18.183 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	284.6
98	64.1	0.0	127.2

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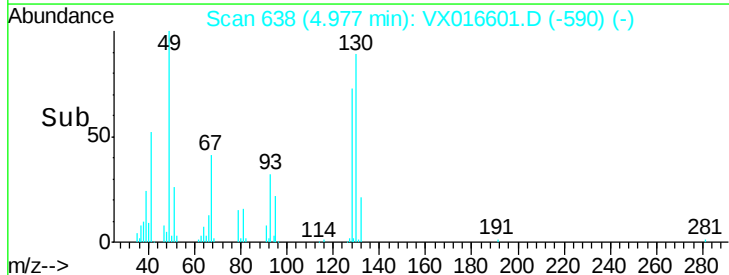
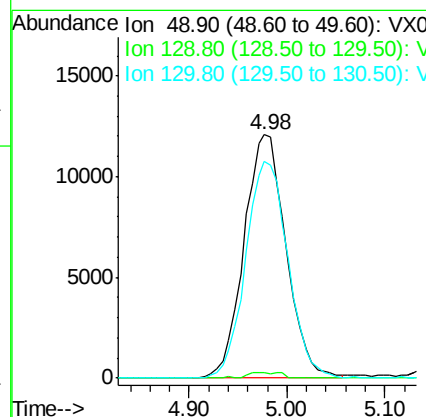
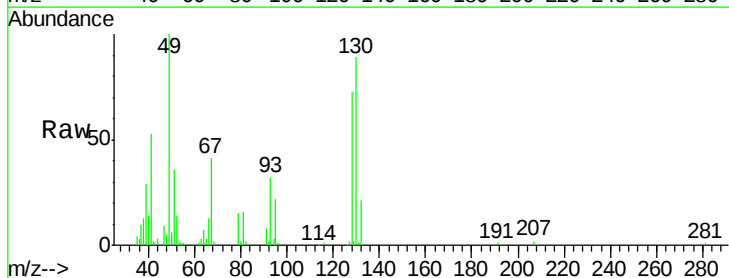
MMDadoda
6/8/2020 4:55:41 PM

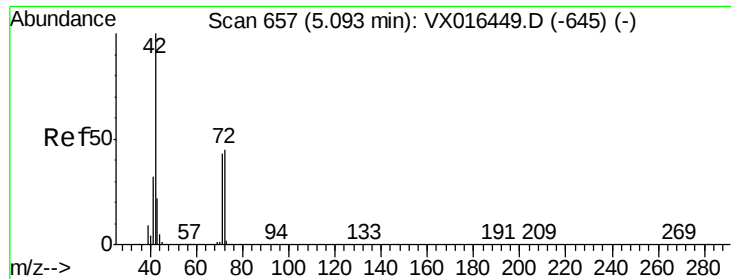


#28

Bromochloromethane
Concen: 17.358 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	89.5	63.0	94.4





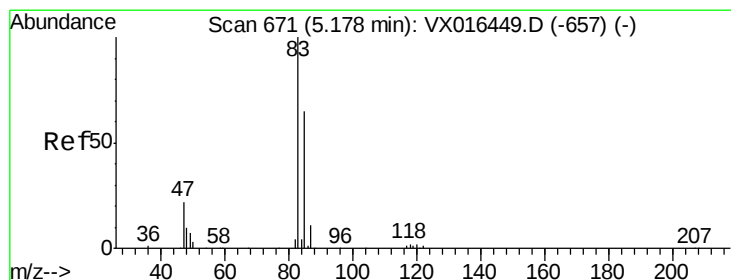
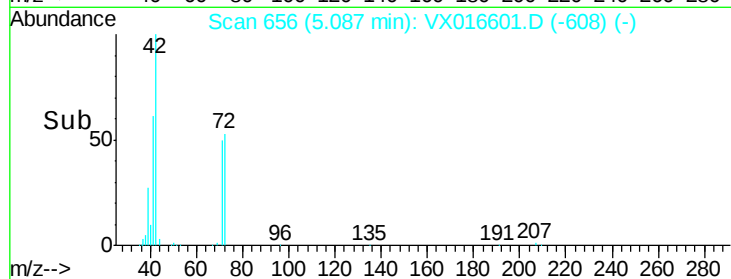
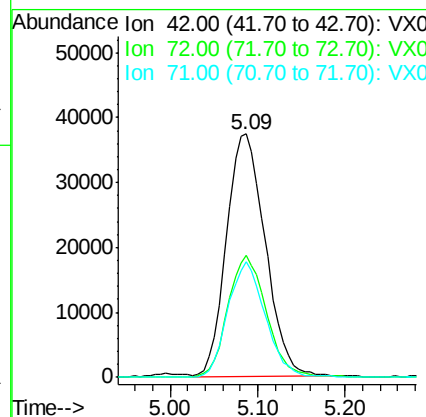
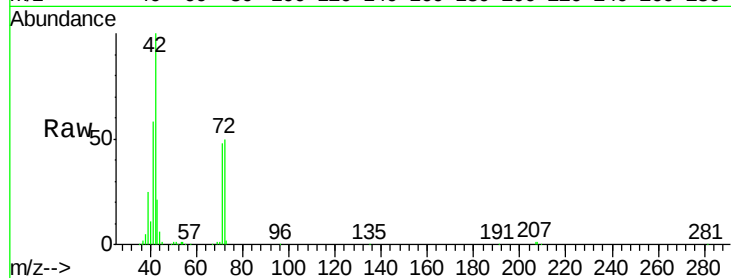
#29
Tetrahydrofuran
Concen: 82.912 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	37.0	55.4
71	46.3	34.1	51.1

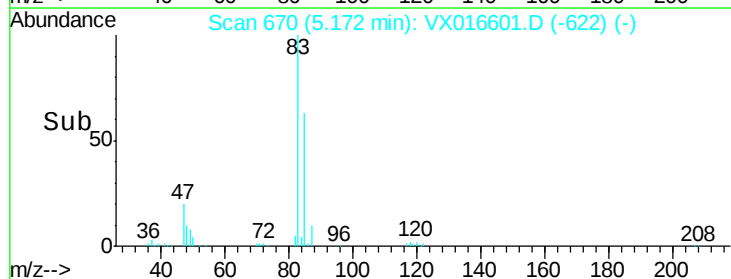
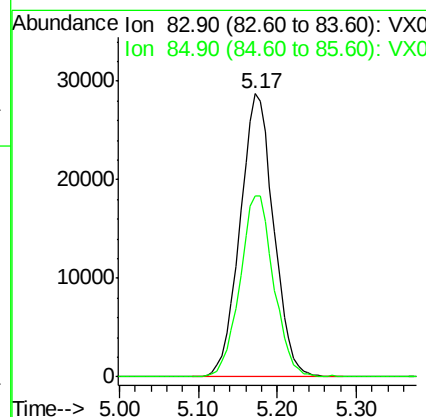
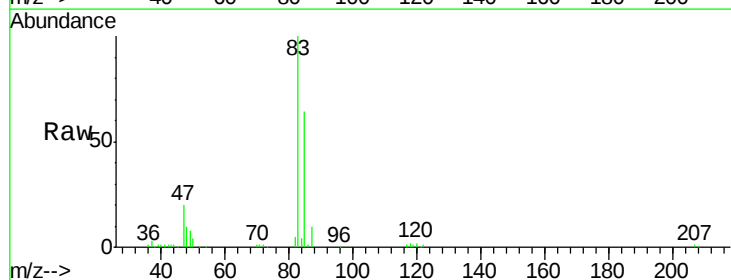
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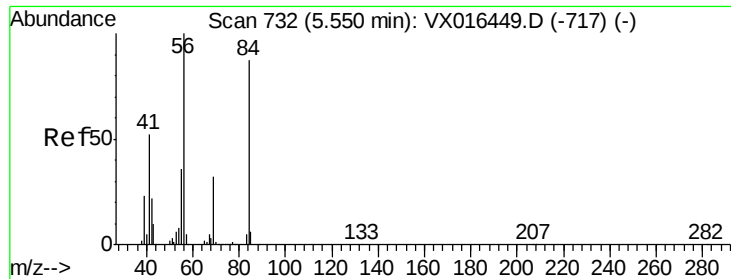
MMDadoda
6/8/2020 4:55:41 PM



#30
Chloroform
Concen: 18.847 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.0	78.0





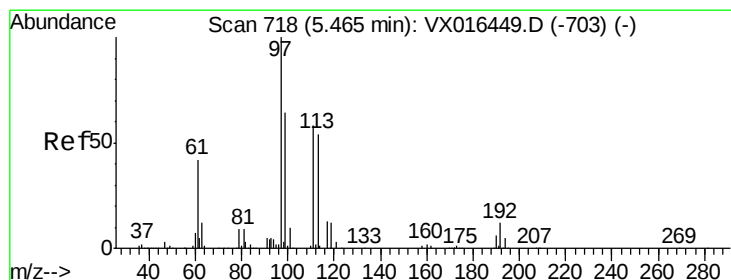
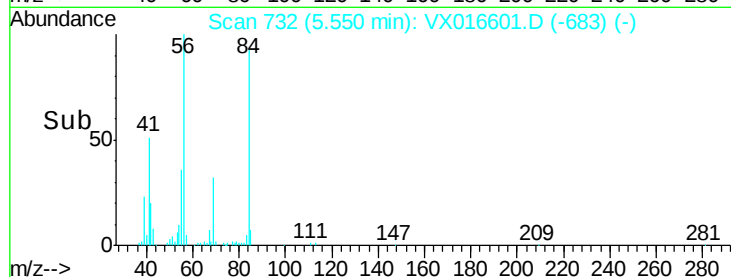
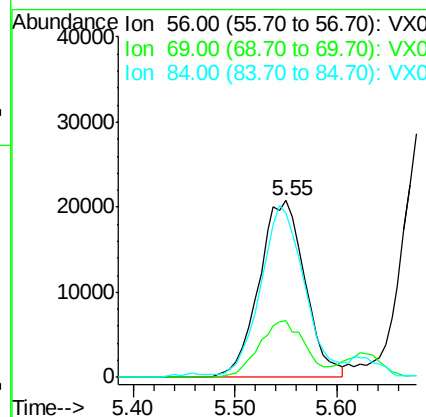
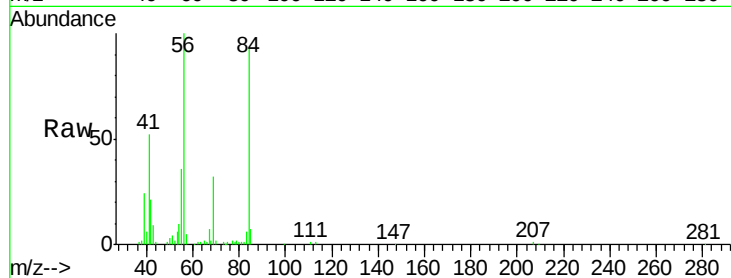
#31
Cvclohexane
Concen: 16.159 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.2	25.7	38.5	
84	91.2	70.0	105.0	

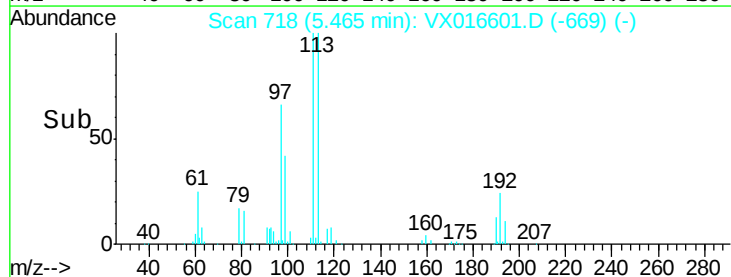
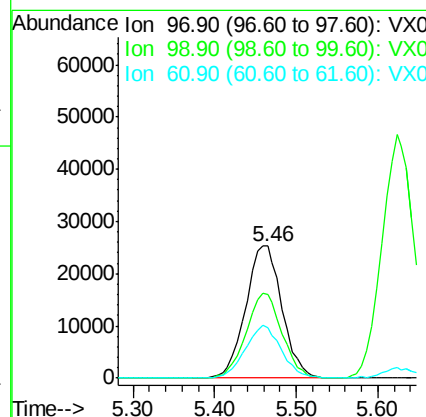
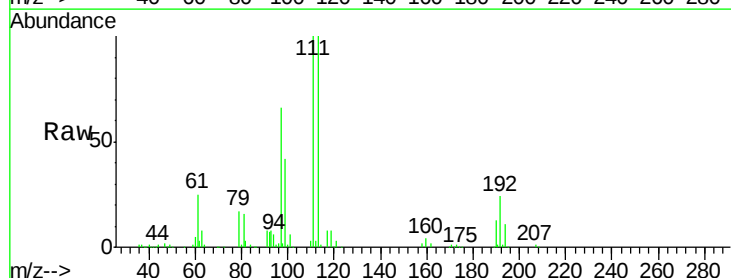
Manual Integrations
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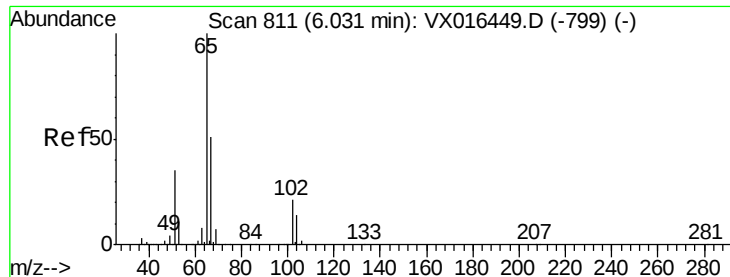
MMDadoda
6/8/2020 4:55:41 PM



#32
1,1,1-Trichloroethane
Concen: 19.141 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.2	51.4	77.2	
61	39.5	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 48.278 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 65 Resp: 139929

Ion Ratio Lower Upper

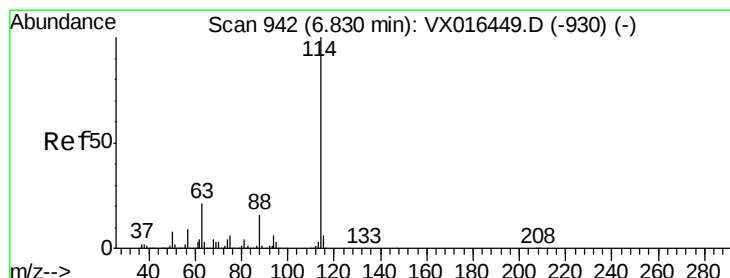
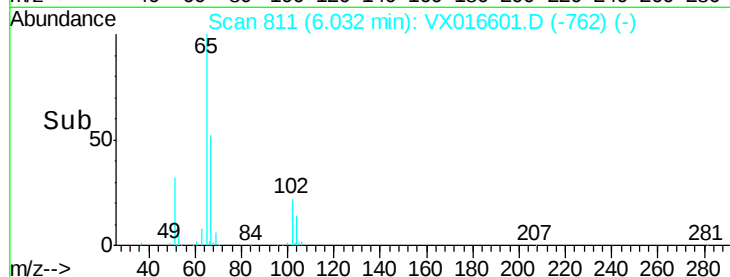
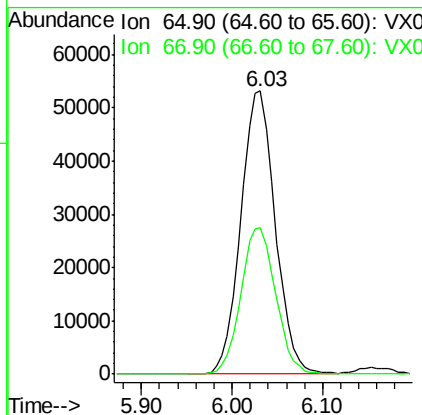
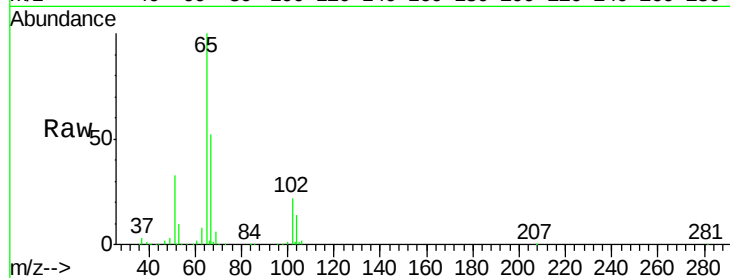
65 100

67 52.4 0.0 104.8

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

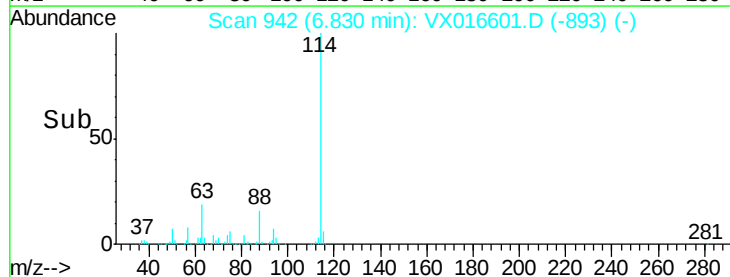
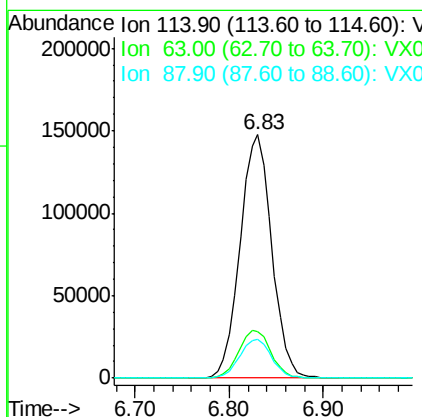
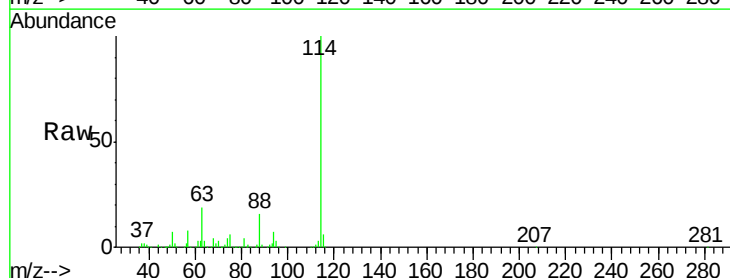
Tgt Ion: 114 Resp: 346826

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 15.7 0.0 32.8





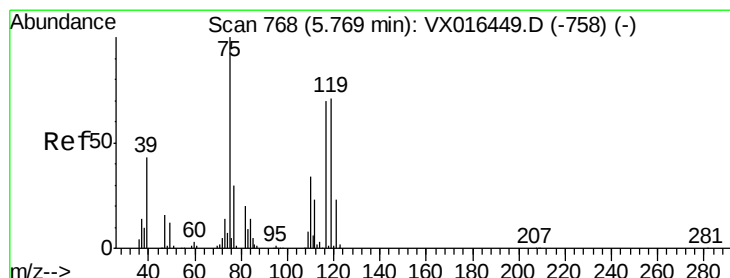
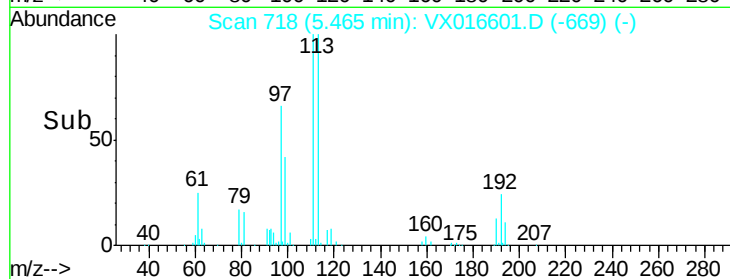
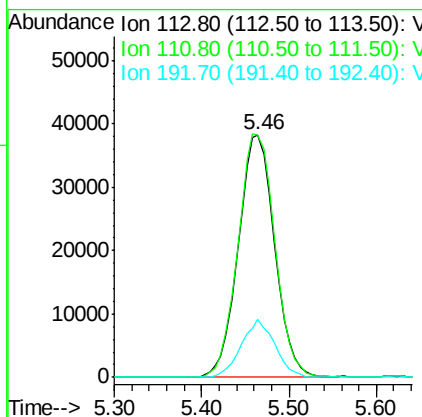
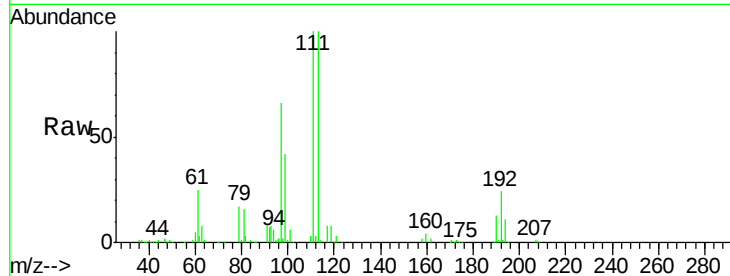
#35
 Dibromofluoromethane
 Concen: 51.636 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110271		
111	102.2	83.0	124.6	
192	22.3	17.7	26.5	

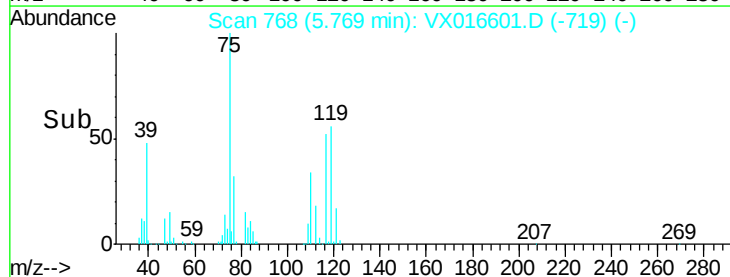
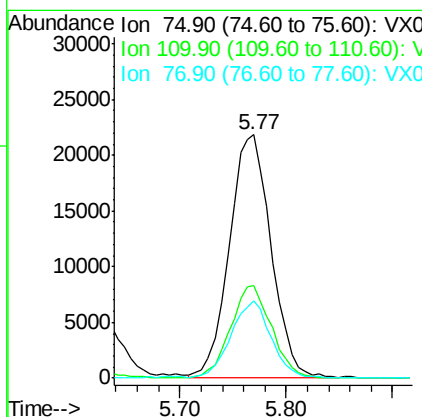
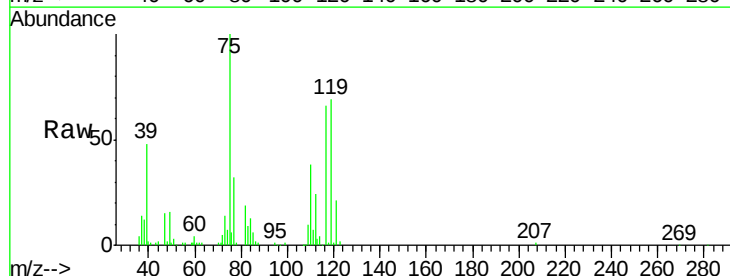
Manual Integrations
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 6/8/2020 4:55:41 PM



#36
 1,1-Dichloropropene
 Concen: 18.053 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59283		
110	37.6	17.4	52.3	
77	31.1	24.2	36.4	





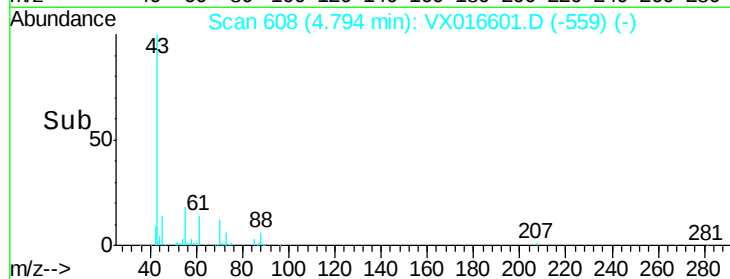
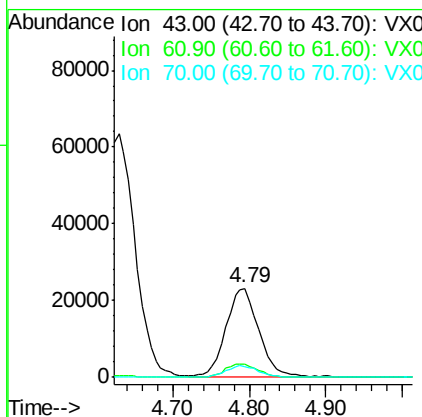
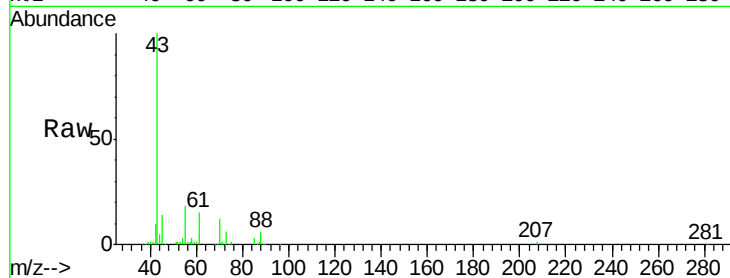
#37
Ethyl Acetate
Concen: 17.187 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.3	16.9
70	13.1	9.3	13.9

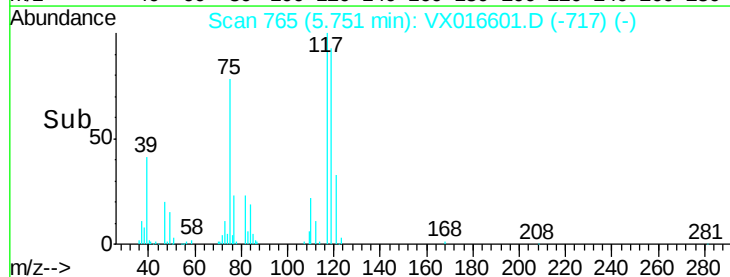
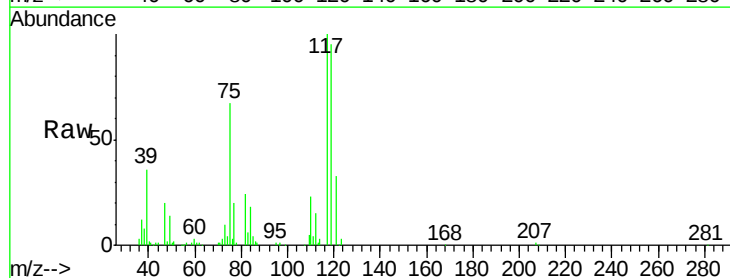
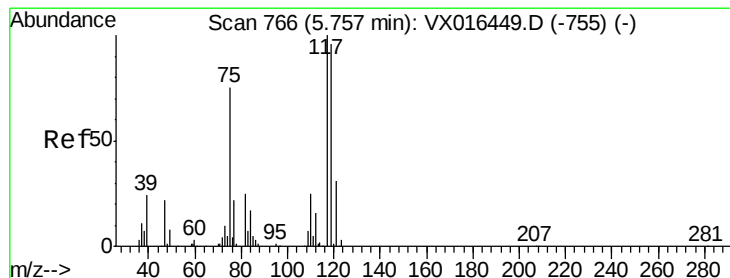
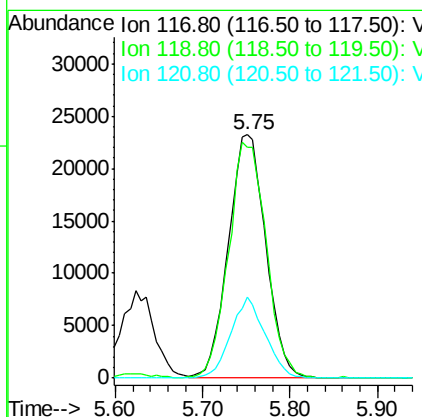
Manual Integrations
APPROVED

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#38
Carbon Tetrachloride
Concen: 19.943 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.3	114.5
121	33.1	24.6	37.0





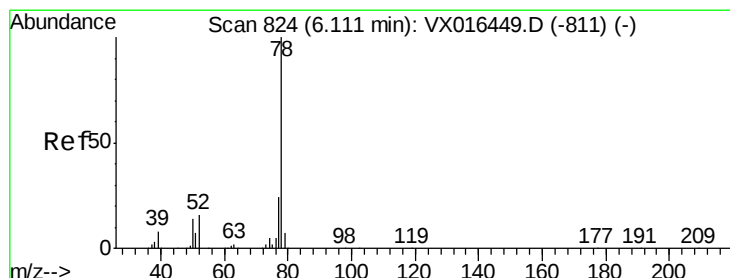
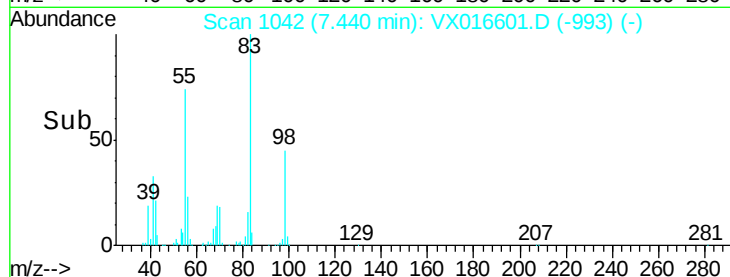
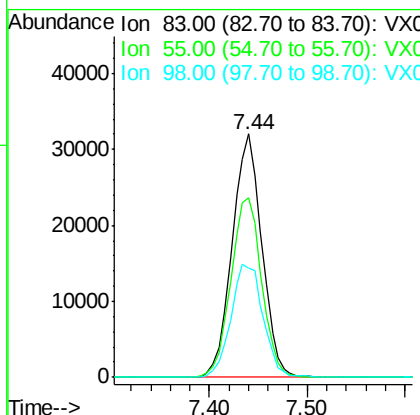
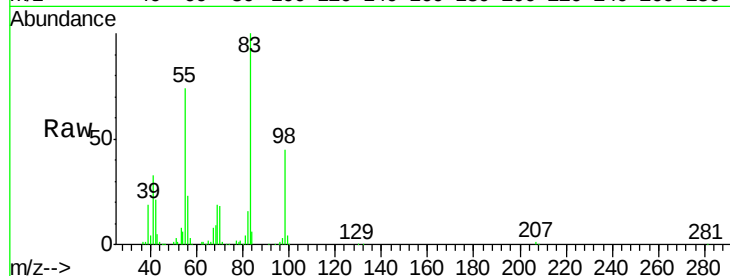
#39
Methylvlcyclohexane
Concen: 18.922 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	83	Resp	67490
Ion	Ratio	Lower	Upper
83	100		
55	73.9	61.7	92.5
98	44.7	38.7	58.1

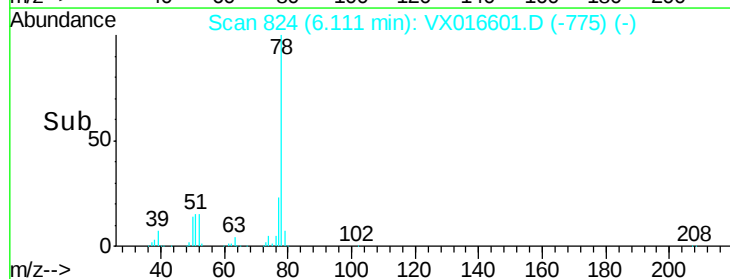
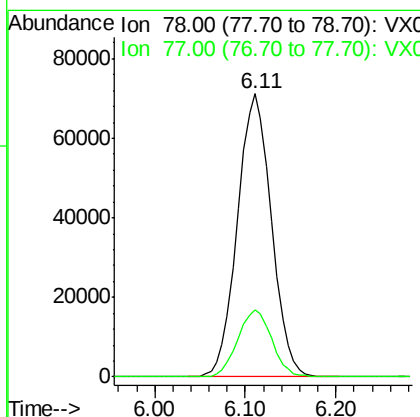
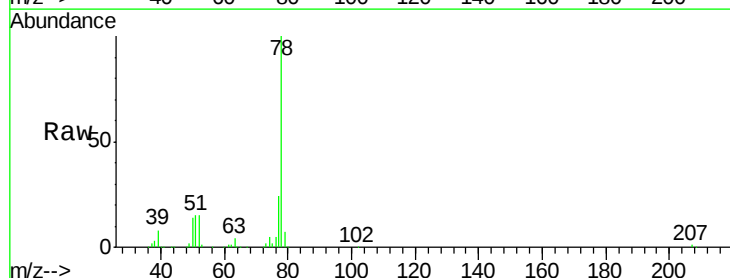
Manual Integrations
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#40
Benzene
Concen: 18.949 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	78	Resp	185303
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 17.223 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 41 Resp: 37296

Ion Ratio Lower Upper

41 100

39 55.4 43.0 64.4

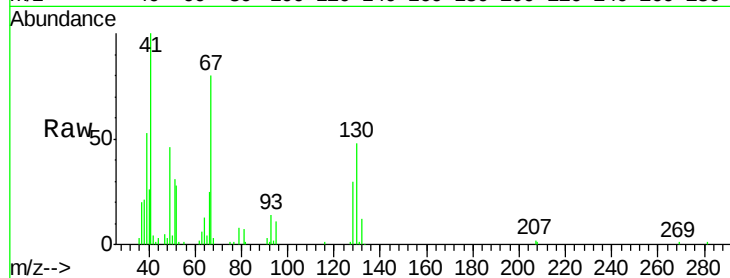
67 77.7 58.9 88.3

52 31.1 23.1 34.7

Manual Integrations
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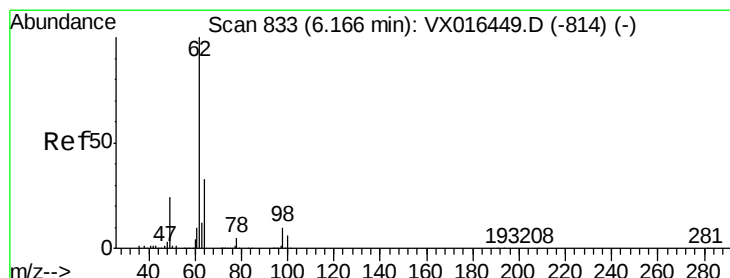
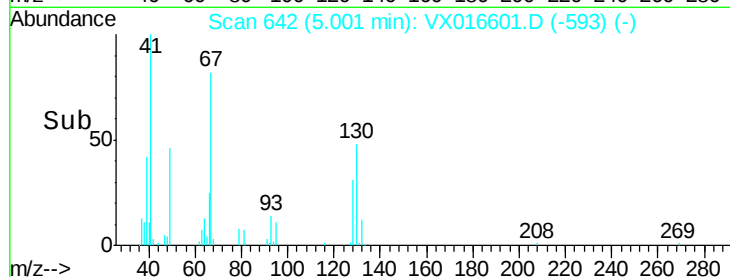
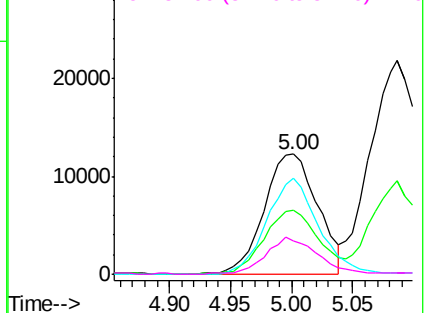


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.680 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016601.D

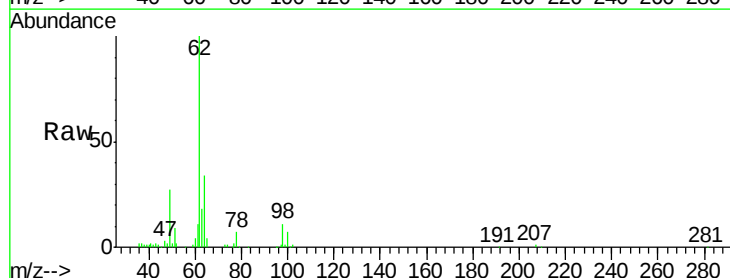
Acq: 05 Jun 2020 11:22

Tgt Ion: 62 Resp: 68439

Ion Ratio Lower Upper

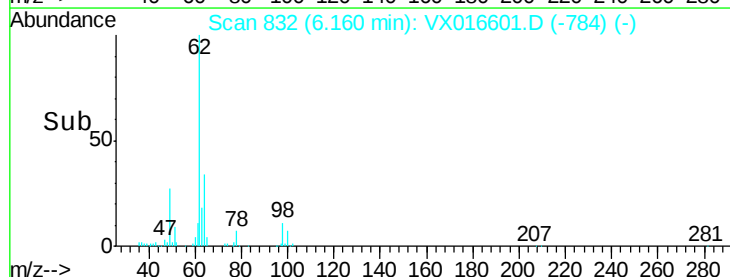
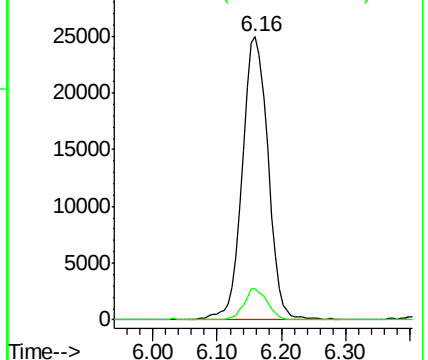
62 100

98 9.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





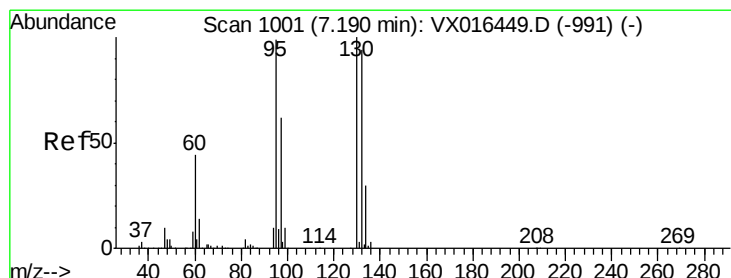
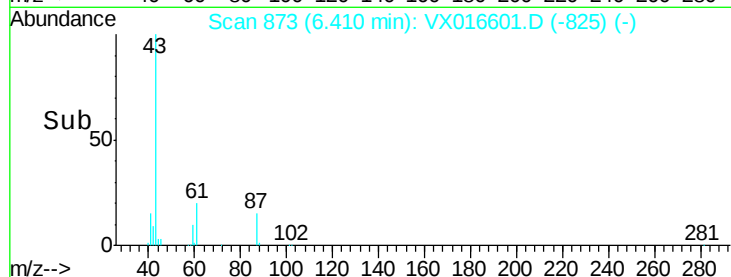
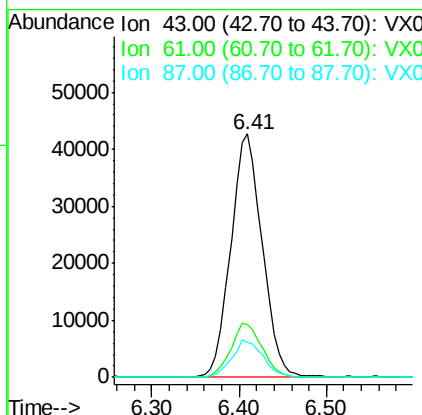
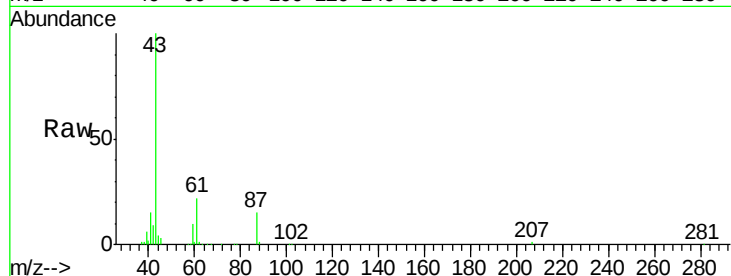
#43
Isopropyl Acetate
Concen: 17.254 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	15.2	11.2	16.8

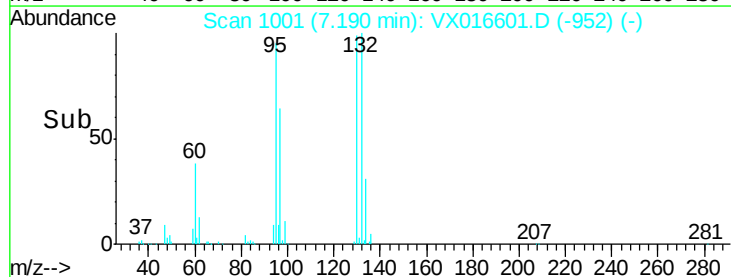
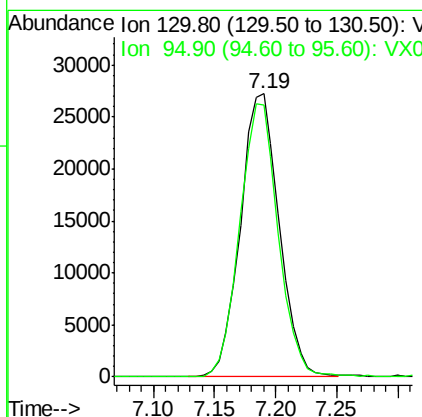
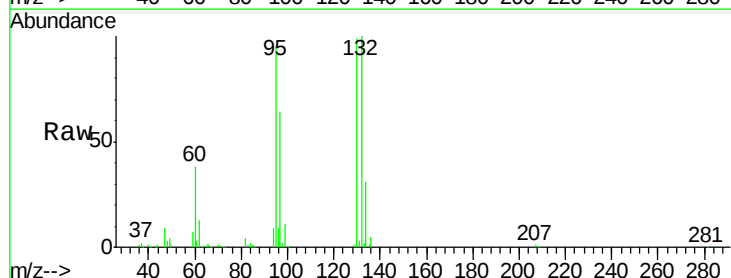
Manual Integrations
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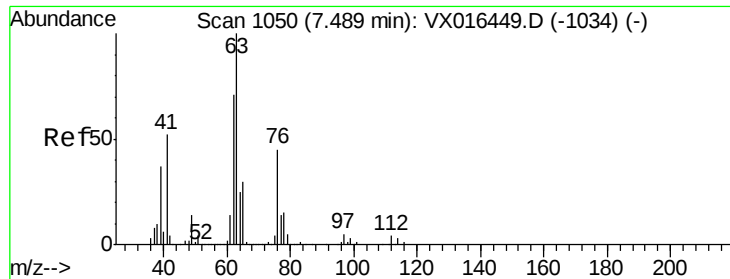
MMDadoda
6/8/2020 4:55:41 PM



#44
Trichloroethene
Concen: 19.339 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	198.2





#45

1,2-Dichloropropane

Concen: 18.686 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 63 Resp: 46518

Ion Ratio Lower Upper

63 100

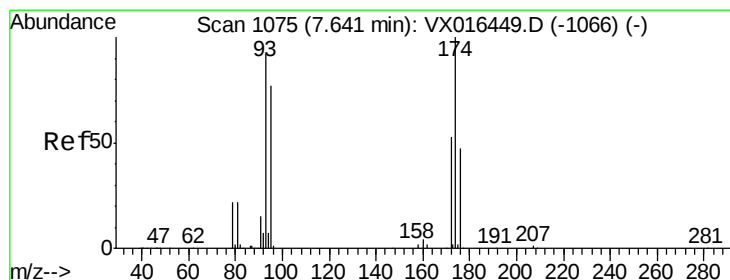
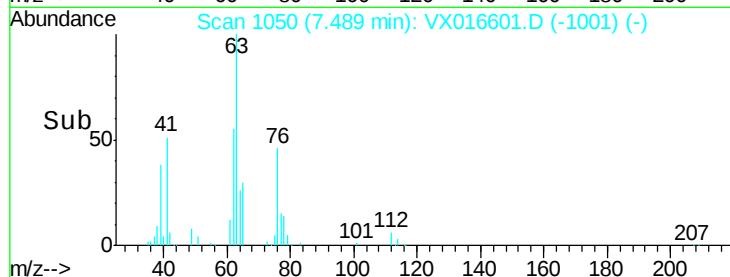
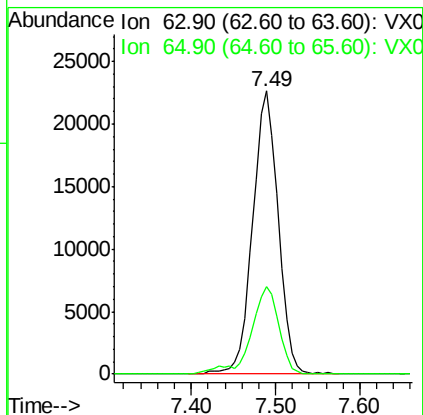
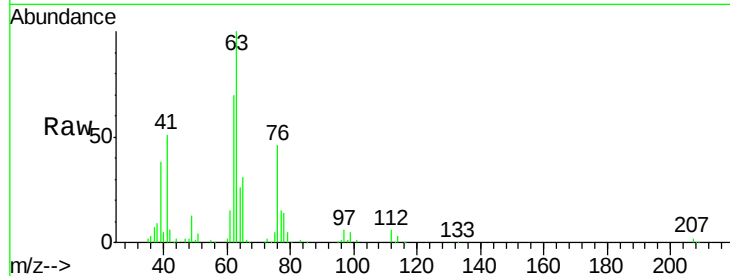
65 30.7 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.457 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

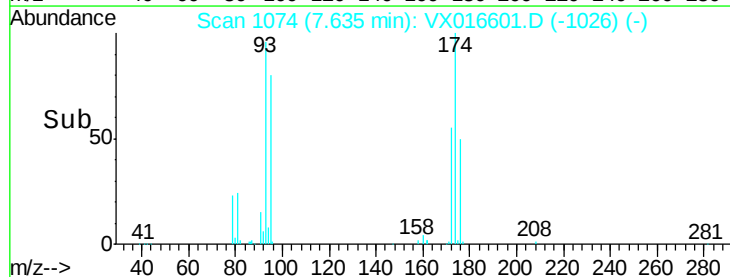
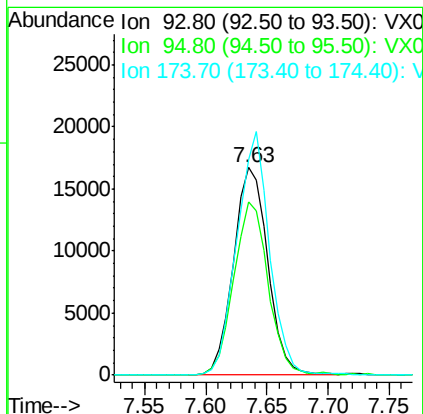
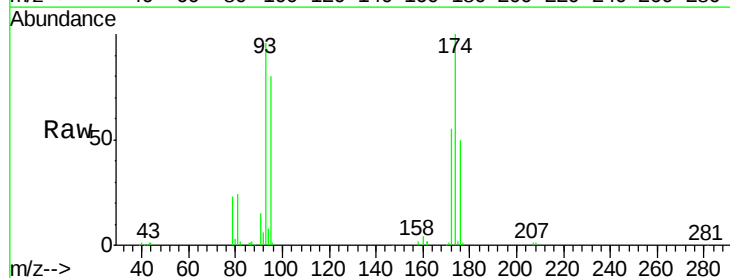
Tgt Ion: 93 Resp: 32534

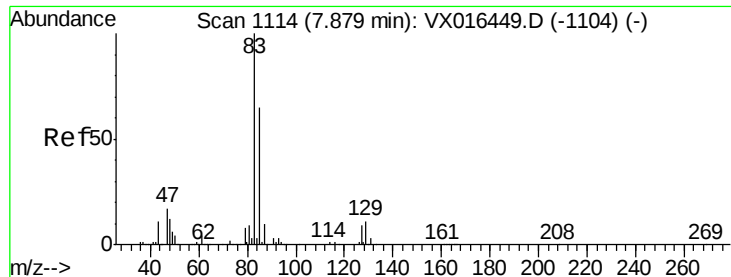
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 111.8 86.2 129.4





#47

Bromodichloromethane

Concen: 19.837 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

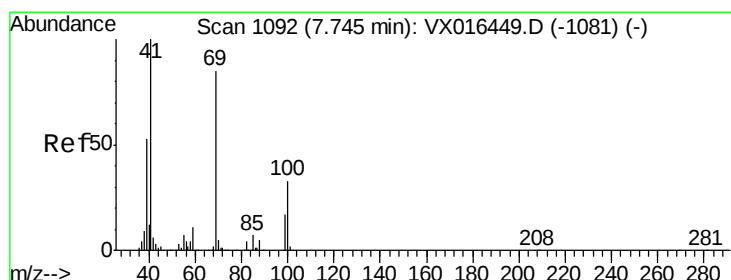
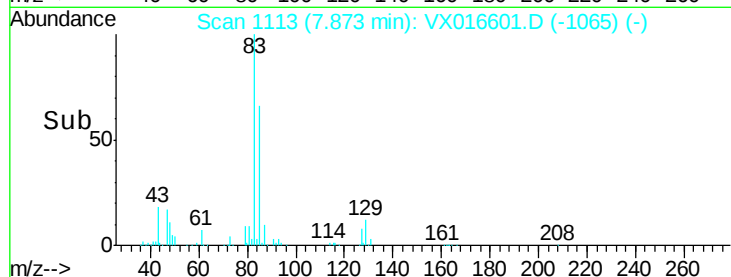
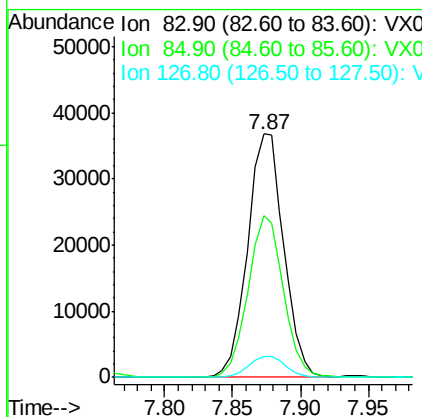
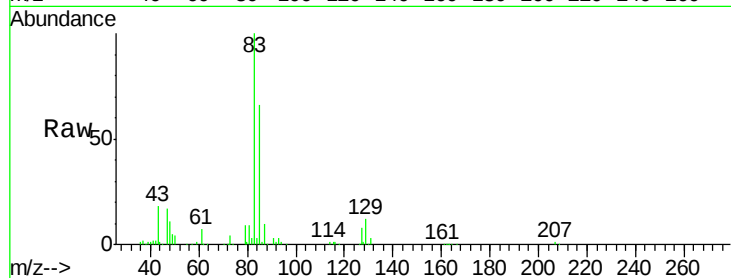
ClientSampleId :

VX0605WBSD01

Tot Ion:	83	Resp:	68681
Ion Ratio	Lower	Upper	
83	100		
85	66.2	52.0	78.0
127	8.5	7.4	11.0

Manual Integrations
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6/8/2020 4:55:41 PM



#48

Methyl methacrylate

Concen: 17.479 ug/l

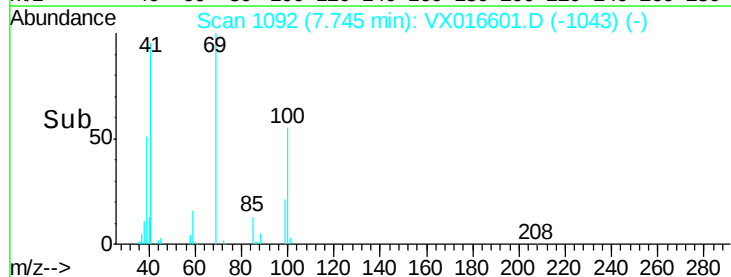
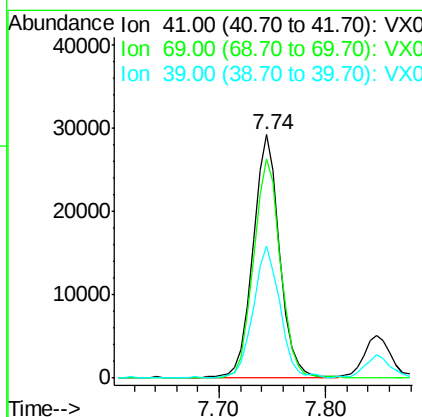
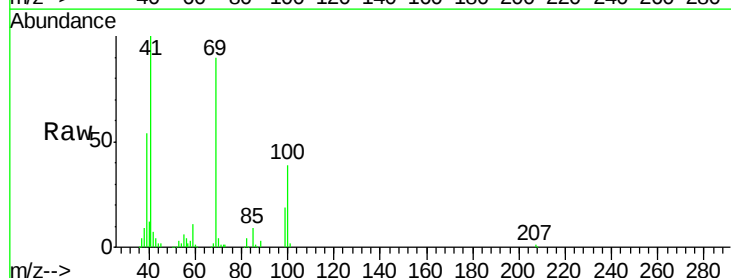
RT: 7.74 min Scan# 1092

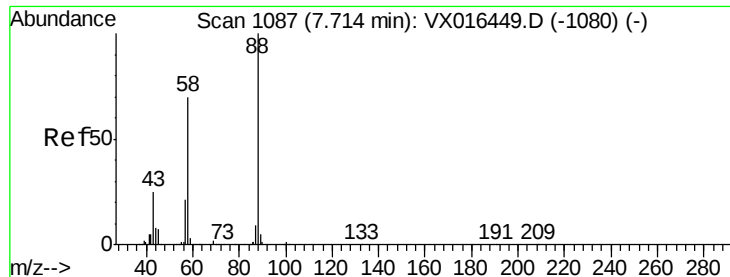
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	41	Resp:	51464
Ion Ratio	Lower	Upper	
41	100		
69	90.9	68.6	102.8
39	53.8	42.4	63.6





#49

1,4-Dioxane

Concen: 371.896 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

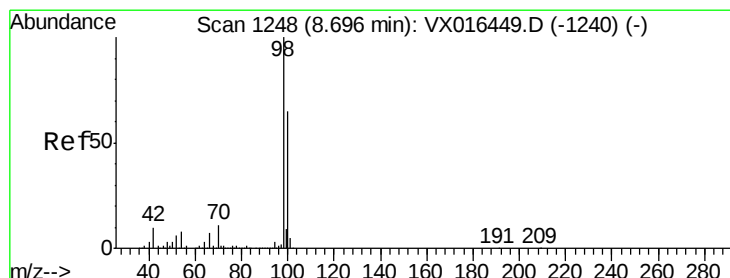
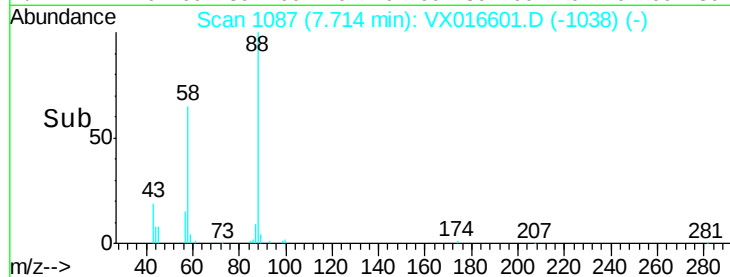
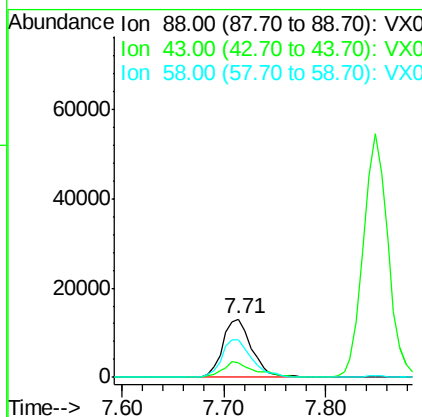
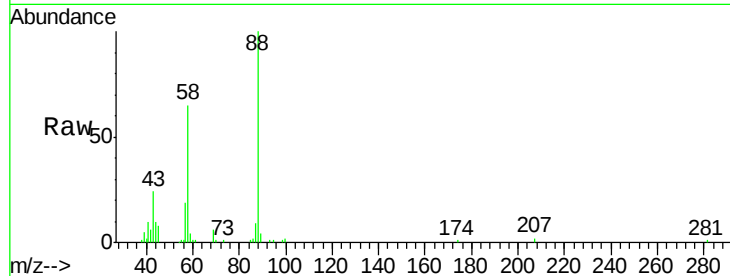
ClientSampleId :

VX0605WBSD01

Tot Ion:	88	Resp:	25626
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	68.0	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 50.872 ug/l

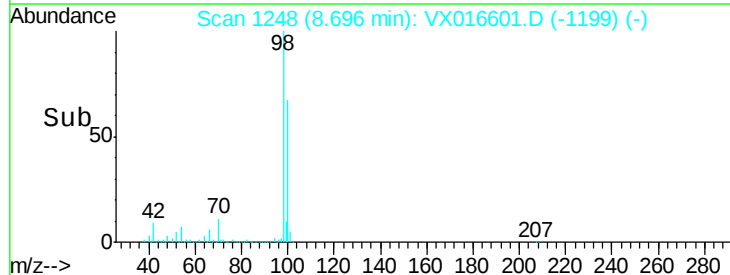
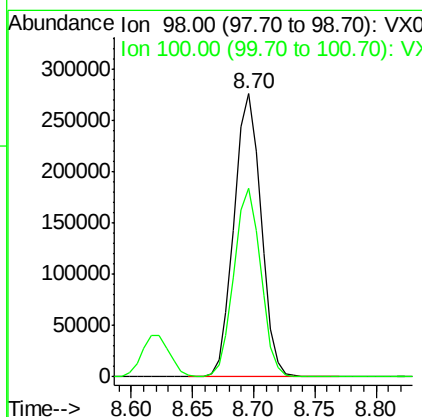
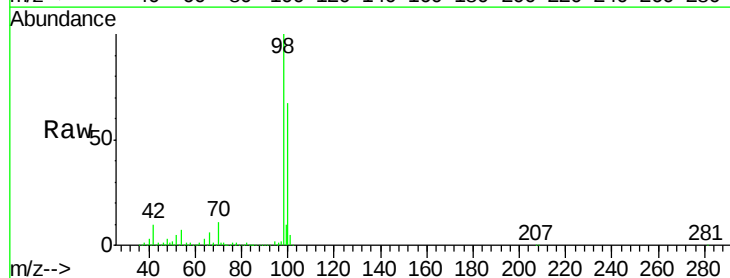
RT: 8.70 min Scan# 1248

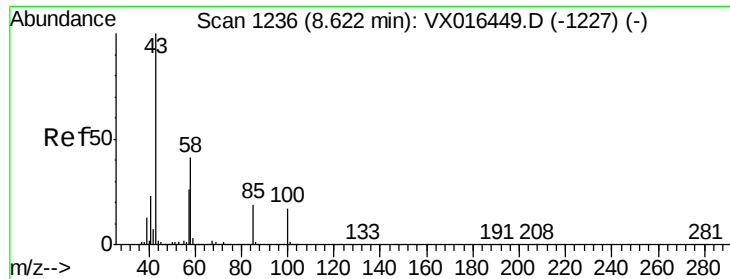
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	98	Resp:	422850
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 90.529 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 43 Resp: 346642

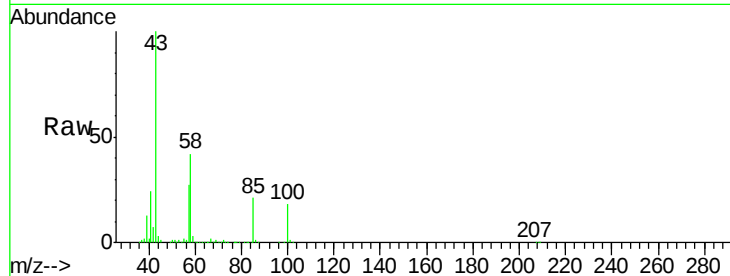
Ion Ratio Lower Upper

43 100

58 42.5 33.0 49.6

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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

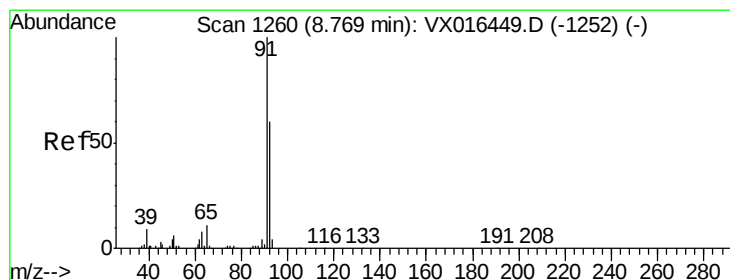
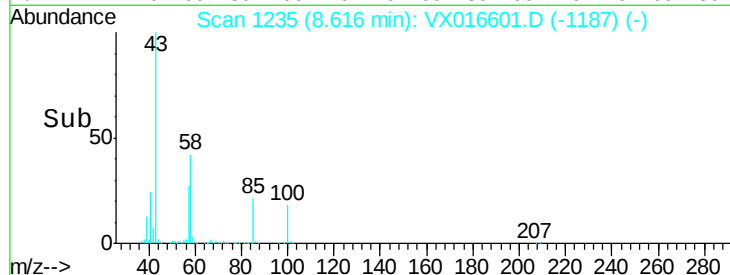
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.448 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016601.D

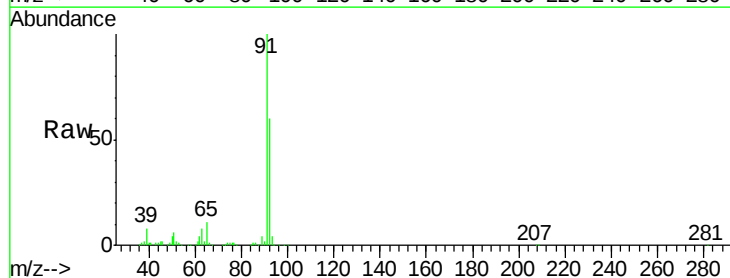
Acq: 05 Jun 2020 11:22

Tgt Ion: 92 Resp: 119927

Ion Ratio Lower Upper

92 100

91 167.1 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

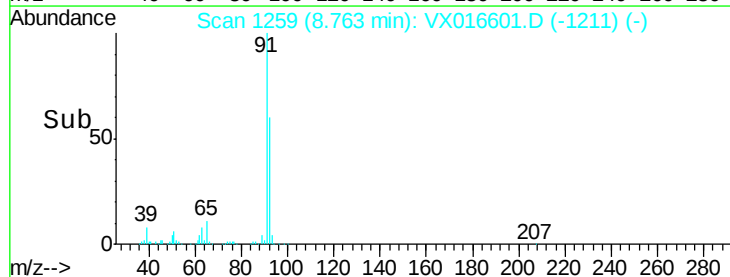
150000

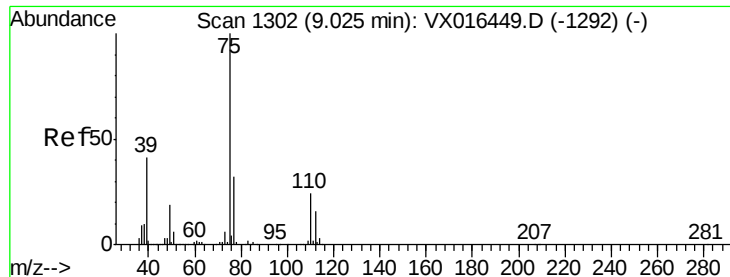
100000

50000

0

Time-->





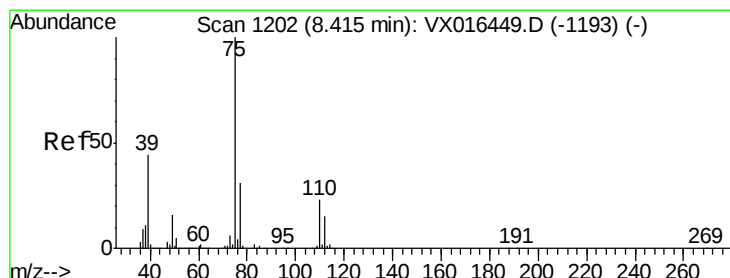
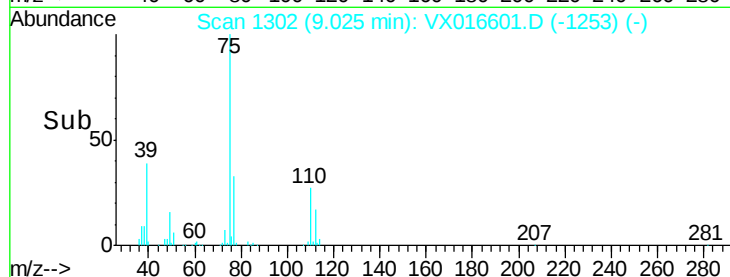
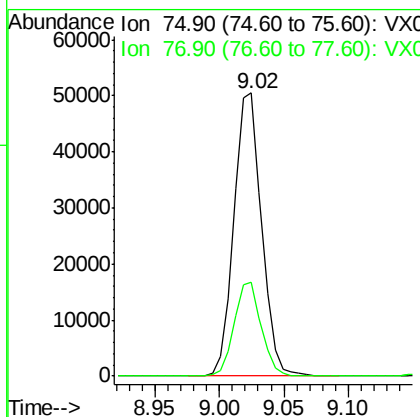
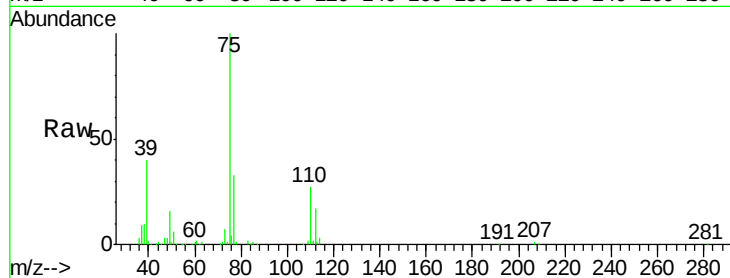
#53
t-1,3-Dichloropropene
Concen: 19.211 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.5	38.3

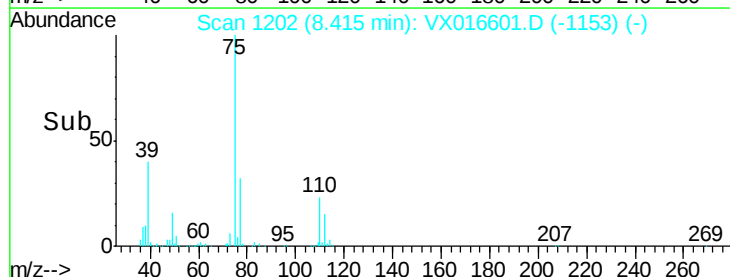
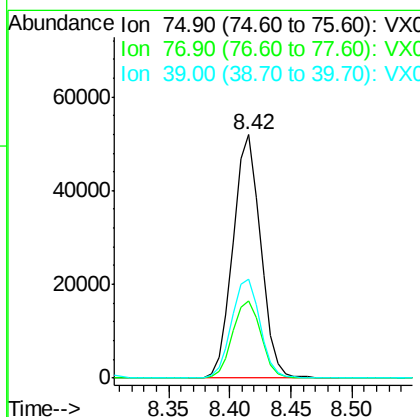
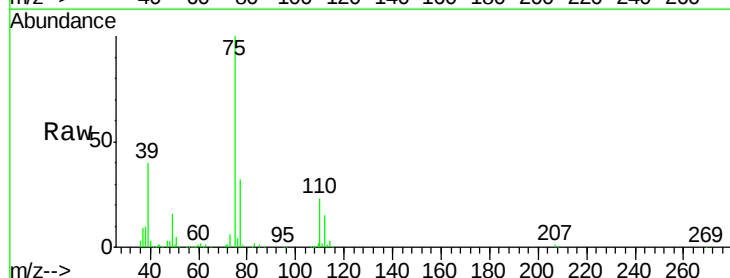
Manual Integrations
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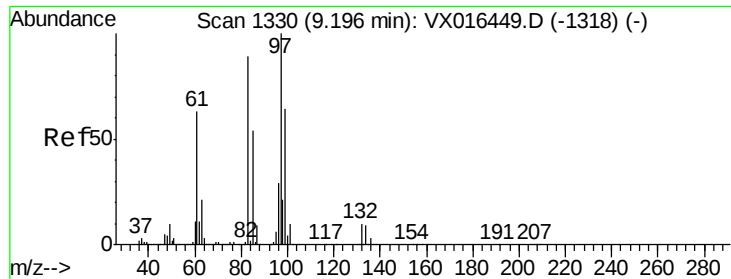
MMDadoda
6/8/2020 4:55:41 PM



#54
cis-1,3-Dichloropropene
Concen: 19.447 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	40.3	35.3	52.9





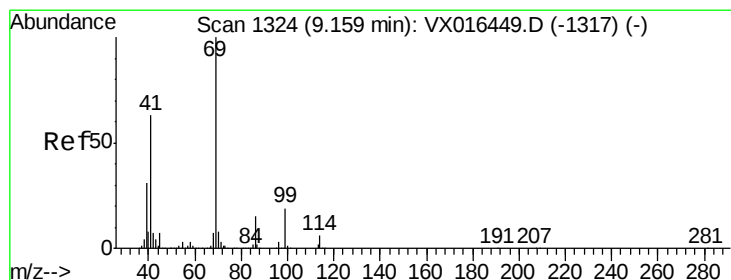
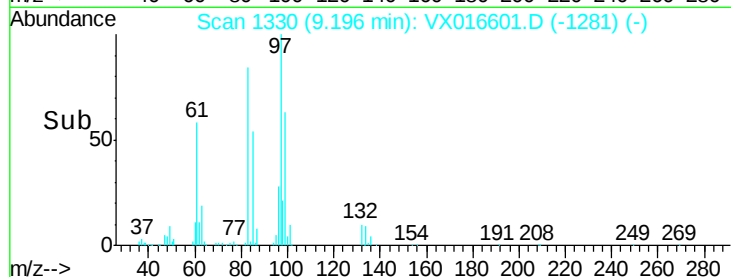
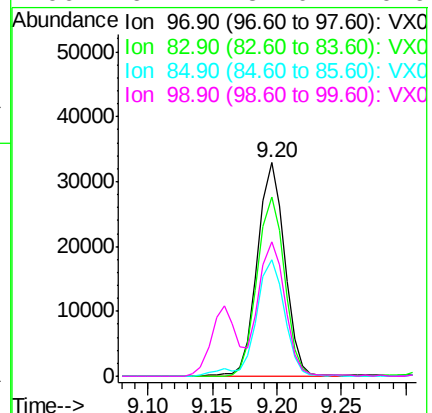
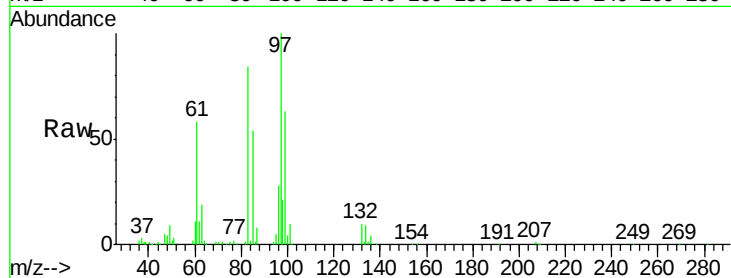
#55
 1,1,2-Trichloroethane
 Concen: 19.667 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		48221		
83	84.0	70.9	106.3		
85	54.3	43.4	65.2		
99	62.4	51.0	76.6		

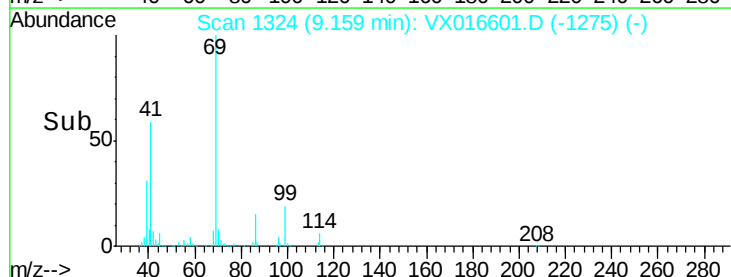
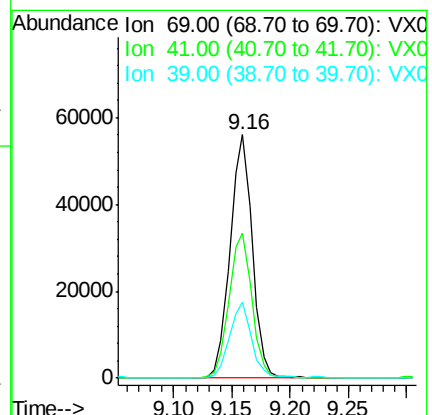
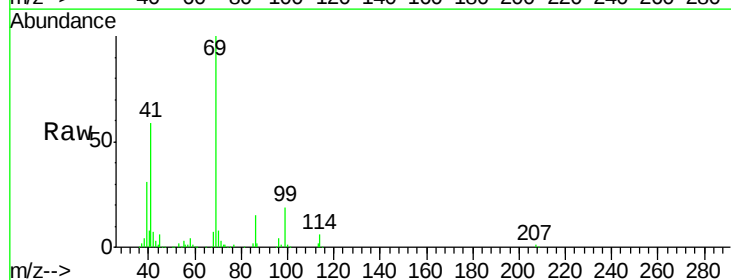
Manual Integrations
 APPROVED

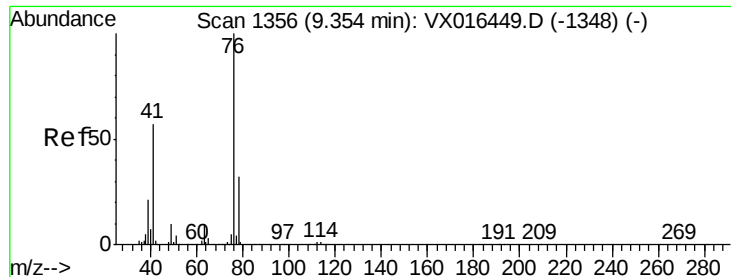
MMDadoda
 6/8/2020 4:55:41 PM



#56
 Ethyl methacrylate
 Concen: 18.594 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		74247		
41	61.2	50.7	76.1		
39	30.3	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 19.430 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 76 Resp: 81769

Ion Ratio Lower Upper

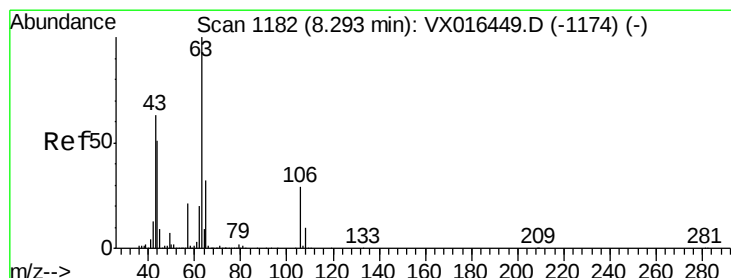
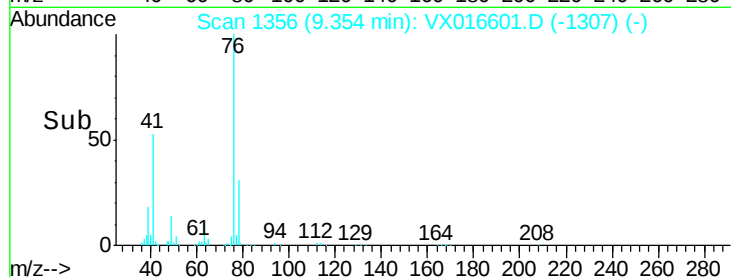
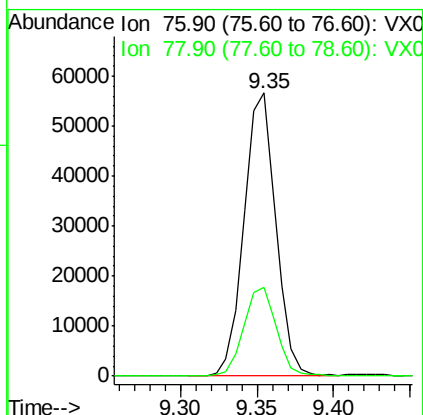
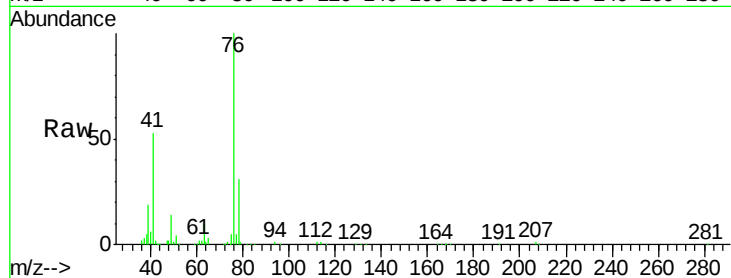
76 100

78 32.1 26.2 39.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 88.202 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016601.D

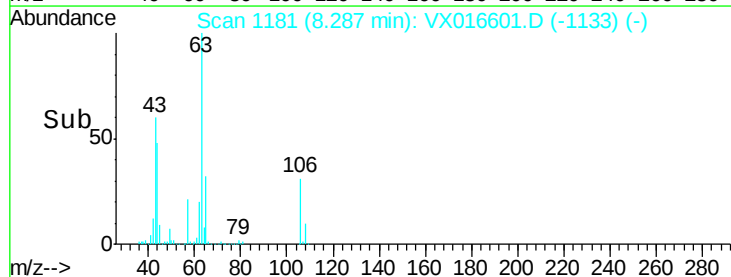
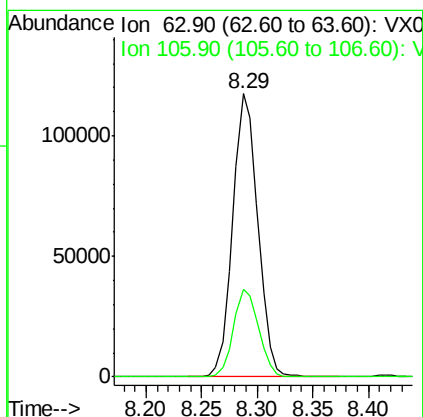
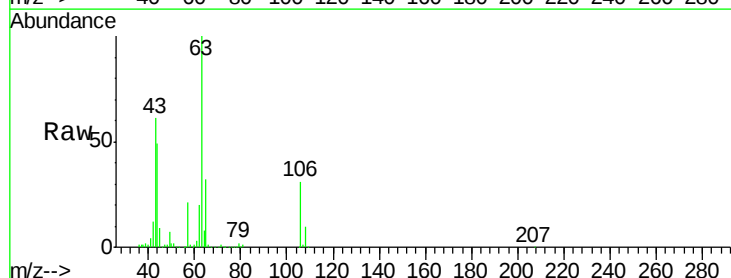
Acq: 05 Jun 2020 11:22

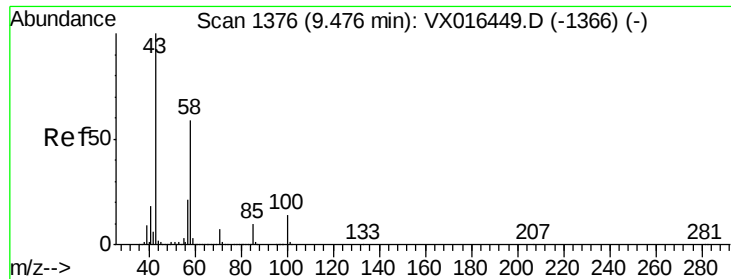
Tgt Ion: 63 Resp: 183834

Ion Ratio Lower Upper

63 100

106 31.0 23.2 34.8





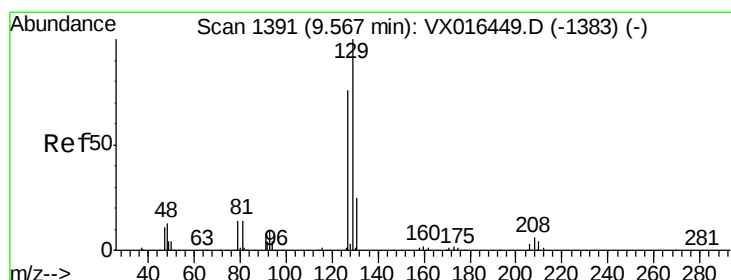
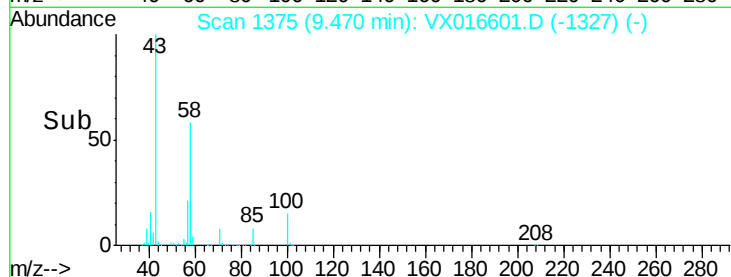
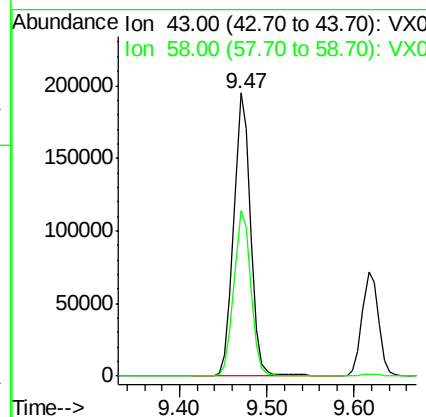
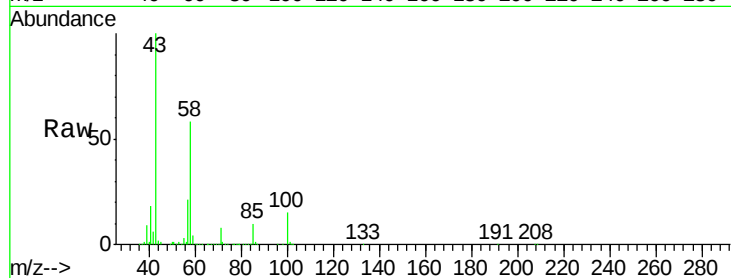
#59
2-Hexanone
Concen: 88.376 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion: 43 Resp: 263159
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.4

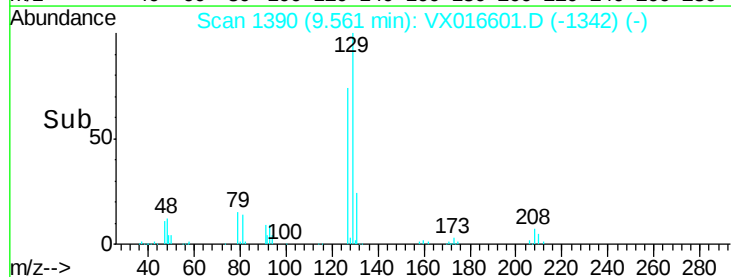
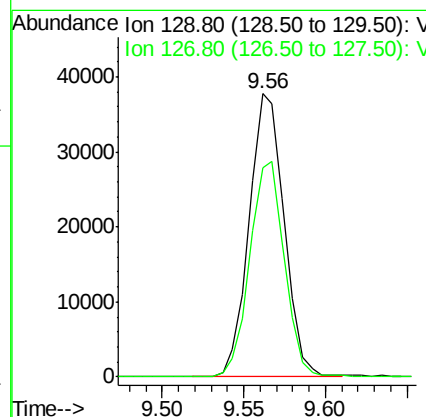
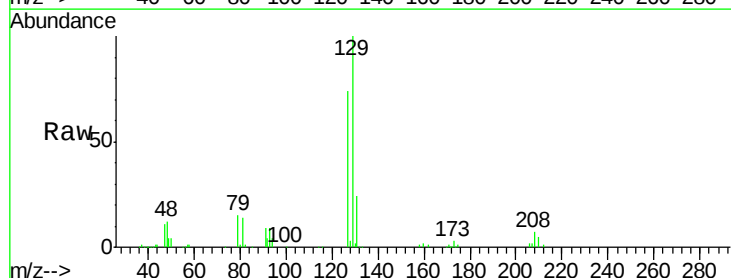
Manual Integrations
APPROVED

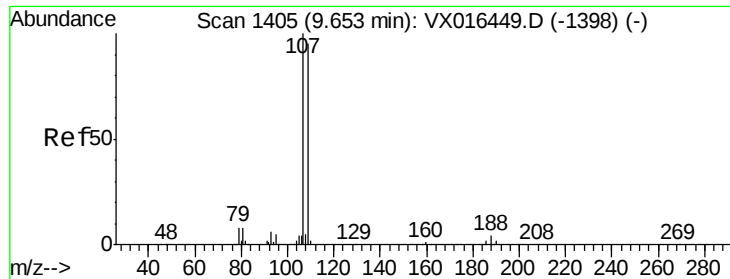
MMDadoda
6/8/2020 4:55:41 PM



#60
Dibromochloromethane
Concen: 20.452 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion: 129 Resp: 56431
Ion Ratio Lower Upper
129 100
127 75.4 38.6 116.0





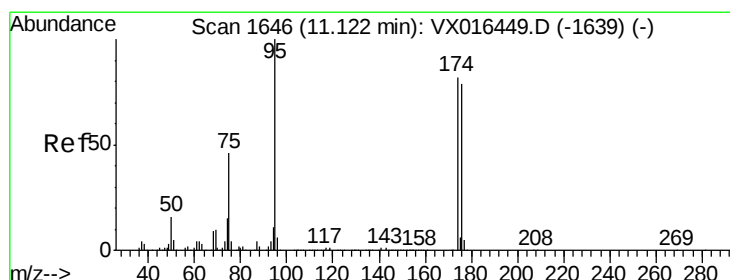
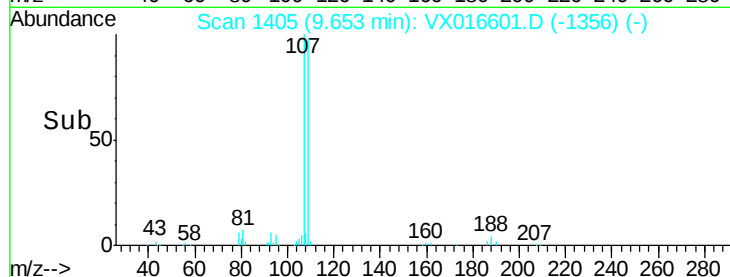
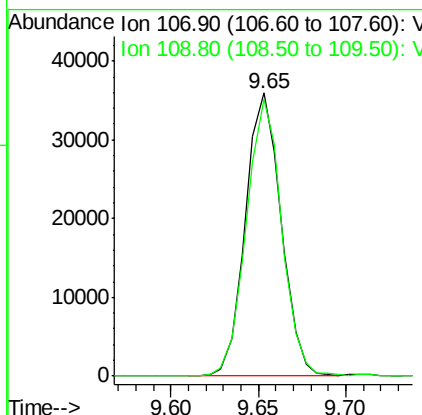
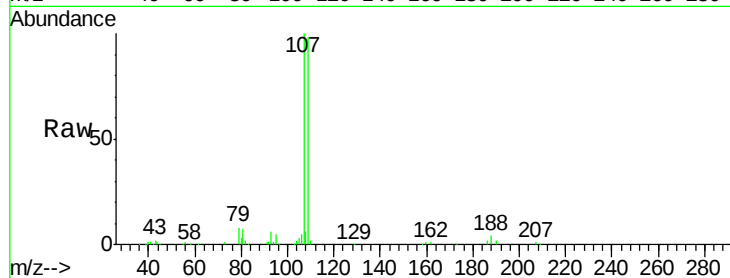
#61
 1,2-Dibromoethane
 Concen: 19.421 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	98.1	75.5	113.3

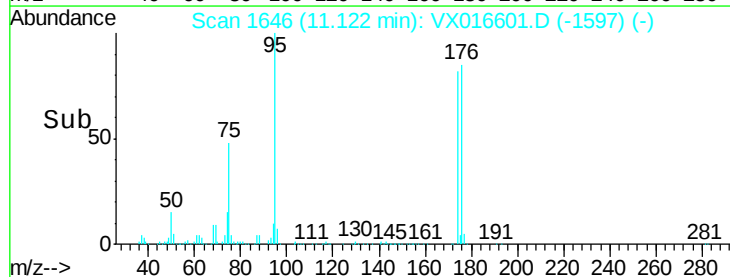
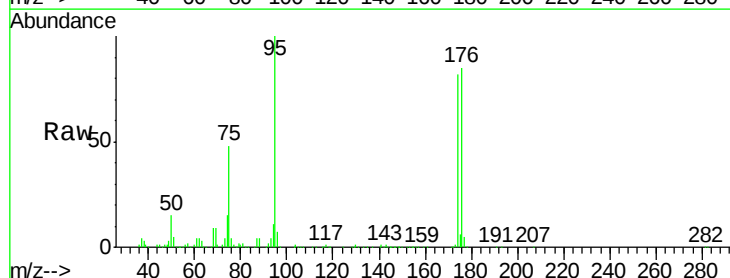
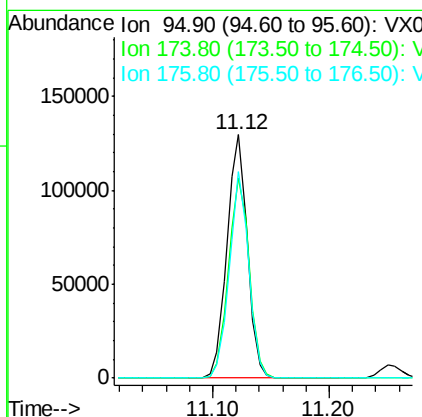
Manual Integrations
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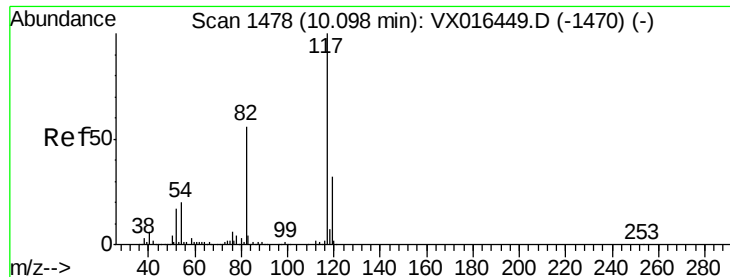
MMDadoda
 6/8/2020 4:55:41 PM



#62
 4-Bromofluorobenzene
 Concen: 49.030 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	163.0
176	81.0	0.0	156.8





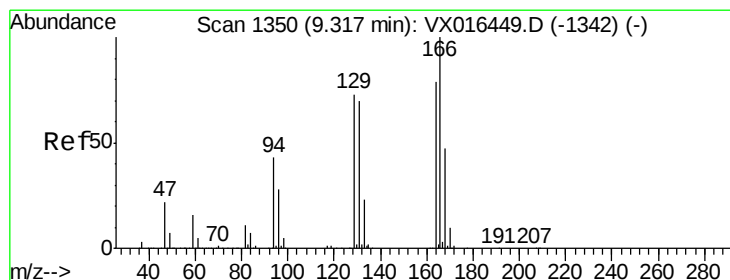
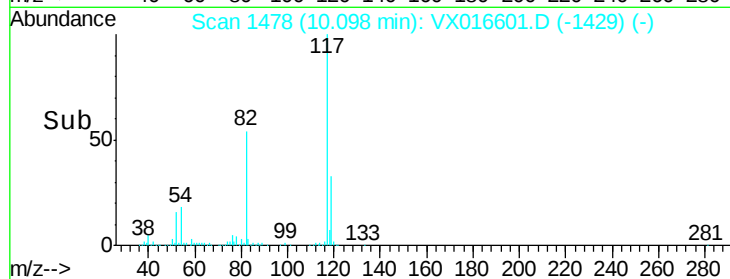
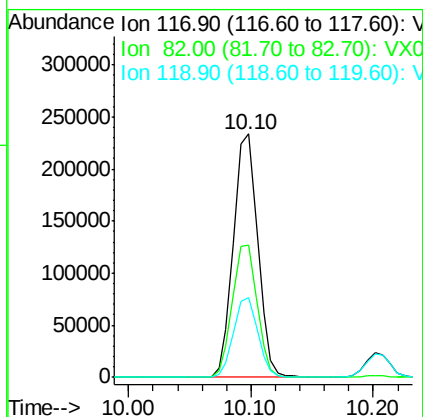
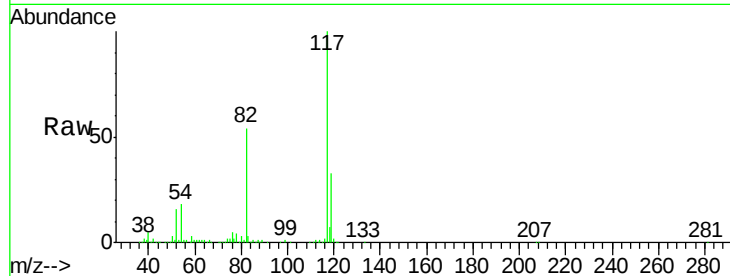
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.6
119	32.9	25.8	38.8

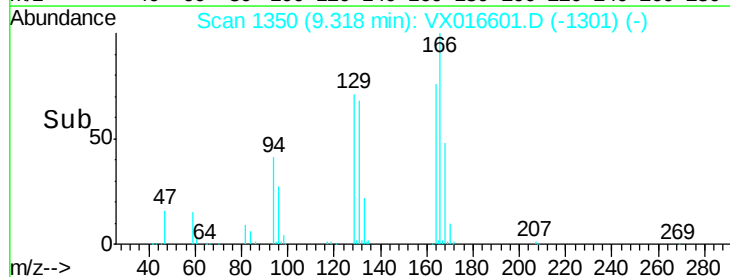
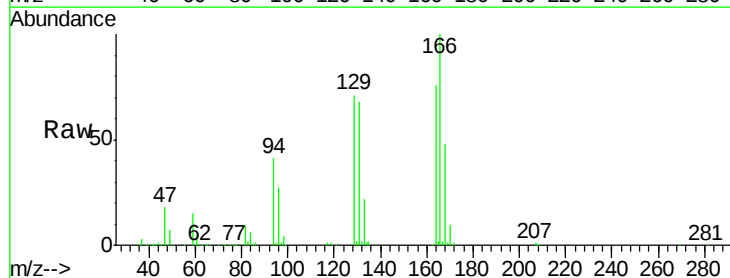
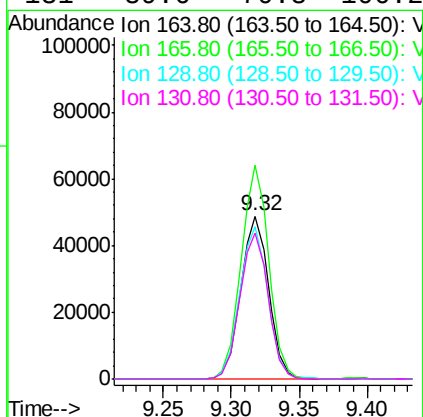
Manual Integrations
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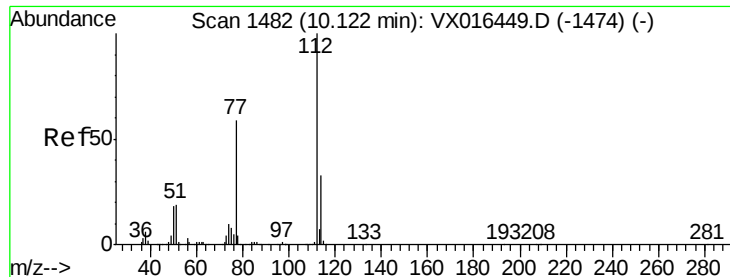
MMDadoda
6/8/2020 4:55:41 PM



#64
Tetrachloroethene
Concen: 19.377 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	100.9	151.3
129	93.6	73.2	109.8
131	89.6	70.8	106.2





#65

Chlorobenzene

Concen: 19.511 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:112 Resp: 128174

Ion Ratio Lower Upper

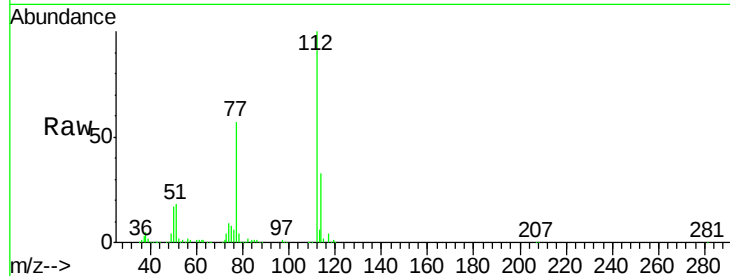
112 100

114 32.8 26.0 39.0

Manual Integrations
APPROVED

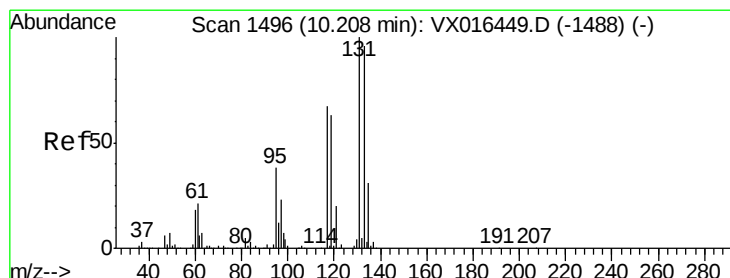
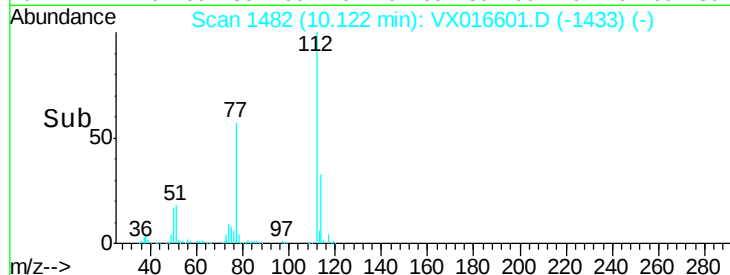
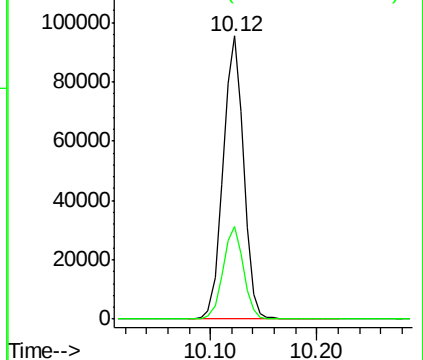
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.540 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

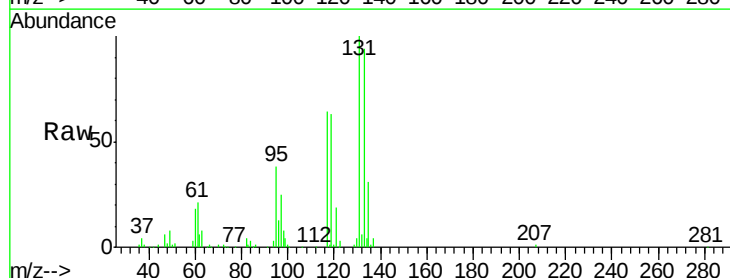
Tgt Ion:131 Resp: 51509

Ion Ratio Lower Upper

131 100

133 95.6 48.4 145.3

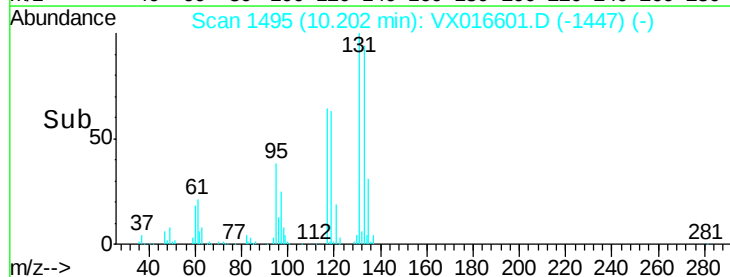
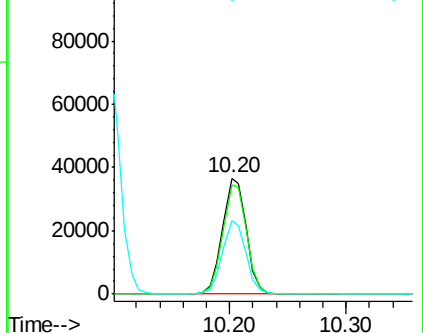
119 63.0 32.0 96.2

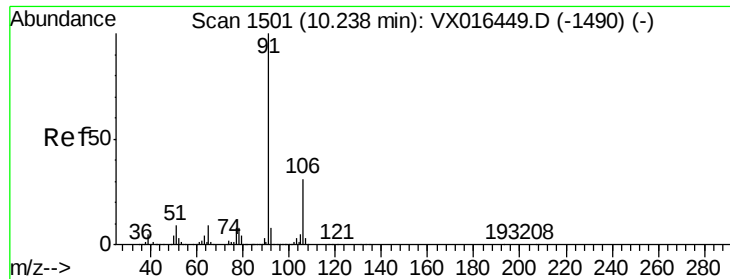


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





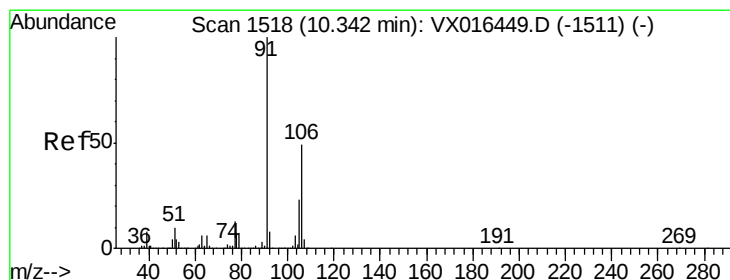
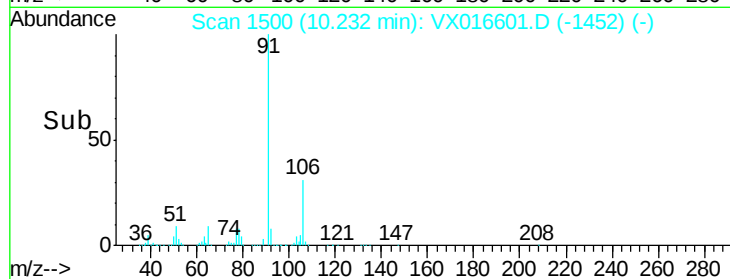
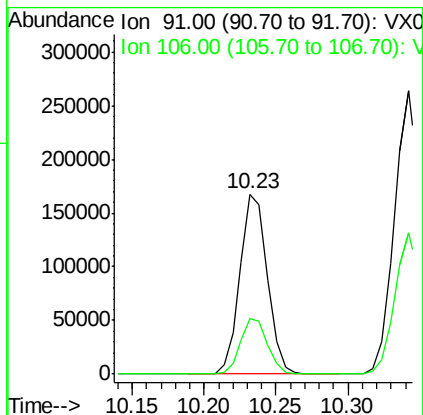
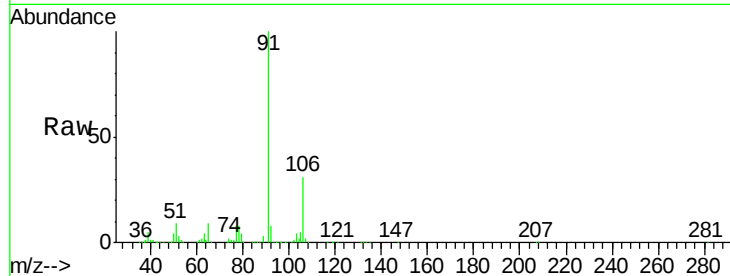
#67
Ethyl Benzene
Concen: 18.971 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion: 91 Resp: 221884
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

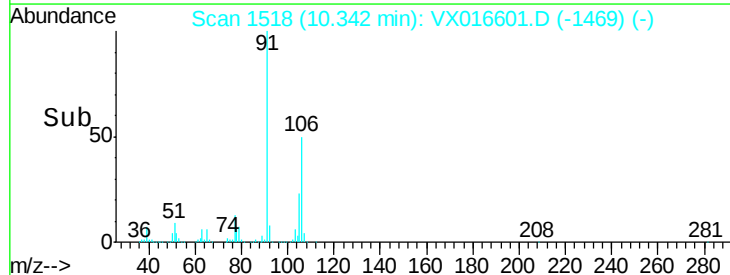
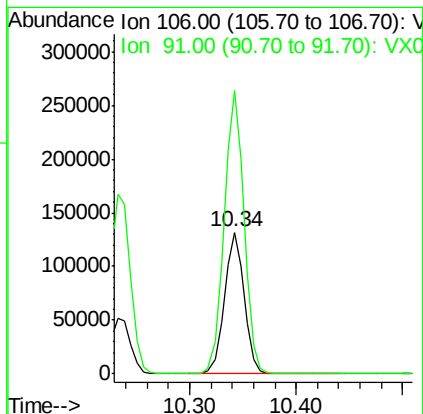
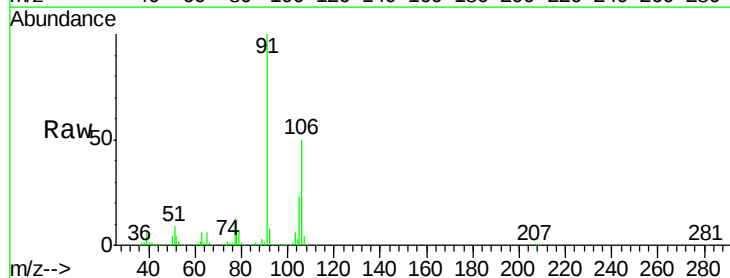
Manual Integrations
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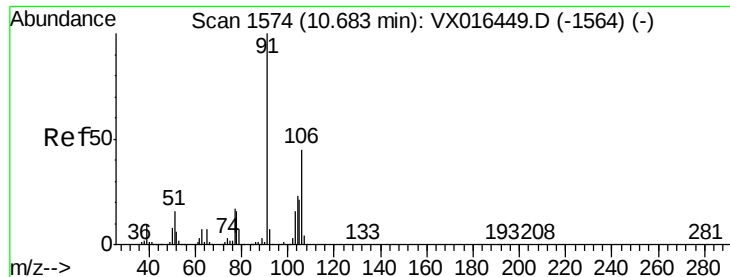
MMDadoda
6/8/2020 4:55:41 PM



#68
m/p-Xylenes
Concen: 39.389 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion: 106 Resp: 170814
Ion Ratio Lower Upper
106 100
91 201.0 163.8 245.8





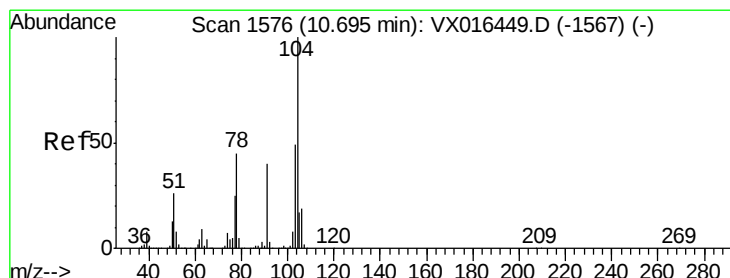
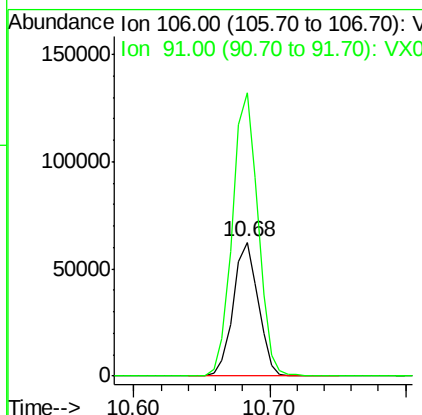
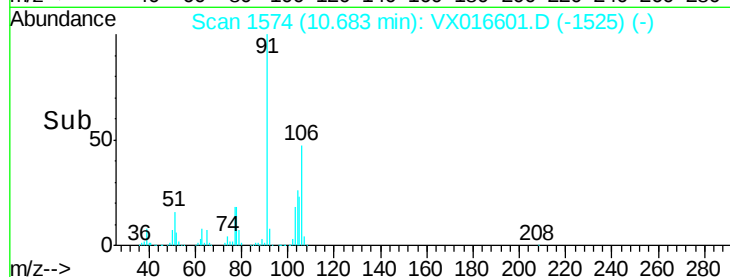
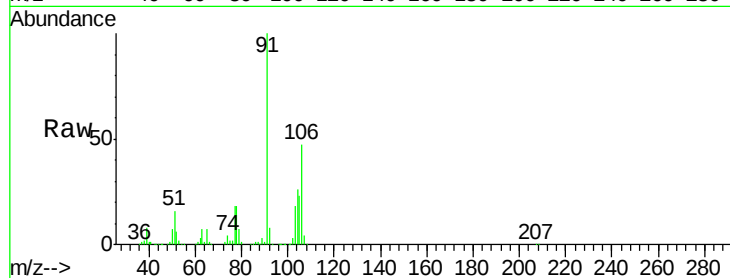
#69
o-Xylene
Concen: 19.116 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion:106 Resp: 80282
Ion Ratio Lower Upper
106 100
91 215.8 109.6 328.8

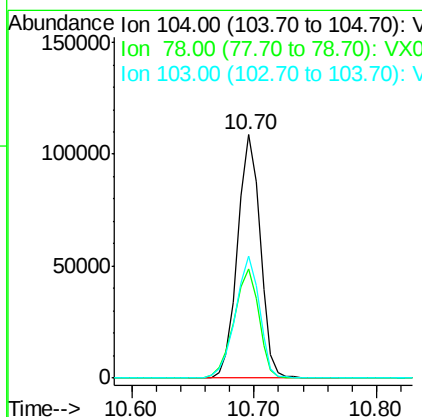
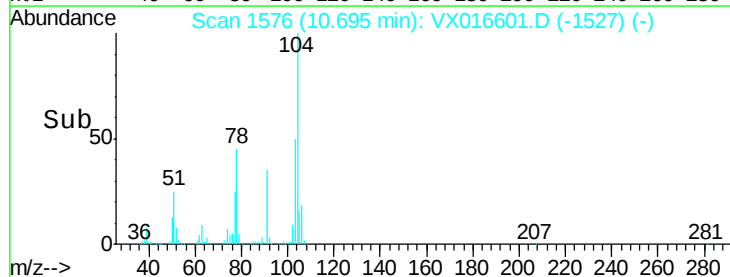
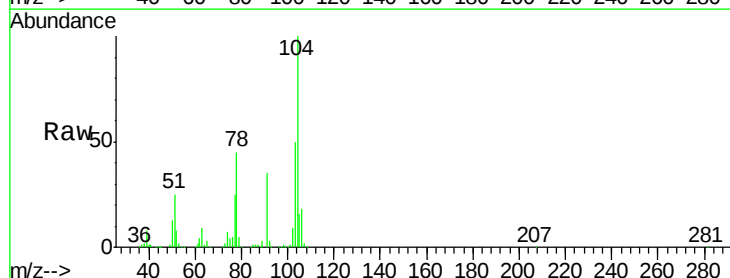
Manual Integrations
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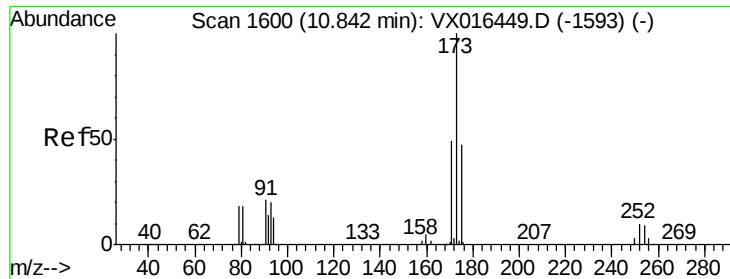
MMDadoda
6/8/2020 4:55:41 PM



#70
Styrene
Concen: 19.302 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion:104 Resp: 139338
Ion Ratio Lower Upper
104 100
78 49.3 40.2 60.2
103 53.3 43.1 64.7





#71

Bromoform

Concen: 20.066 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:173 Resp: 42527

Ion Ratio Lower Upper

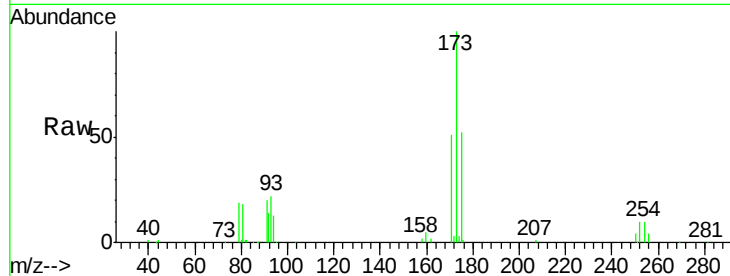
173 100

175 49.1 23.9 71.7

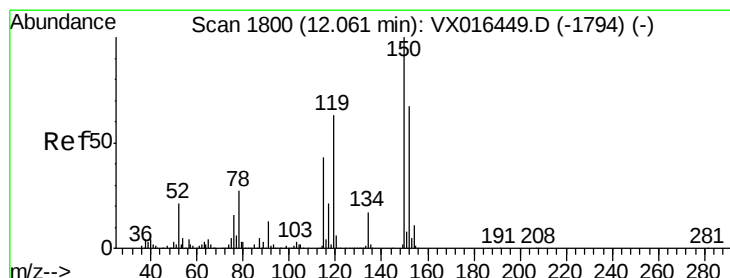
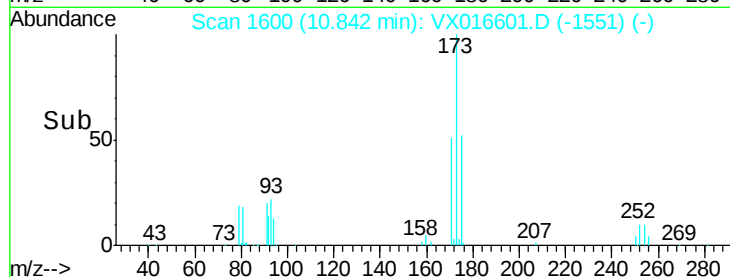
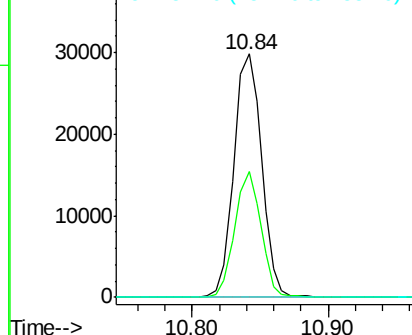
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

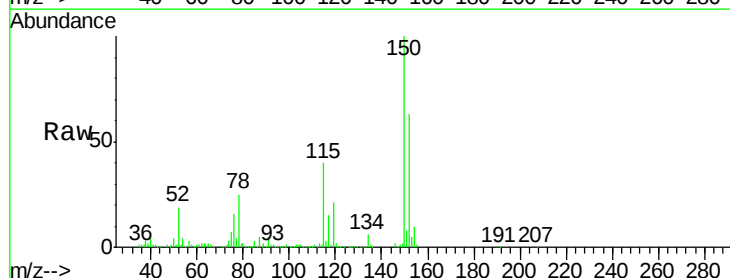
Tgt Ion:152 Resp: 160010

Ion Ratio Lower Upper

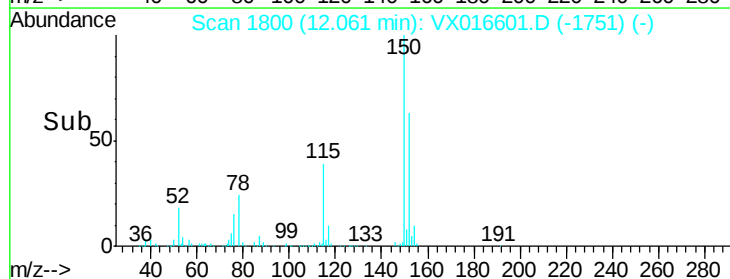
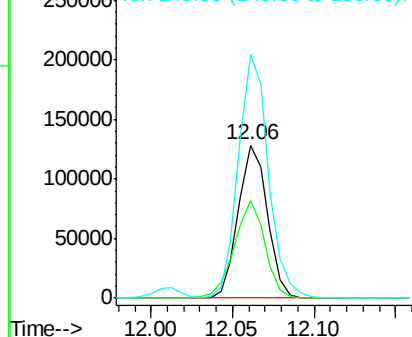
152 100

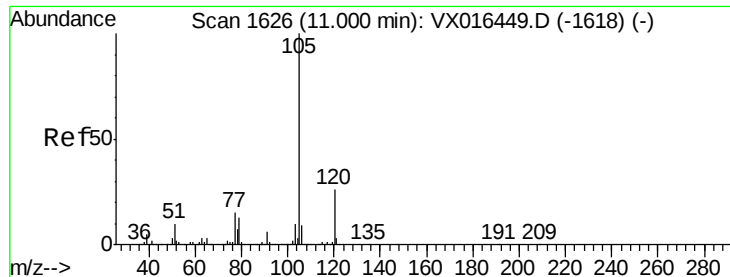
115 66.8 39.9 119.6

150 164.2 0.0 341.0



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





#73

Isopropylbenzene

Concen: 19.446 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 105 Resp: 21597

Ion Ratio Lower Upper

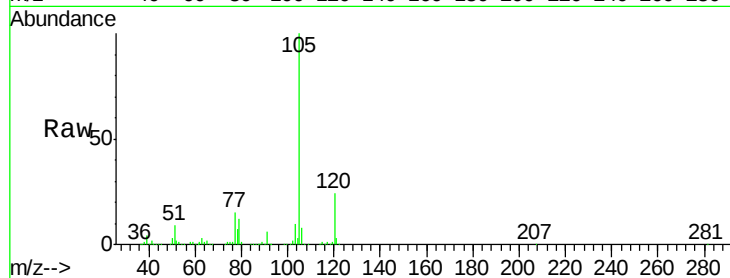
105 100

120 25.4 13.1 39.3

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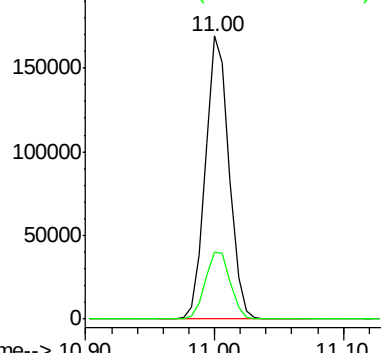
MMDadoda

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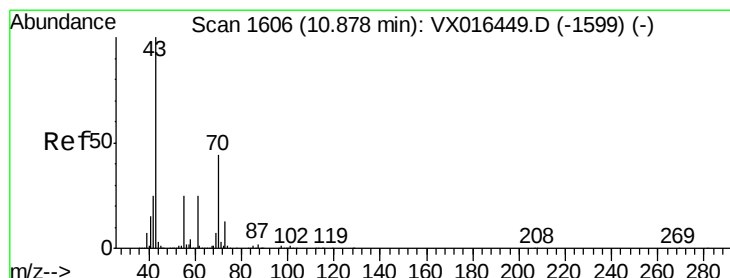
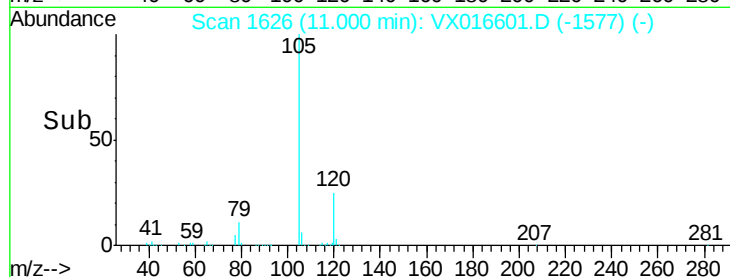


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.260 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion: 43 Resp: 88021

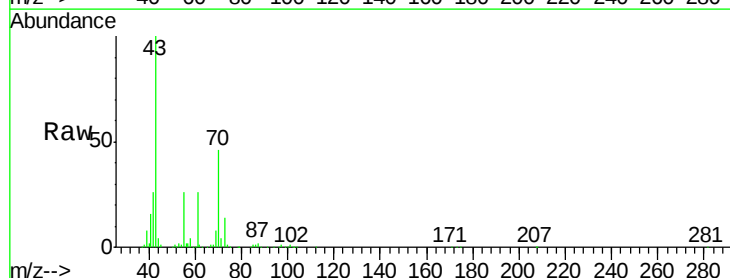
Ion Ratio Lower Upper

43 100

70 47.2 36.1 54.1

55 26.8 20.2 30.4

61 26.5 20.3 30.5

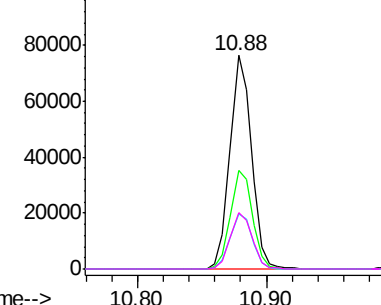


Abundance Ion 43.00 (42.70 to 43.70): VX0

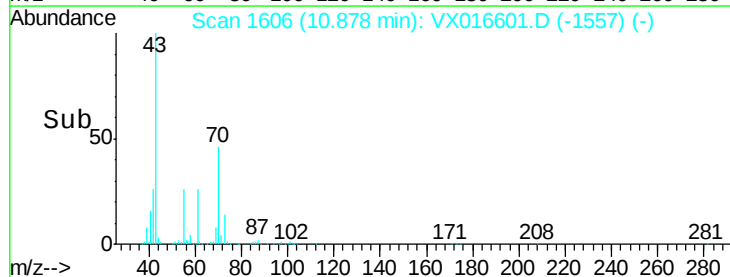
Ion 70.00 (69.70 to 70.70): VX0

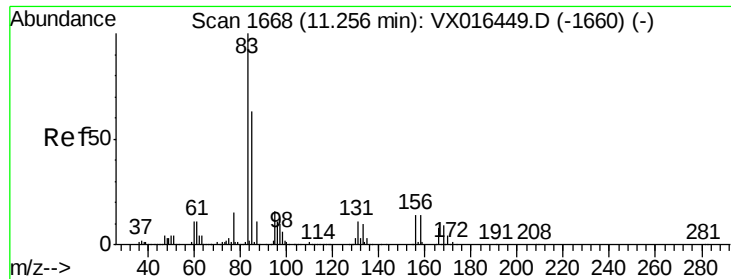
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 19.406 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

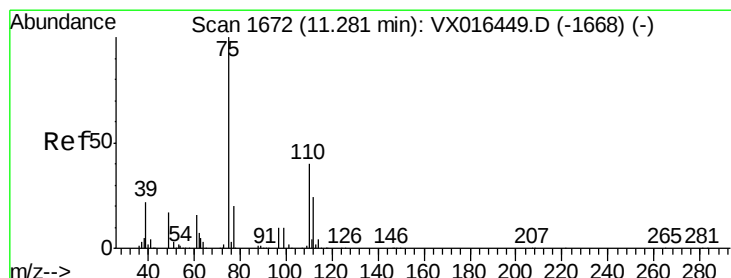
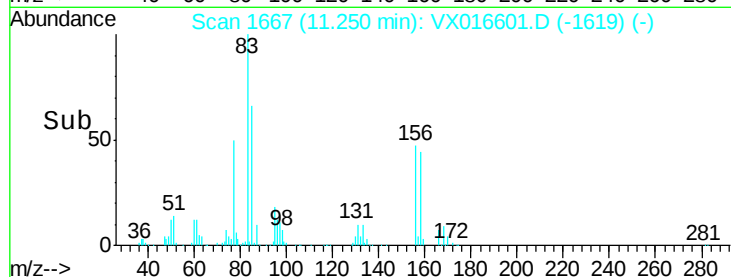
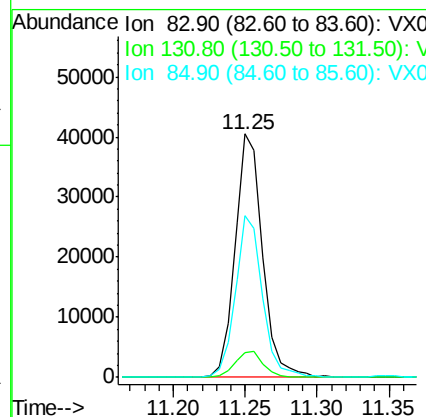
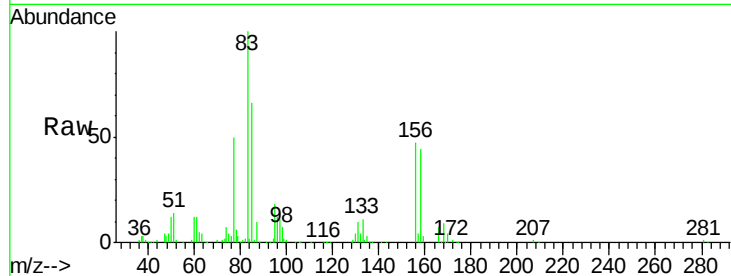
ClientSampleId :

VX0605WBSD01

Tot Ion:	83	Resp:	53922
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.1	15.3
85	65.9	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.943 ug/l m

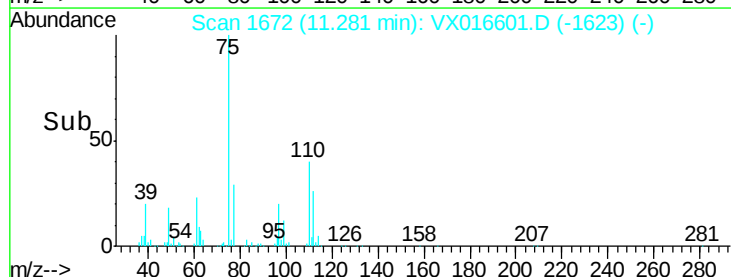
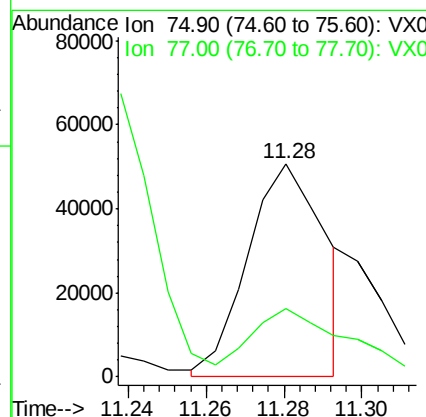
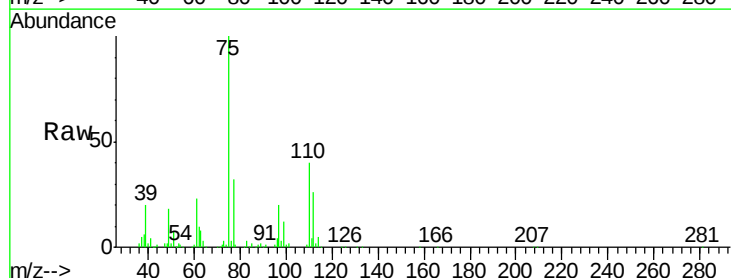
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	75	Resp:	70142
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.3	63.7





#77

Bromobenzene

Concen: 19.721 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion:156 Resp: 57345

Ion Ratio Lower Upper

156 100

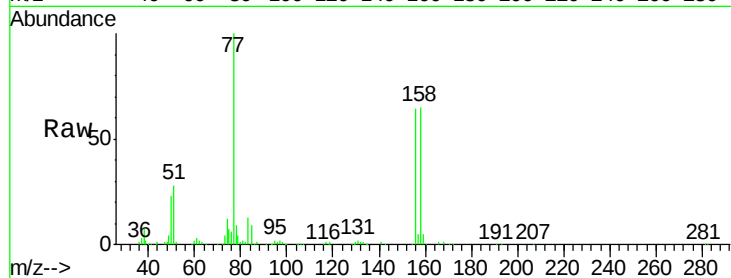
77 151.0 79.6 238.8

158 98.4 48.1 144.4

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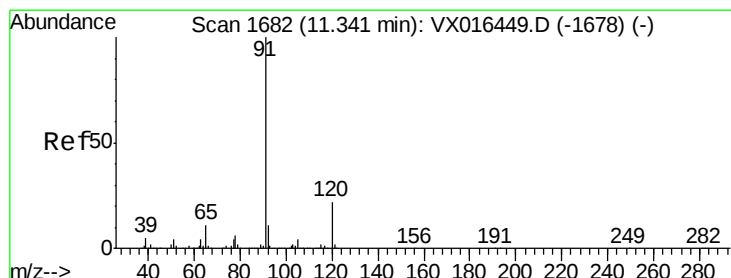
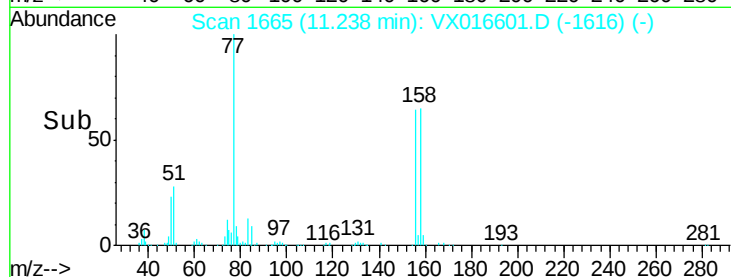
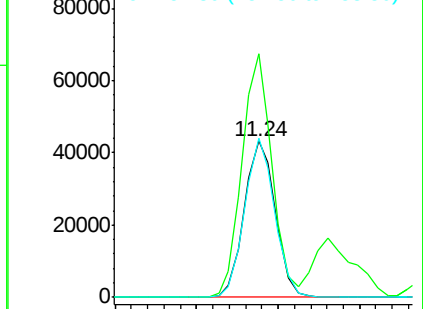
6/8/2020 4:55:41 PM



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: 19.371 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016601.D

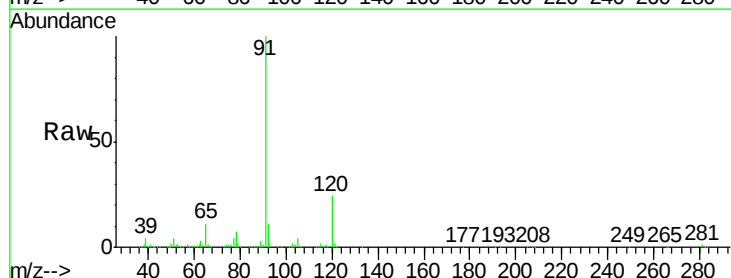
Acq: 05 Jun 2020 11:22

Tgt Ion: 91 Resp: 239937

Ion Ratio Lower Upper

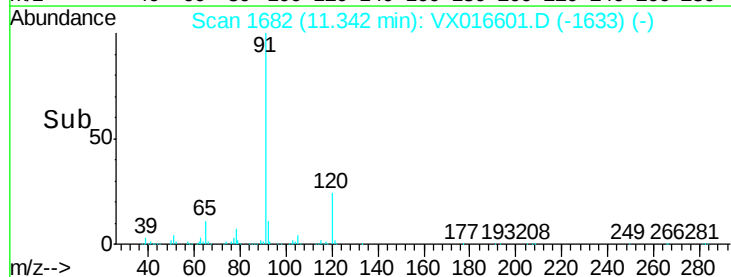
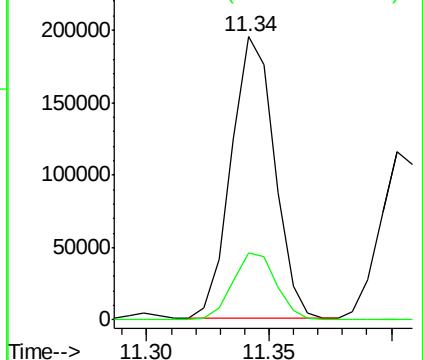
91 100

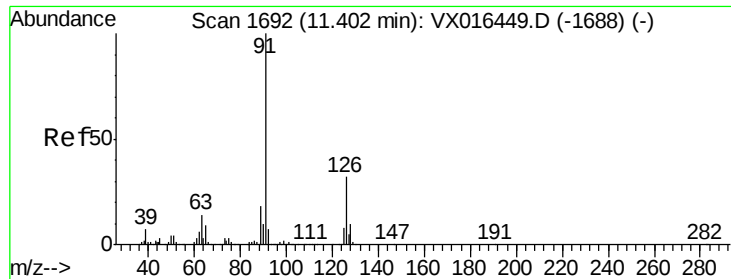
120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.423 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0605WBSD01

Tot Ion: 91 Resp: 146848

Ion Ratio Lower Upper

91 100

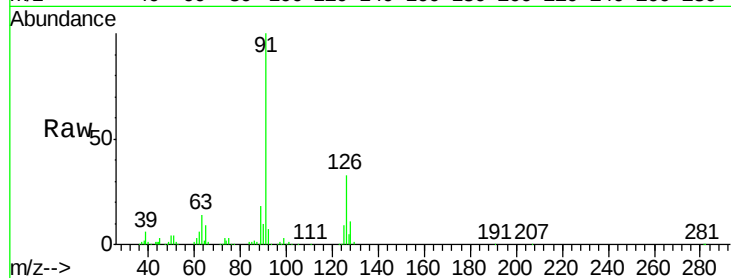
126 34.6 16.8 50.3

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

200000

150000

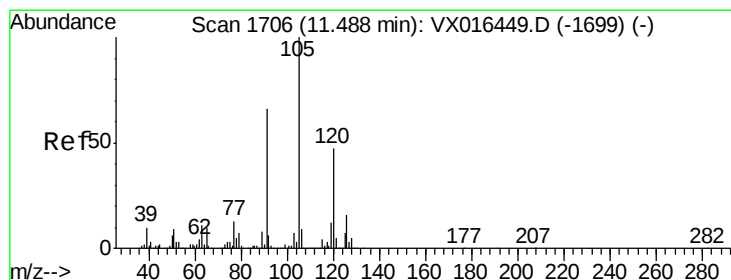
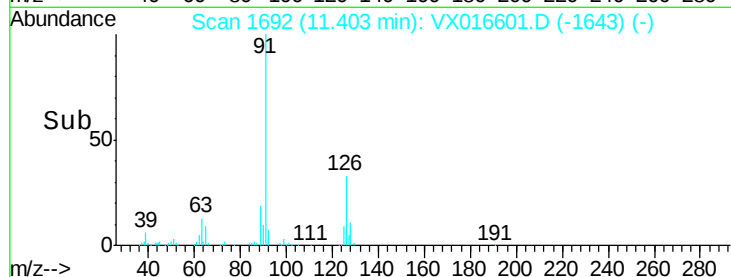
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.938 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016601.D

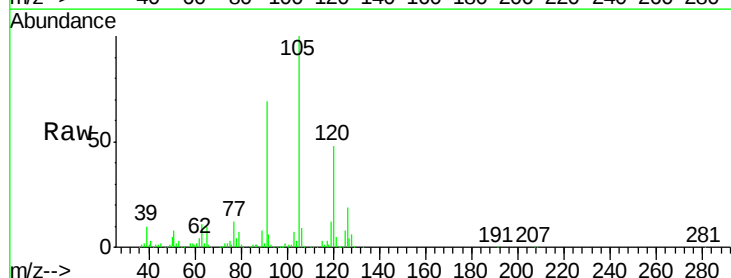
Acq: 05 Jun 2020 11:22

Tgt Ion: 105 Resp: 184575

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

150000

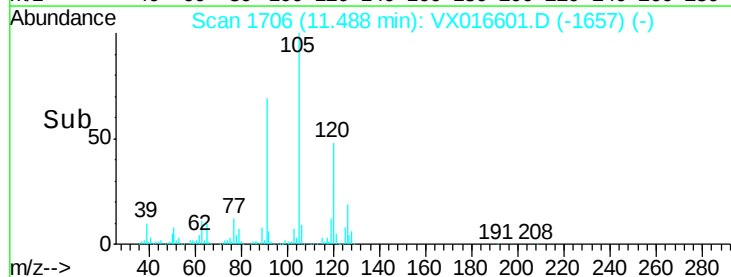
100000

50000

0

11.40 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.119 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Instrument :

MSVOA_X

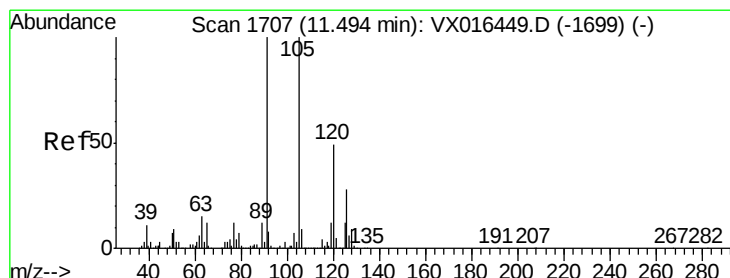
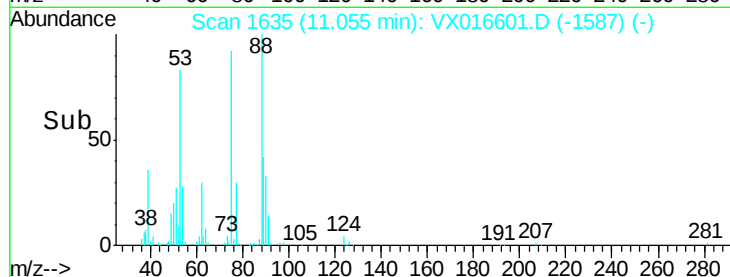
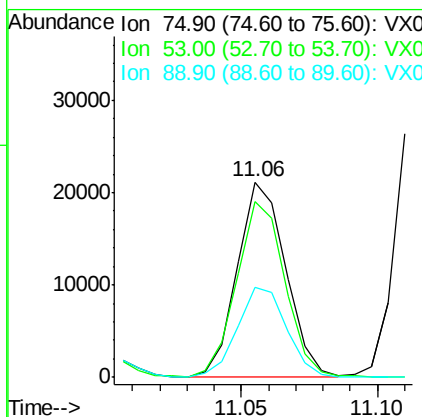
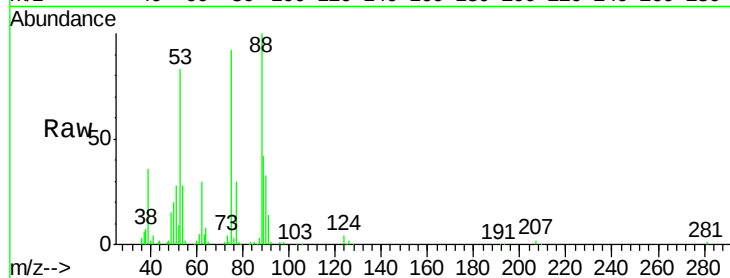
ClientSampled :

VX0605WBSD01

Tot Ion:	75	Resp:	25907
Ion	Ratio	Lower	Upper
75	100		
53	90.3	71.3	106.9
89	47.4	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.347 ug/l

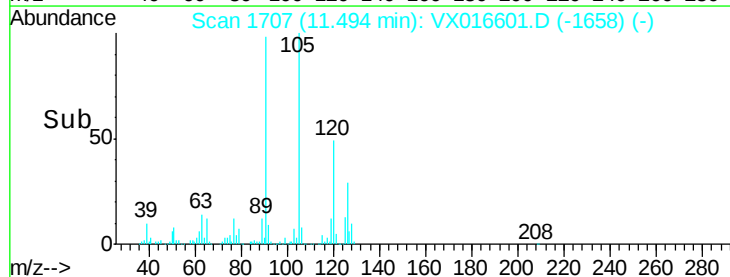
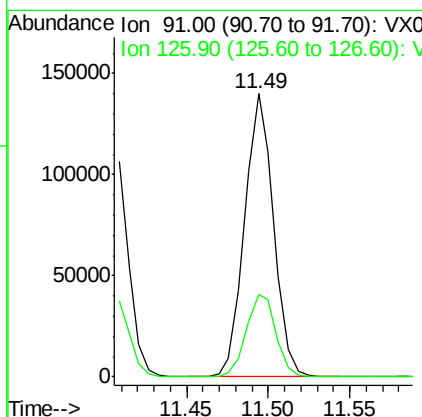
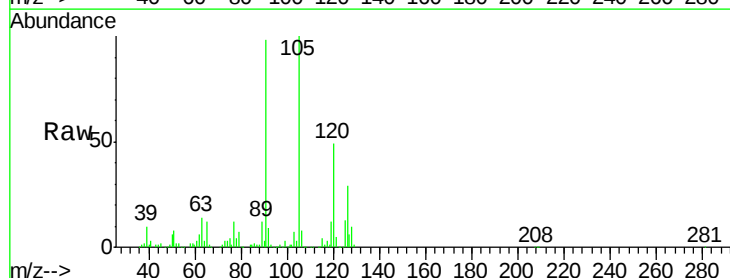
RT: 11.49 min Scan# 1707

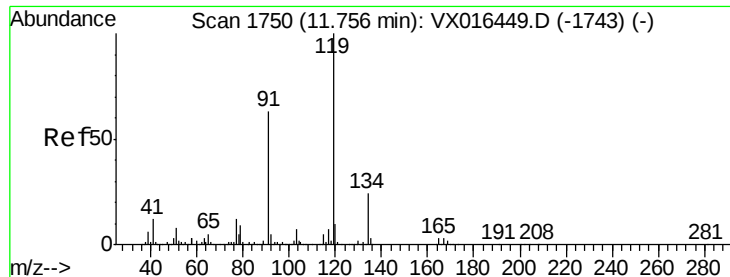
Delta R.T. 0.00 min

Lab File: VX016601.D

Acq: 05 Jun 2020 11:22

Tgt Ion:	91	Resp:	172733
Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.7	44.1





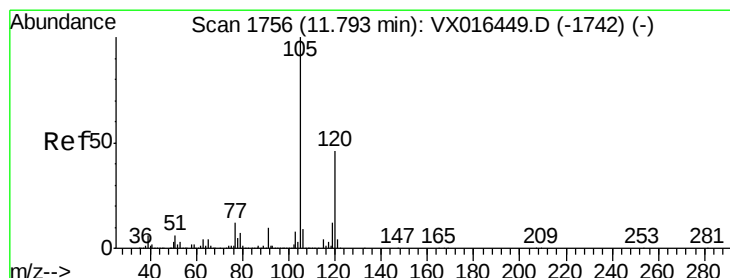
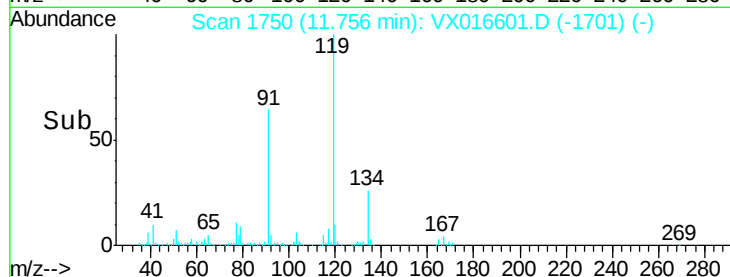
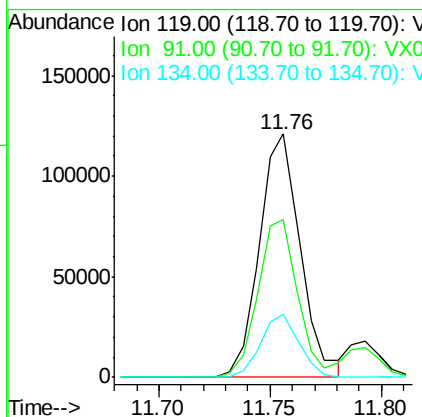
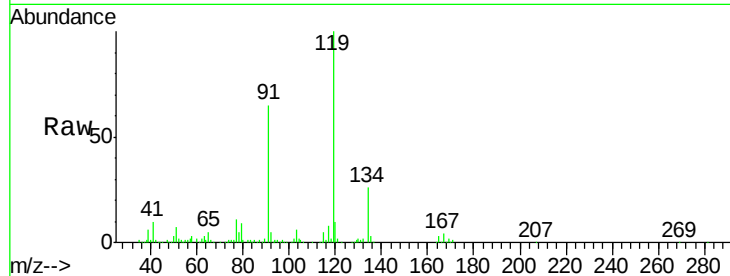
#83
 tert-Butylbenzene
 Concen: 19.571 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154808		
91	62.5	31.3	93.8	
134	24.4	12.0	36.0	

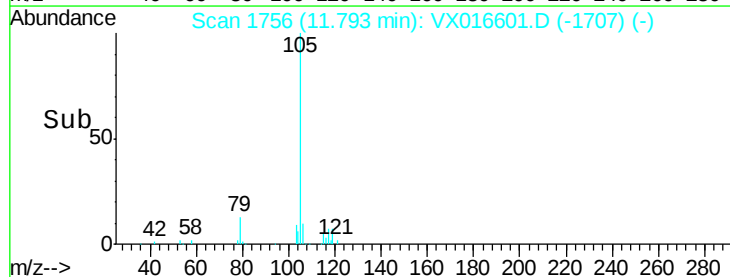
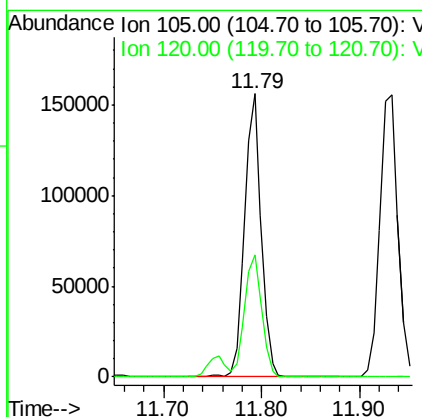
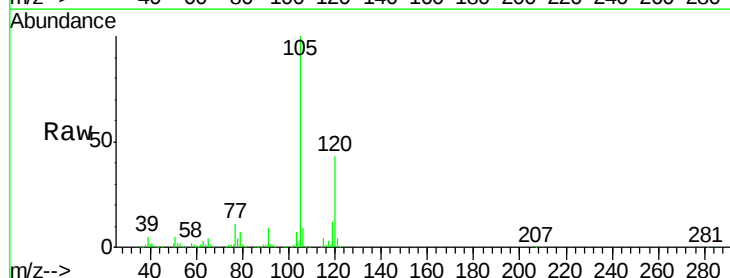
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.665 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184103		
120	44.6	22.6	67.7	





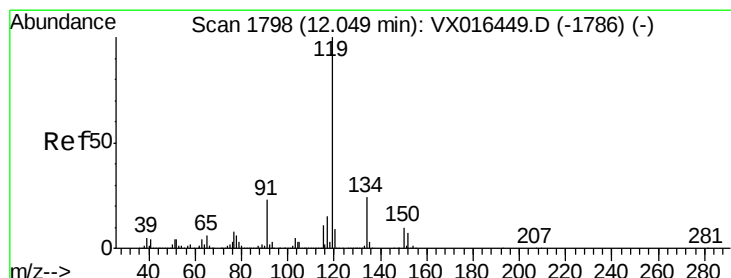
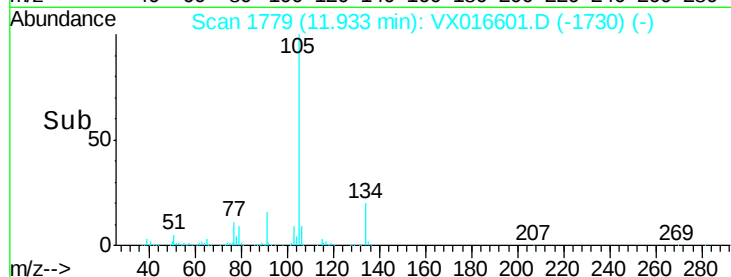
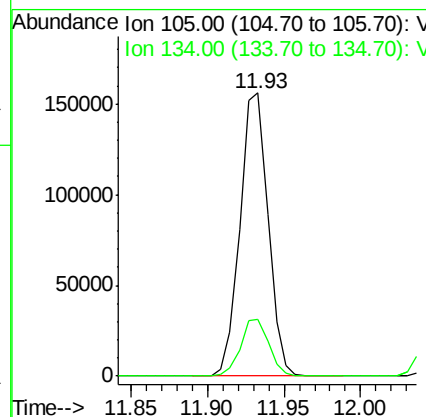
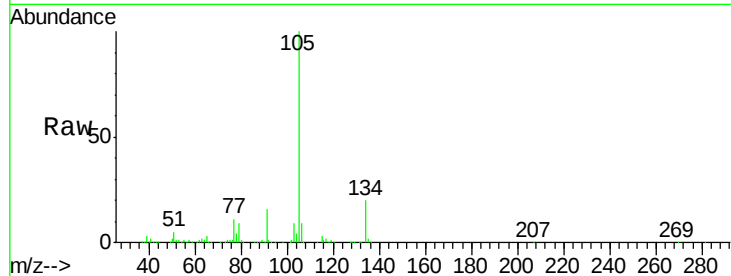
#85
 sec-Butylbenzene
 Concen: 20.054 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	198991		
134	20.0	10.1	30.3	

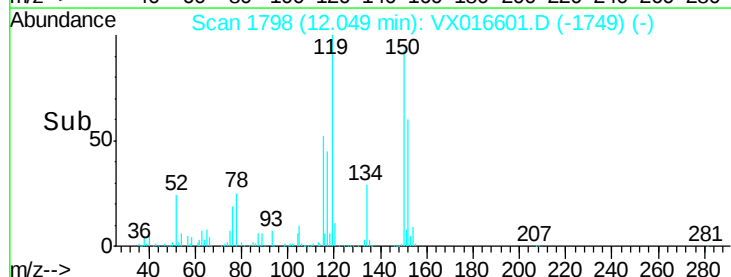
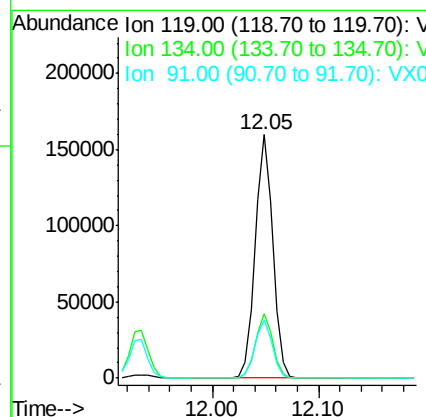
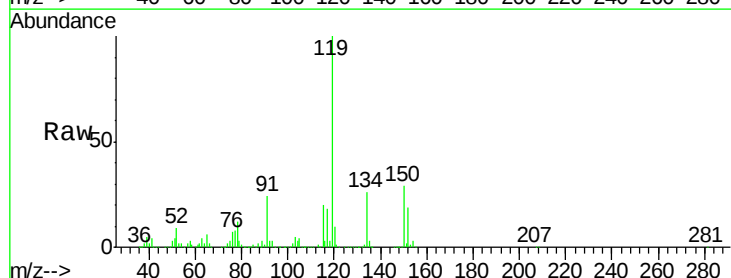
Manual Integrations
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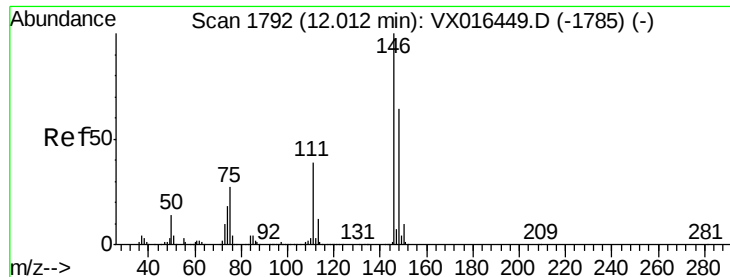
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 19.950 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	185434		
134	25.9	12.7	38.0	
91	24.0	11.7	35.0	





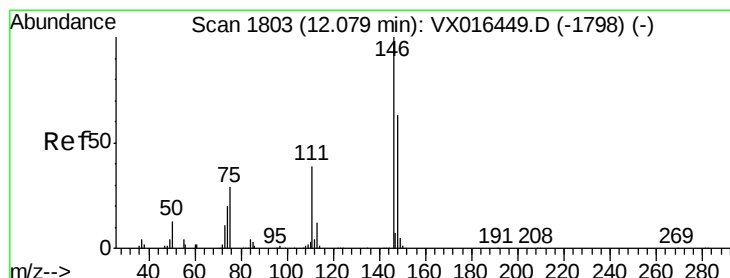
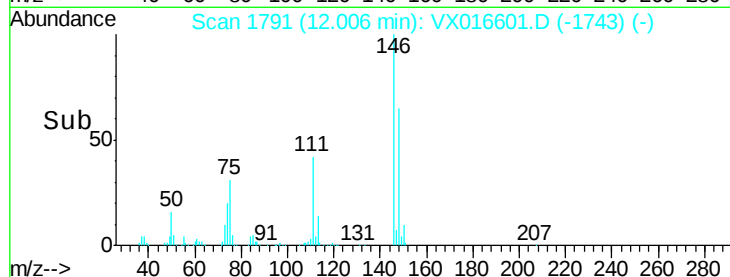
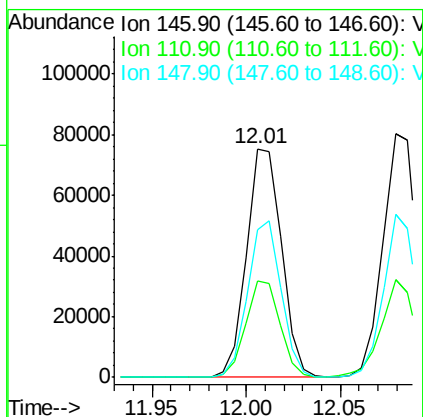
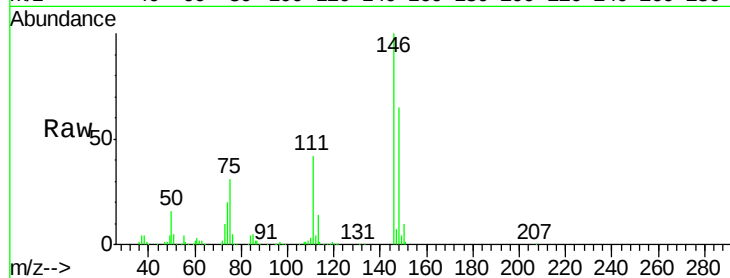
#87
 1,3-Dichlorobenzene
 Concen: 19.344 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	65.4	31.9	95.5

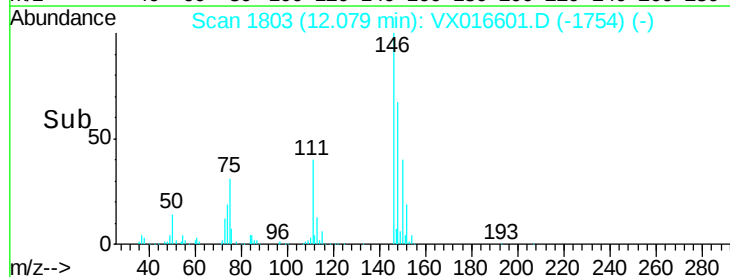
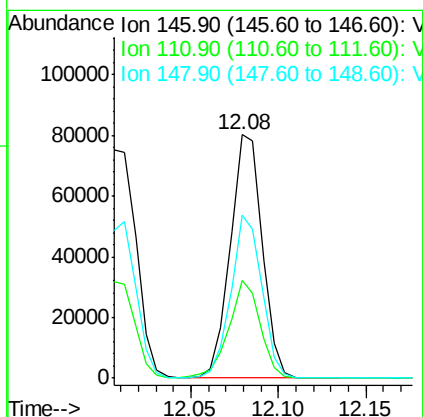
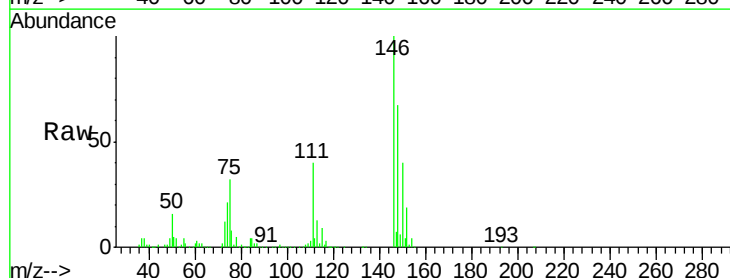
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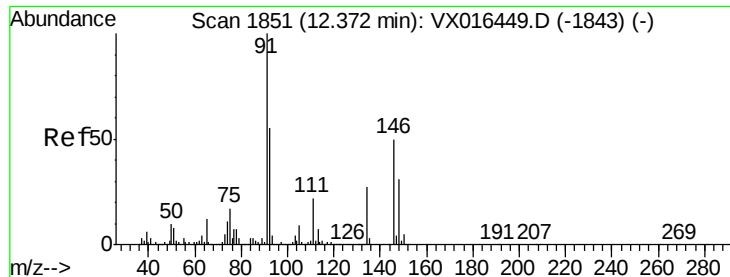
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#88
 1,4-Dichlorobenzene
 Concen: 19.865 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.2
148	64.8	31.4	94.3





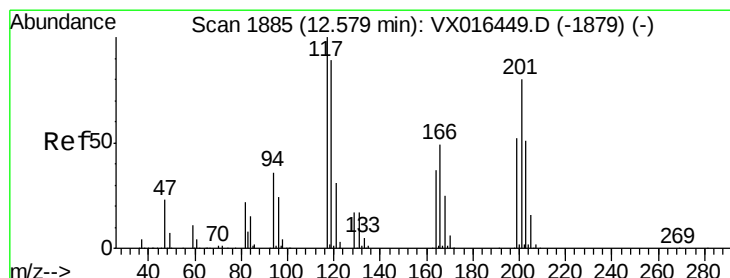
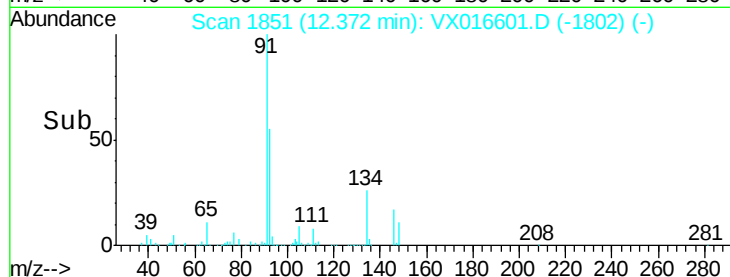
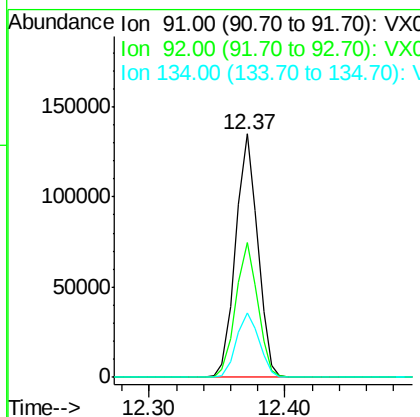
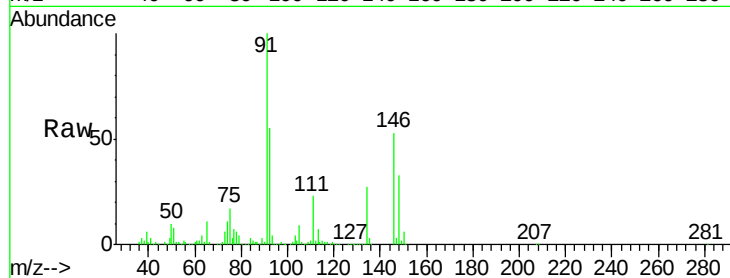
#89
n-Butylbenzene
Concen: 19.650 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.5
134	27.1	13.1	39.3

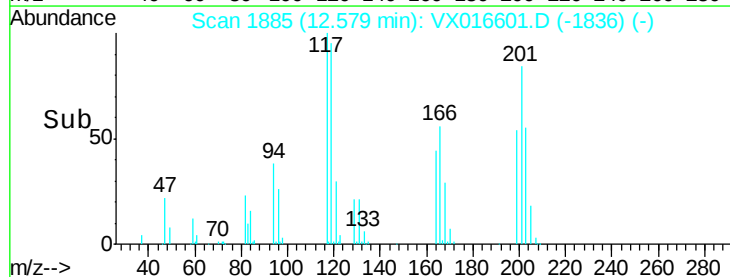
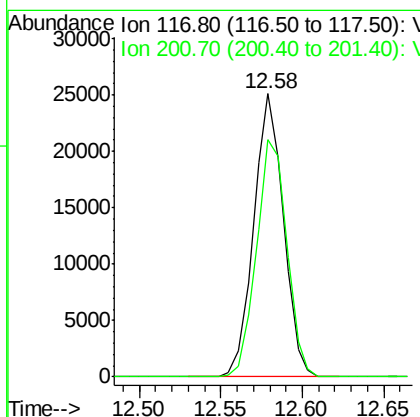
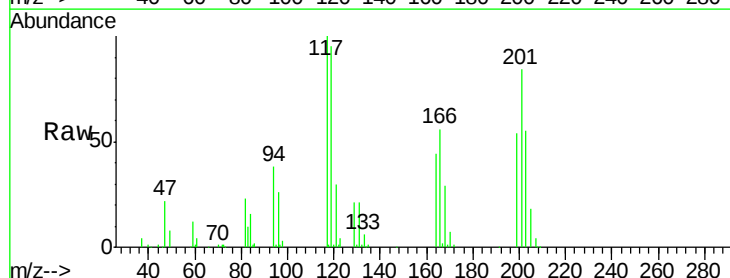
Manual Integrations
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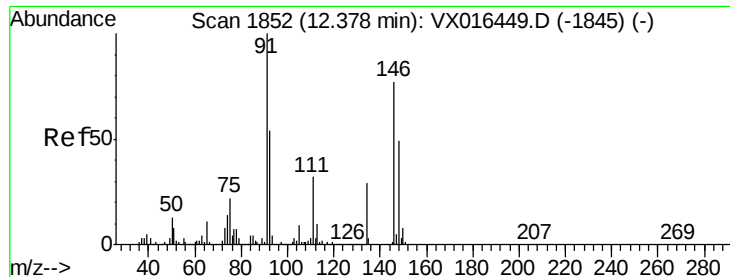
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#90
Hexachloroethane
Concen: 19.870 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.1	129.3





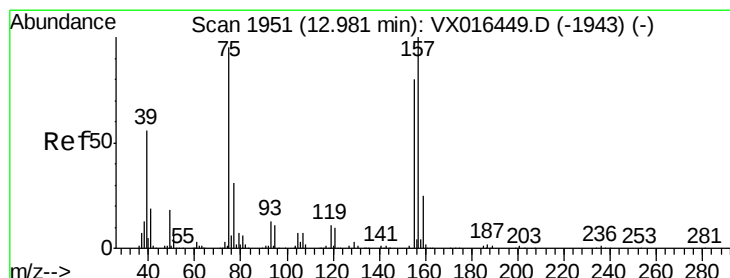
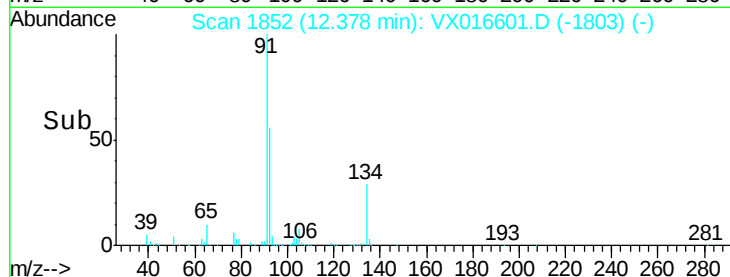
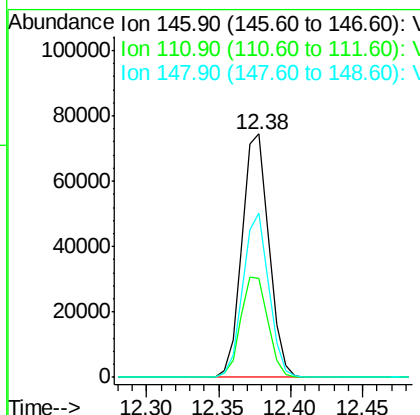
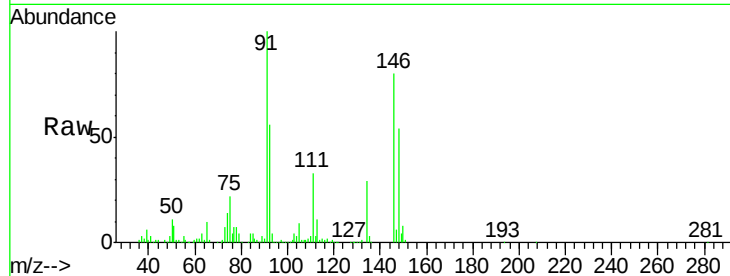
#91
 1,2-Dichlorobenzene
 Concen: 19.716 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	64.8	31.9	95.7

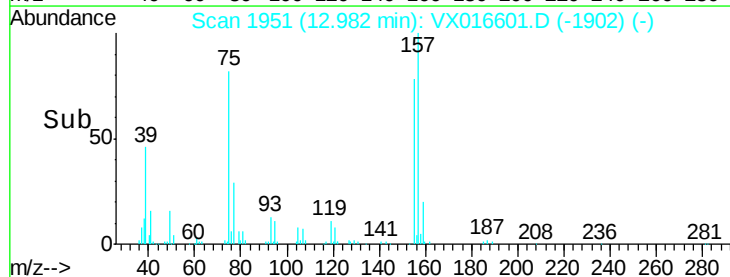
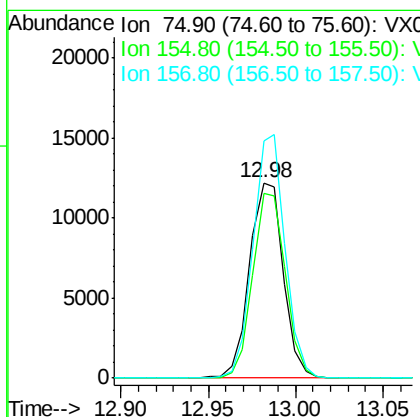
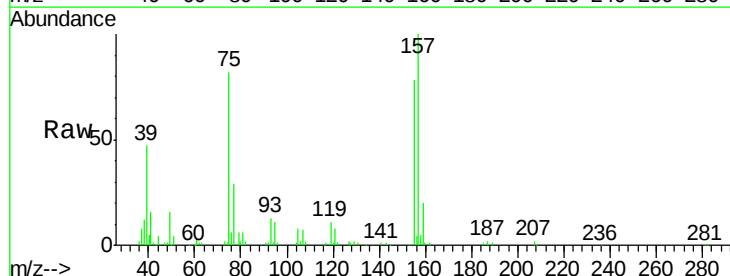
Manual Integrations
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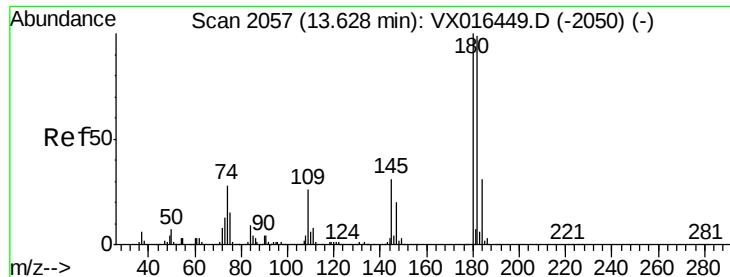
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 6/8/2020 4:55:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.350 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	44.1	132.4
157	117.8	57.8	173.3





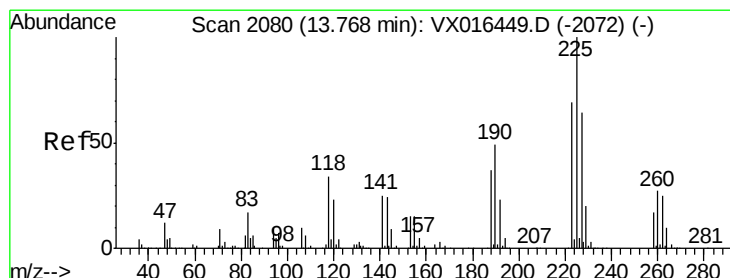
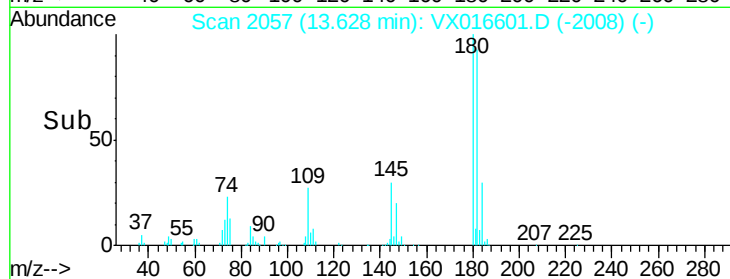
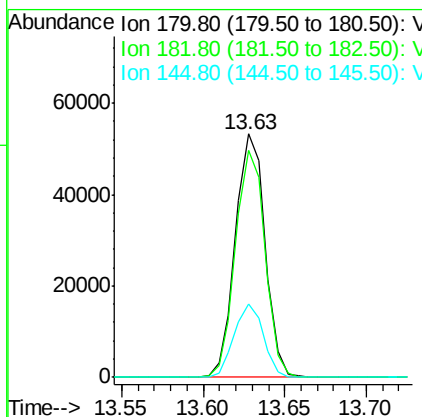
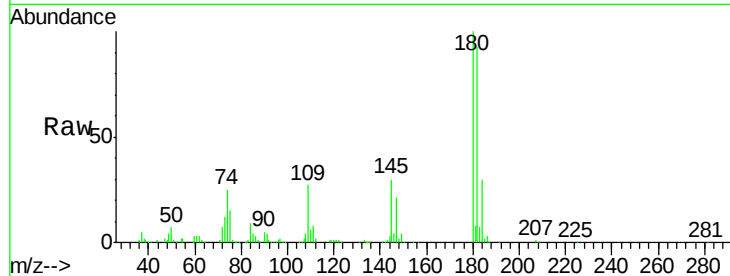
#93
 1,2,4-Trichlorobenzene
 Concen: 20.861 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.3	144.8
145	29.6	15.4	46.2

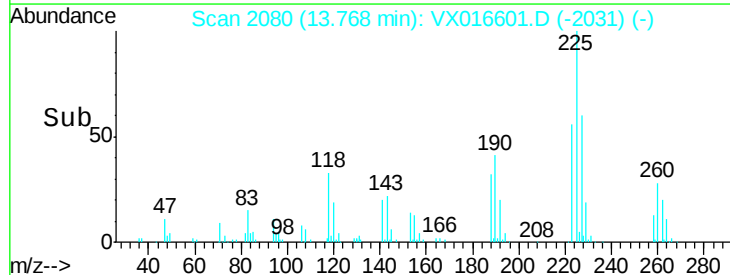
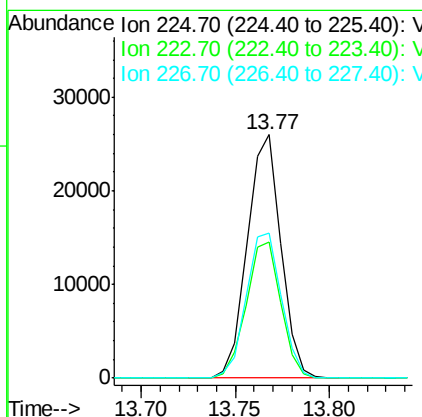
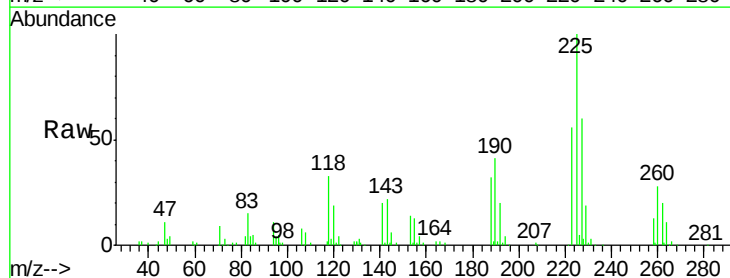
Manual Integrations
 APPROVED

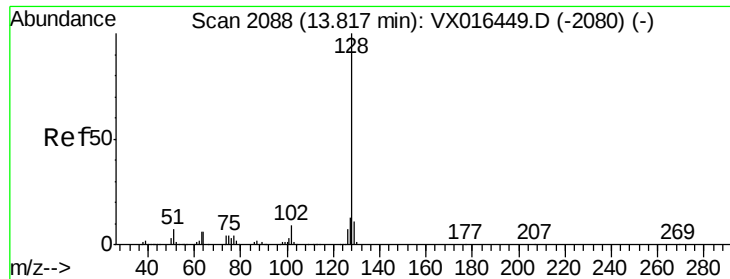
MMDadoda
 6/8/2020 4:55:41 PM



#94
 Hexachlorobutadiene
 Concen: 25.275 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016601.D
 Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	32.3	96.8
227	62.2	31.6	94.7





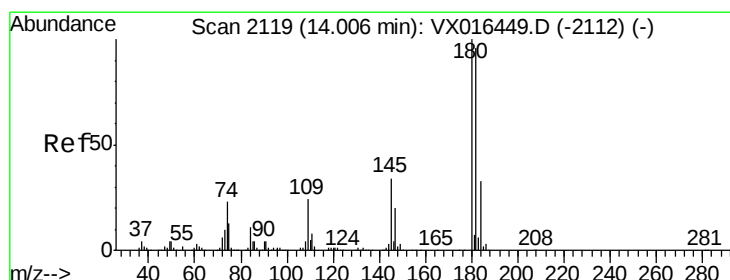
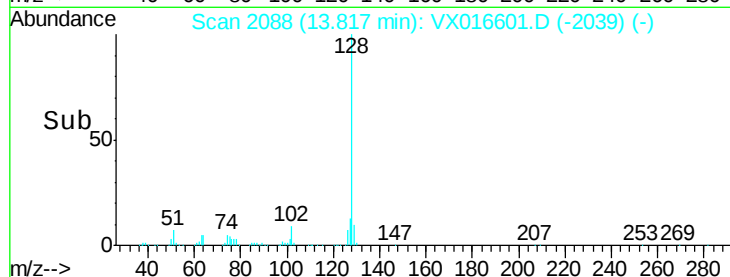
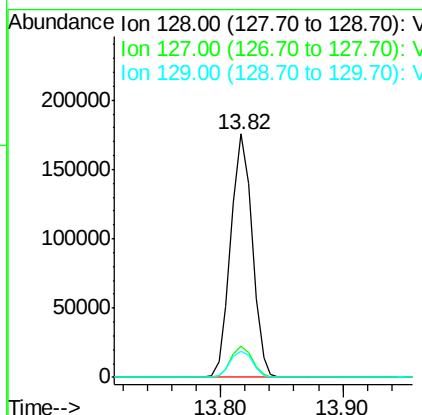
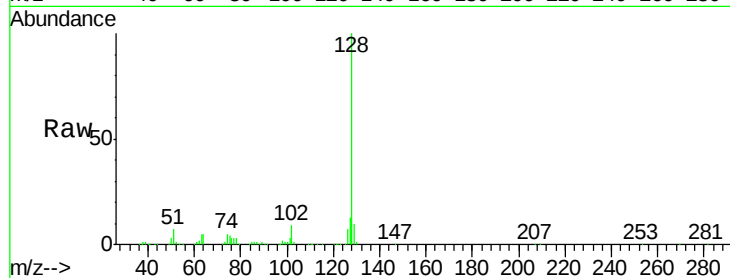
#95
Naphthalene
Concen: 19.073 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0605WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/8/2020 4:55:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.021 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016601.D
Acq: 05 Jun 2020 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.6	145.8
145	33.0	16.6	49.8

