

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016741.D
 Acq On : 12 Jun 2020 20:05
 Operator : JC/SP
 Sample : L3004-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:02 AM

Quant Time: Jun 13 06:30:38 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	5.63	168	216093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	327269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	313830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	131372	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	5.47	113	108017	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
50) Toluene-d8	8.70	98	395618	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	158152	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	91812	43.173	ug/l	100
3) Chloromethane	1.31	50	101194	39.377	ug/l	99
4) Vinyl Chloride	1.39	62	116474	42.857	ug/l	99
5) Bromomethane	1.62	94	58514	44.281	ug/l	97
6) Chloroethane	1.70	64	75612	47.694	ug/l	97
7) Trichlorofluoromethane	1.91	101	189548	53.107	ug/l	98
8) Diethyl Ether	2.17	74	71708	48.182	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100470	51.146	ug/l	97
10) Methyl Iodide	2.49	142	90800	39.381	ug/l	99
11) Tert butyl alcohol	3.03	59	164019	238.345	ug/l	100
12) 1,1-Dichloroethene	2.35	96	101734	48.928	ug/l	98
13) Acrolein	2.27	56	74927	255.956	ug/l	97
14) Allyl chloride	2.70	41	166149	43.450	ug/l	97
15) Acrylonitrile	3.12	53	346510	245.813	ug/l	99
16) Acetone	2.42	43	293687	249.788	ug/l	100
17) Carbon Disulfide	2.54	76	257677	41.731	ug/l	99
18) Methyl Acetate	2.75	43	152487	50.567	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	384720	51.527	ug/l	96
20) Methylene Chloride	2.83	84	119139	48.977	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114547	49.805	ug/l	90
22) Diisopropyl ether	3.82	45	334533	45.540	ug/l	97
23) Vinyl Acetate	3.78	43	1408207	219.010	ug/l	96
24) 1,1-Dichloroethane	3.67	63	202307	48.794	ug/l	100
25) 2-Butanone	4.64	43	465202	233.505	ug/l	94
26) 2,2-Dichloropropane	4.55	77	159701	47.072	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	132817	49.918	ug/l	96
28) Bromochloromethane	4.98	49	82183	42.655	ug/l	# 82
29) Tetrahydrofuran	5.09	42	298661	232.044	ug/l	93
30) Chloroform	5.18	83	218410	52.281	ug/l	98
31) Cyclohexane	5.55	56	156211	41.880	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	199657	52.789	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149469	48.237	ug/l	96
37) Ethyl Acetate	4.79	43	163785	44.026	ug/l	96
38) Carbon Tetrachloride	5.76	117	180645	55.475	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161999	48.134	ug/l	98
40) Benzene	6.11	78	462854	50.160	ug/l	99
41) Methacrylonitrile	5.01	41	94019	46.010	ug/l	95
42) 1,2-Dichloroethane	6.16	62	171961	52.402	ug/l	100
43) Isopropyl Acetate	6.42	43	264034	45.502	ug/l	97
44) Trichloroethene	7.19	130	137402	46.932	ug/l	94
45) 1,2-Dichloropropane	7.49	63	116370	49.538	ug/l	98
46) Dibromomethane	7.63	93	83241	52.756	ug/l	94
47) Bromodichloromethane	7.88	83	177875	54.445	ug/l	98
48) Methyl methacrylate	7.74	41	130922	47.122	ug/l	94
49) 1,4-Dioxane	7.71	88	62477	960.877	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	887989	245.765	ug/l	98
52) Toluene	8.77	92	303723	52.197	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	192253	51.751	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	196900	50.074	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	128120	55.378	ug/l	96
56) Ethyl methacrylate	9.16	69	192983	51.217	ug/l	97
57) 1,3-Dichloropropane	9.35	76	207083	52.147	ug/l	100
59) 2-Hexanone	9.48	43	696299	247.811	ug/l	97
60) Dibromochloromethane	9.57	129	152188	58.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134563	54.314	ug/l	100
64) Tetrachloroethene	9.32	164	139779	39.811	ug/l	97
65) Chlorobenzene	10.12	112	337062	52.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	135862	55.628	ug/l	99
67) Ethyl Benzene	10.24	91	575393	50.511	ug/l	99
68) m/p-Xylenes	10.34	106	440574	104.312	ug/l	100
69) o-Xylene	10.68	106	213073	52.091	ug/l	96
70) Styrene	10.70	104	379684	54.003	ug/l	100
71) Bromoform	10.84	173	123104	59.640	ug/l #	99
73) Isopropylbenzene	11.00	105	574037	48.392	ug/l	100
74) N-amyl acetate	10.88	43	215673	39.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	181230	60.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	181183m	48.147	ug/l	
77) Bromobenzene	11.24	156	157996	50.783	ug/l	93
78) n-propylbenzene	11.34	91	637110	48.074	ug/l	99
79) 2-Chlorotoluene	11.40	91	392930	48.574	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496237	50.101	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	68455	44.748	ug/l	98
82) 4-Chlorotoluene	11.49	91	463810	48.553	ug/l	98
83) tert-Butylbenzene	11.76	119	466390	55.108	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	505484	50.463	ug/l	99
85) sec-Butylbenzene	11.93	105	541637	51.017	ug/l	99
86) p-Isopropyltoluene	12.05	119	524585	52.748	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	279883	51.925	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	282877	51.313	ug/l	98
89) n-Butylbenzene	12.37	91	417431	50.392	ug/l	97
90) Hexachloroethane	12.58	117	93831	54.623	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	273289	52.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49145	51.036	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	188115	54.239	ug/l	99

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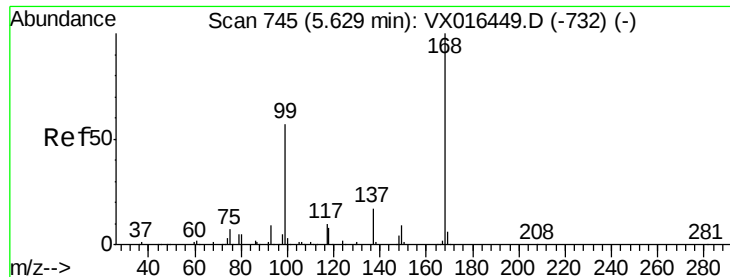
Manual Integrations
APPROVED

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6/15/2020 11:10:02 AM

Quant Time: Jun 13 06:30:38 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)
94) Hexachlorobutadiene	13.76	225	79801	58.603	ug/l	99
95) Naphthalene	13.82	128	624286	52.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	188782	55.559	ug/l	100

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



#1

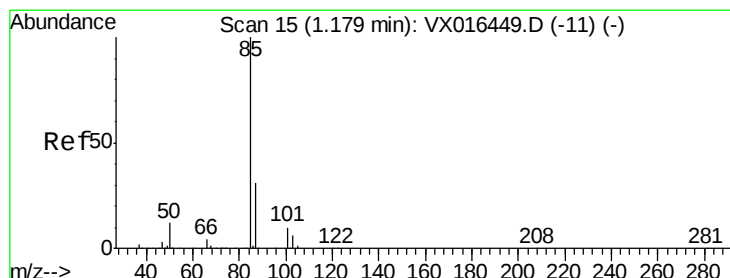
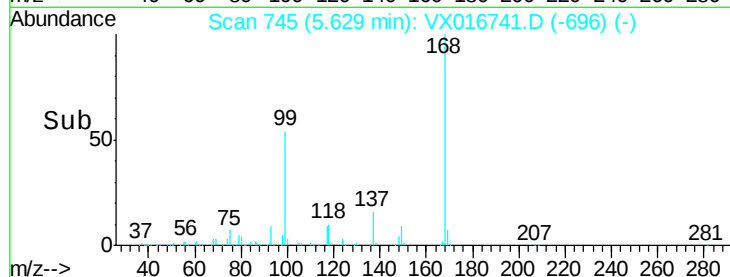
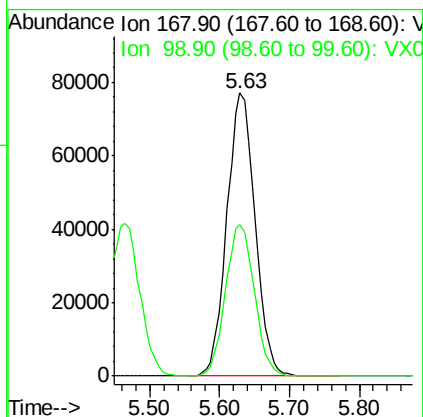
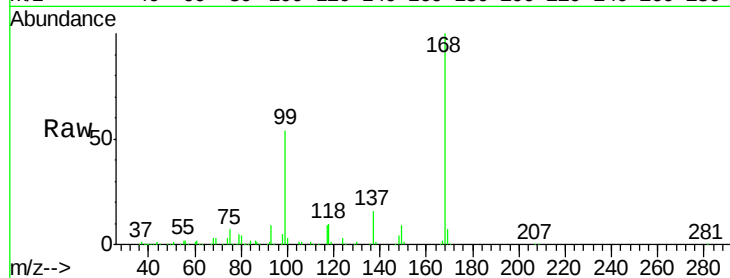
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
168	100		
99	53.7	45.2	67.8

Manual Integrations
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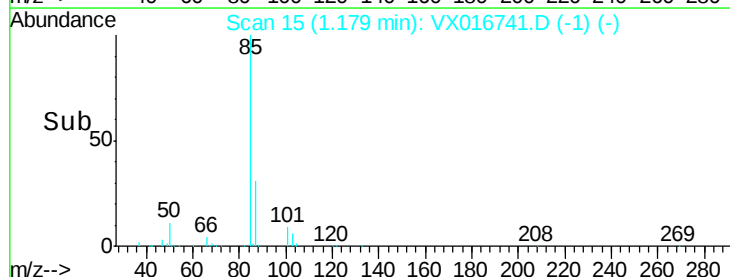
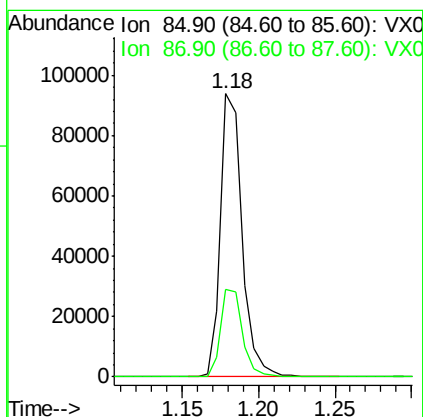
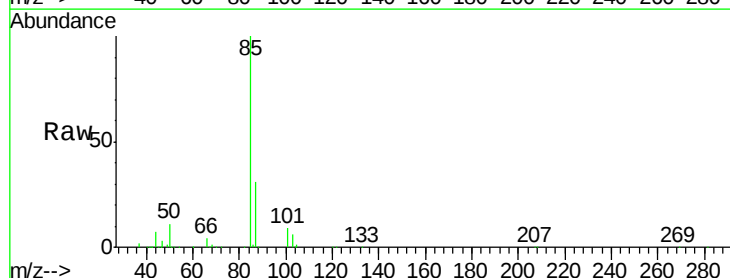
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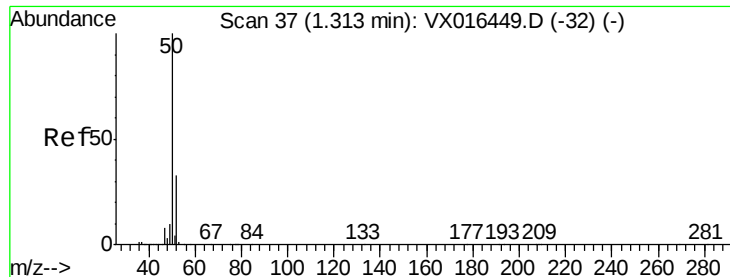


#2

Dichlorodifluoromethane
 Concen: 43.173 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.2





#3

Chloromethane

Concen: 39.377 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 50 Resp: 101194

Ion Ratio Lower Upper

50 100

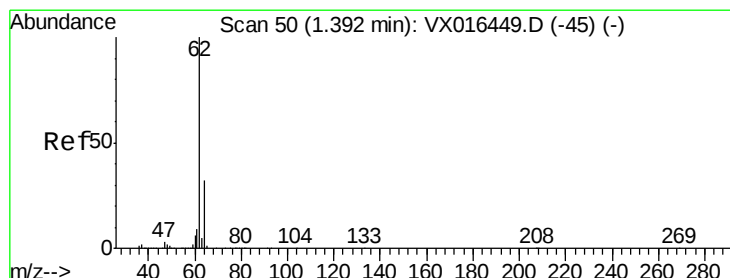
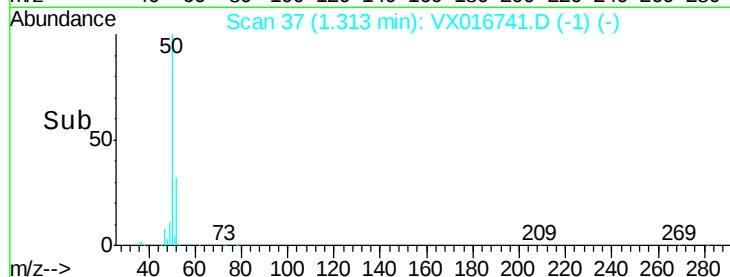
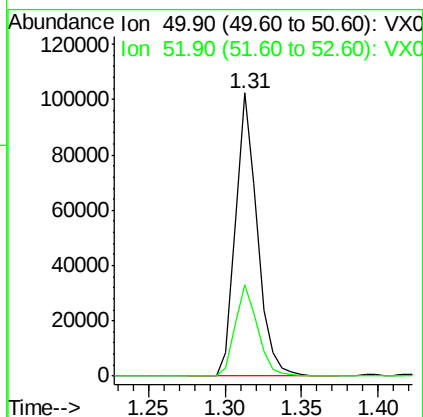
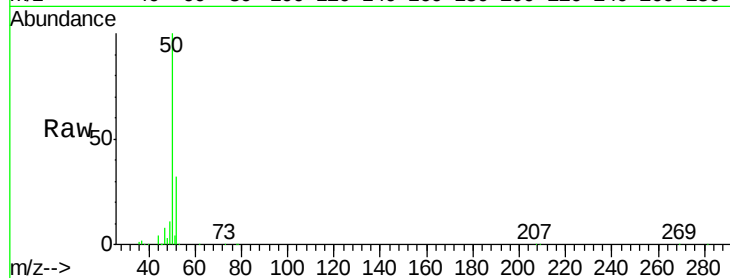
52 32.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.857 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016741.D

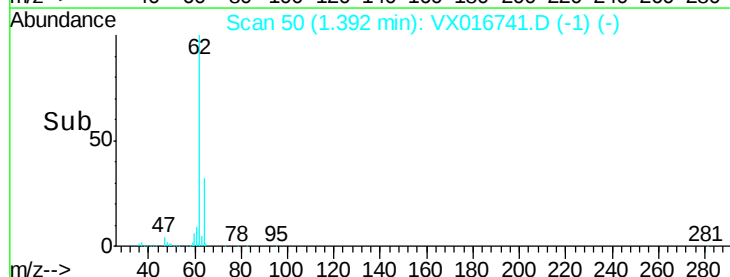
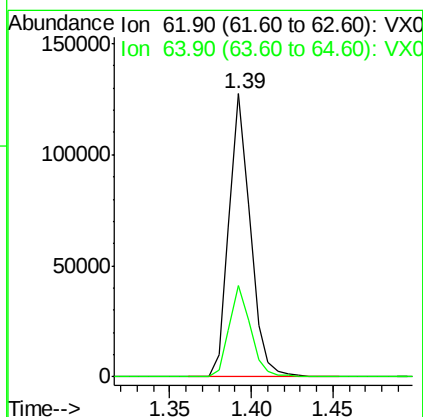
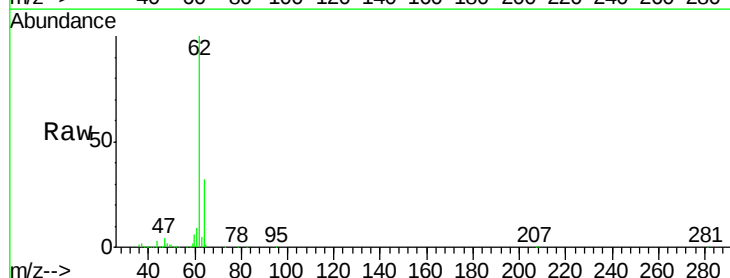
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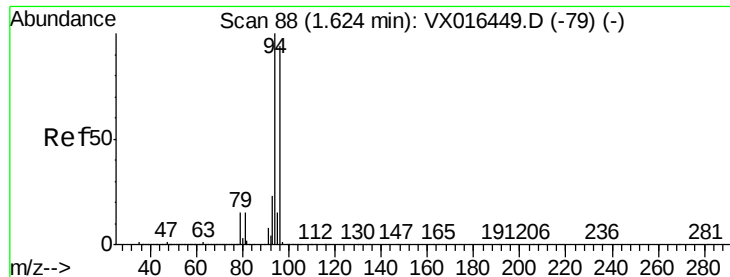
Tgt Ion: 62 Resp: 116474

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 44.281 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

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ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 94 Resp: 58514

Ion Ratio Lower Upper

94 100

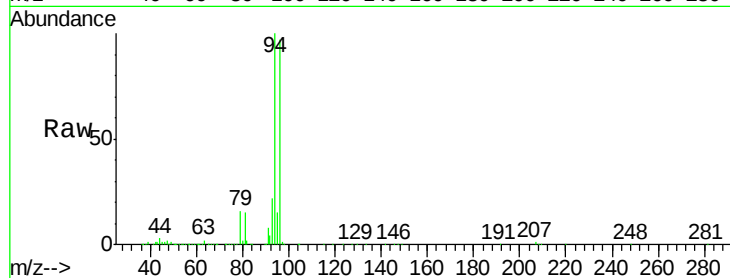
96 96.7 75.1 112.7

Manual Integrations

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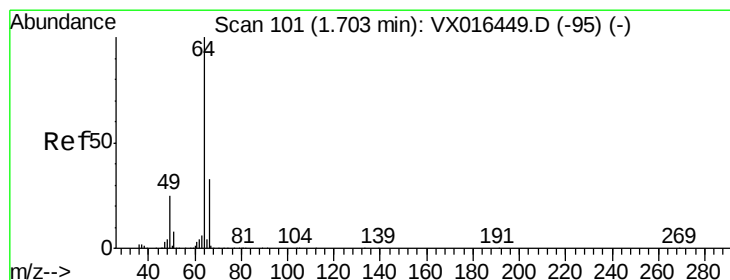
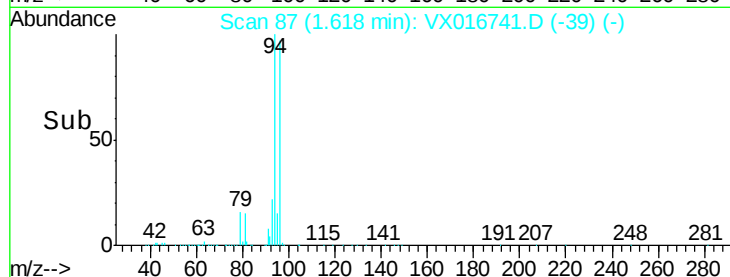
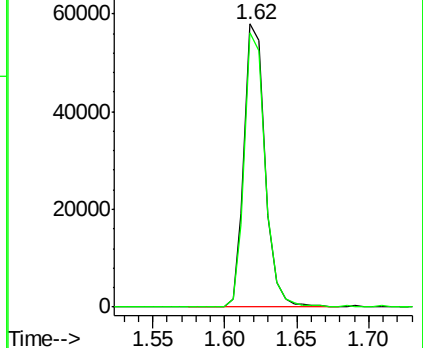
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.694 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016741.D

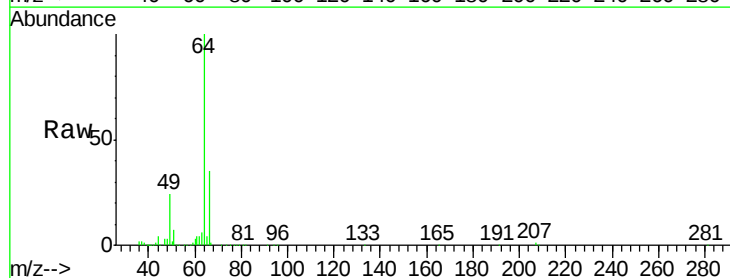
Acq: 12 Jun 2020 20:05

Tgt Ion: 64 Resp: 75612

Ion Ratio Lower Upper

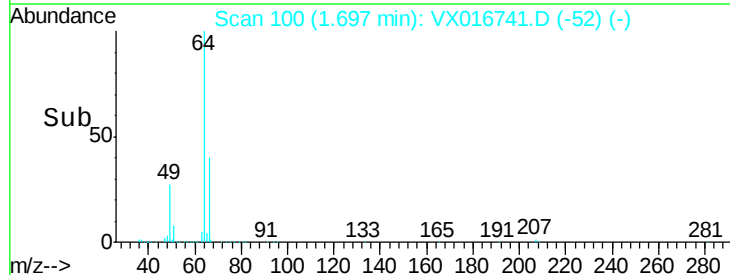
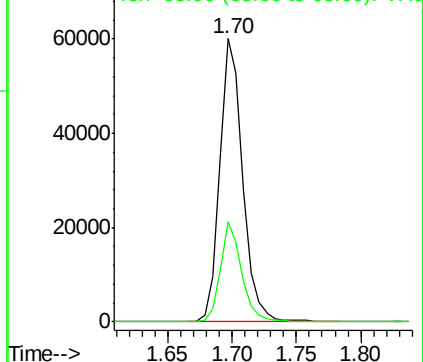
64 100

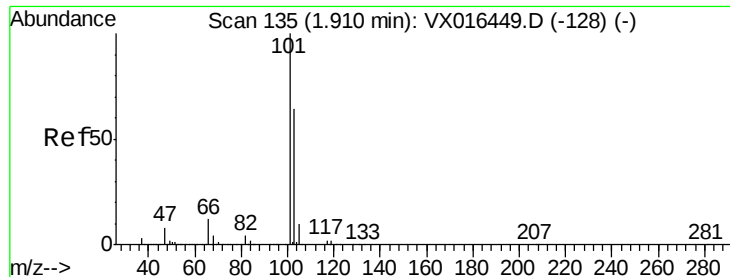
66 35.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

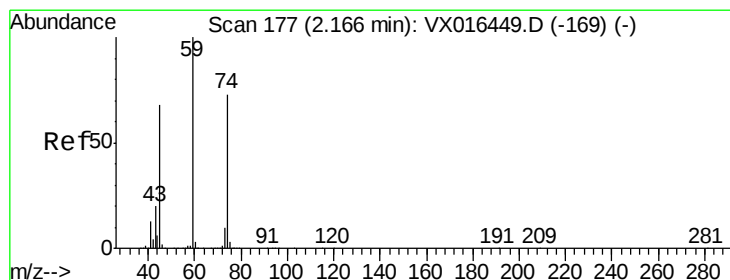
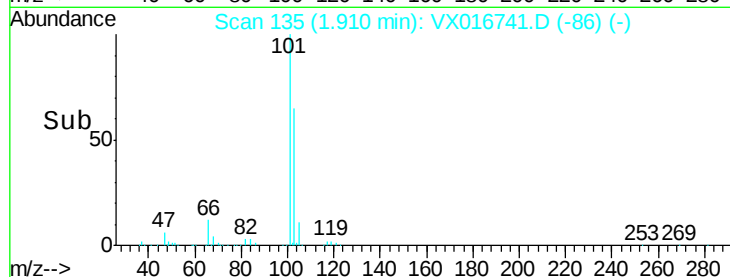
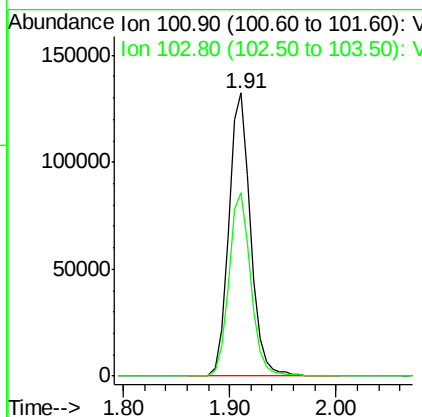
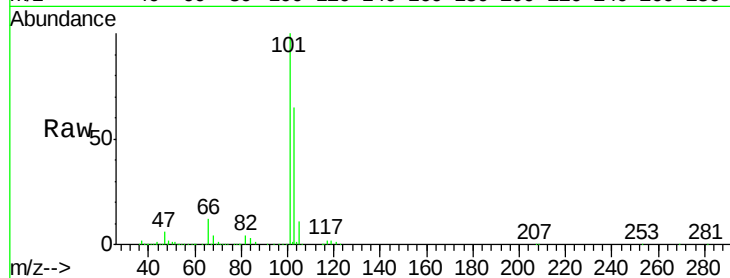
Trichlorofluoromethane
Concen: 53.107 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

Manual Integrations
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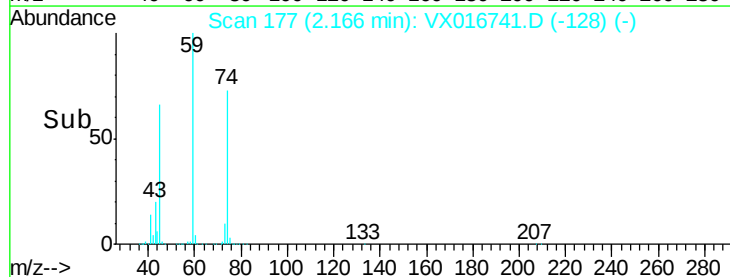
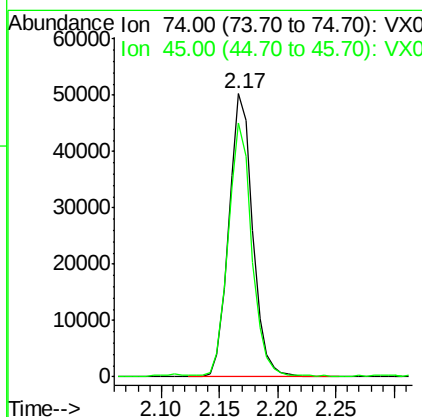
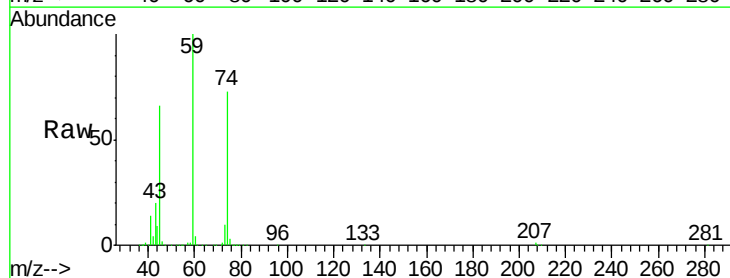
MMDadoda
6/15/2020 11:10:02 AM

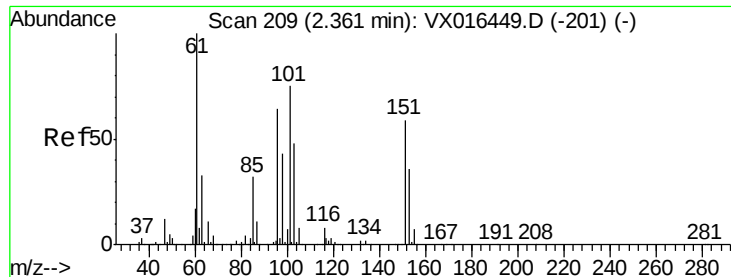


#8

Diethyl Ether
Concen: 48.182 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.146 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

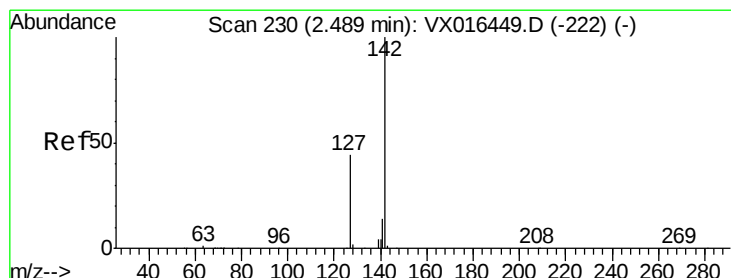
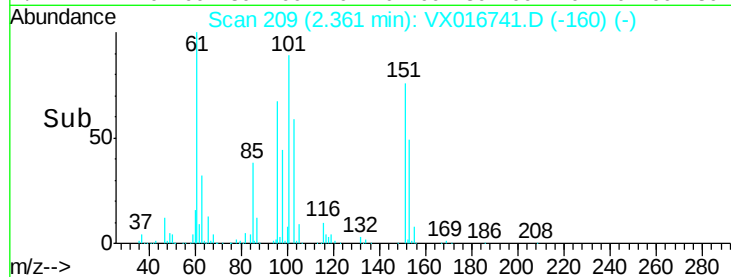
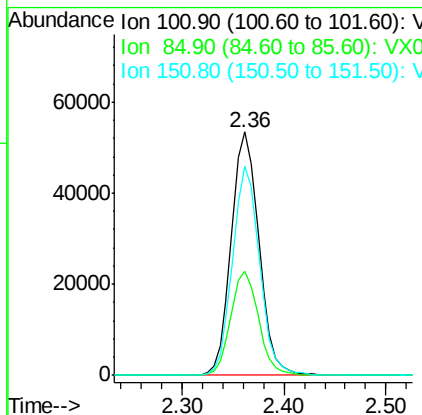
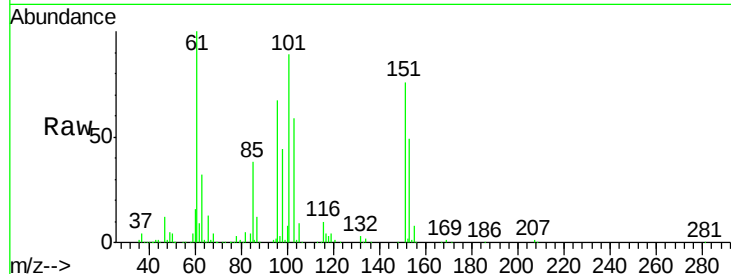
ClientSampleId :

LF015RW050-200611MS

Tgt Ion:	101	Resp:	100470
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	84.1	63.8	95.6

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#10

Methyl Iodide

Concen: 39.381 ug/l

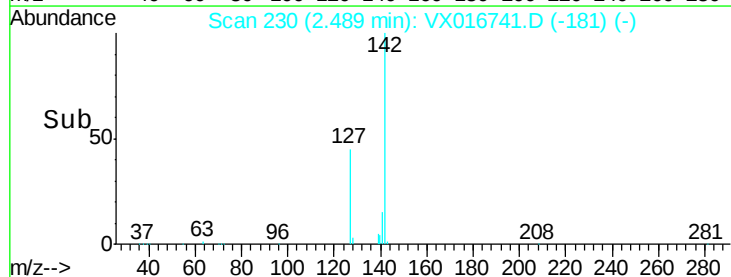
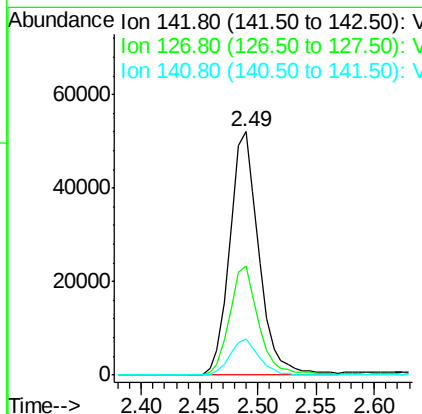
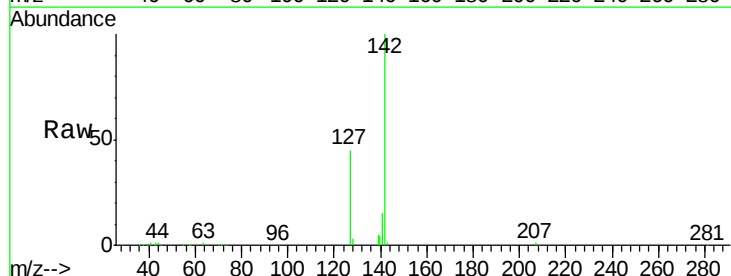
RT: 2.49 min Scan# 230

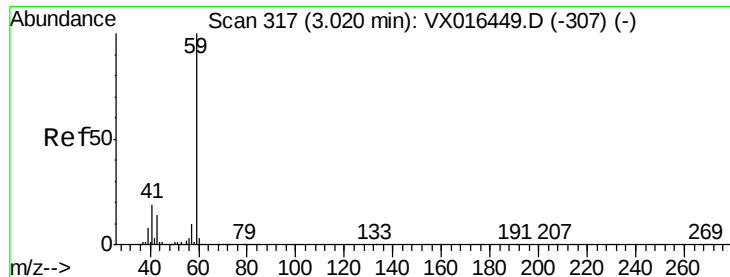
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion:	142	Resp:	90800
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.3	52.9
141	14.9	11.4	17.2





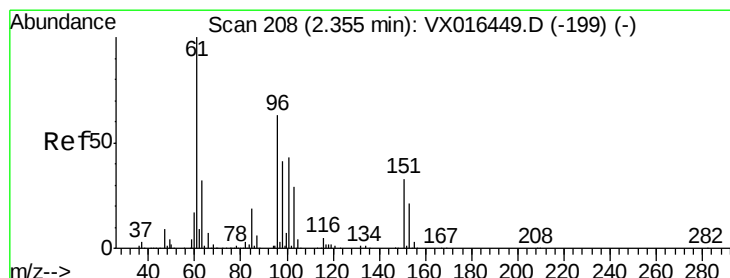
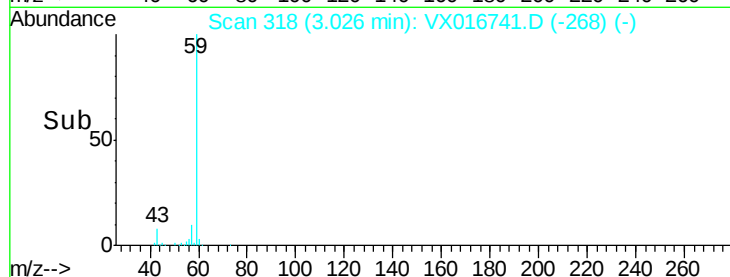
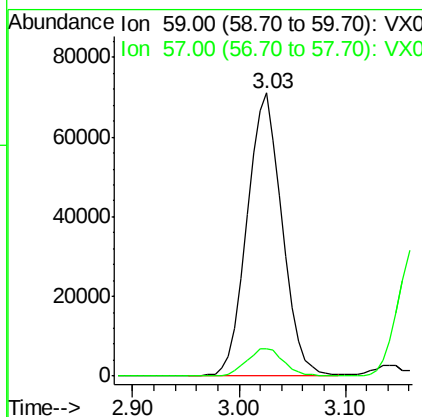
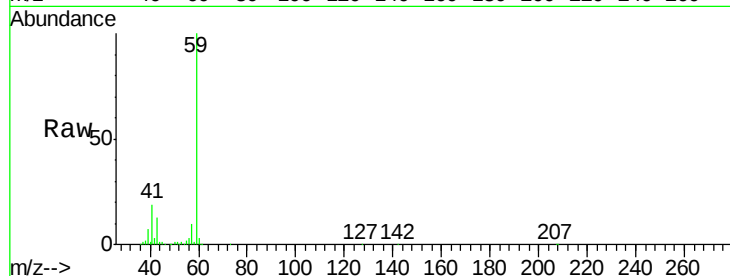
#11
Tert butyl alcohol
Concen: 238.345 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion: 59 Resp: 164019
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

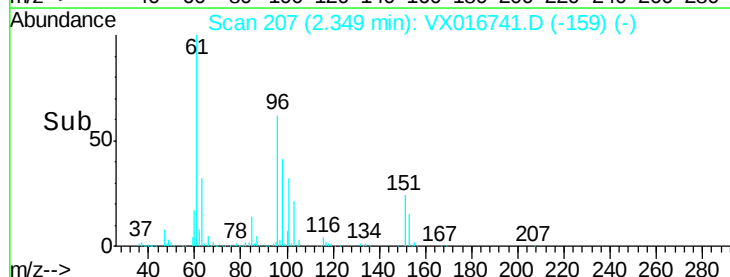
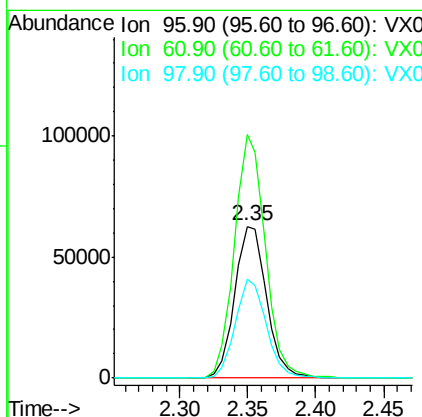
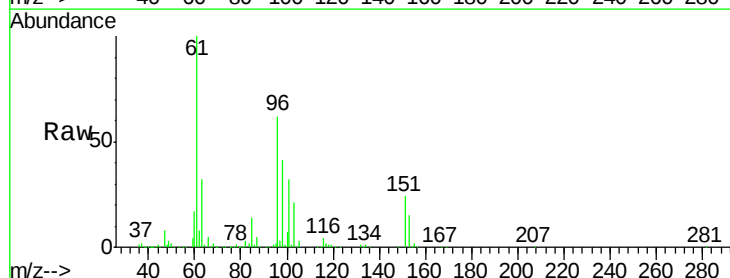
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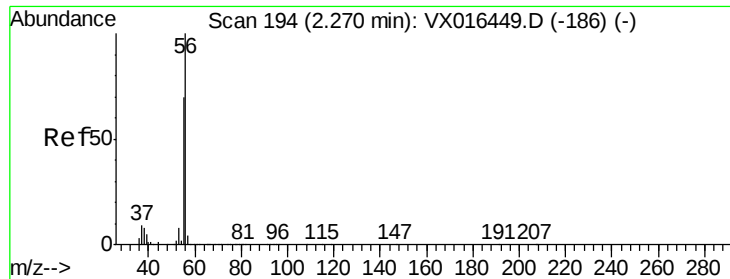
MMDadoda
6/15/2020 11:10:02 AM



#12
1,1-Dichloroethene
Concen: 48.928 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 96 Resp: 101734
Ion Ratio Lower Upper
96 100
61 161.0 126.6 189.8
98 65.8 51.3 76.9





#13

Acrolein

Concen: 255.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 56 Resp: 74927

Ion Ratio Lower Upper

56 100

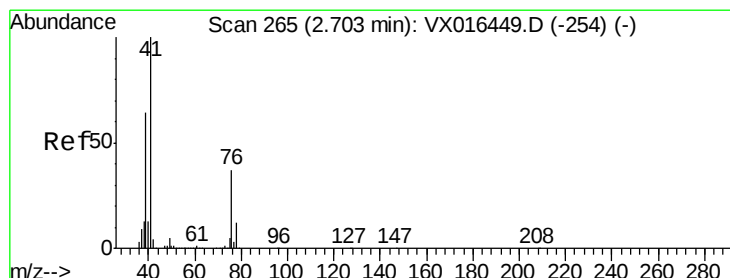
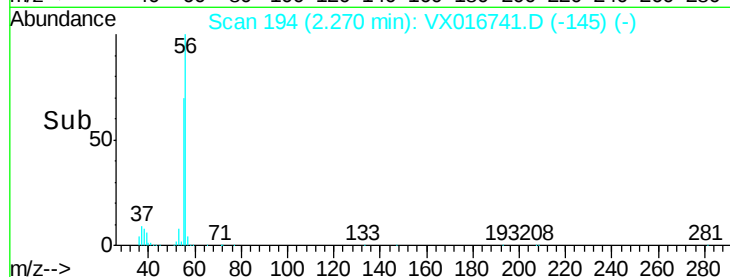
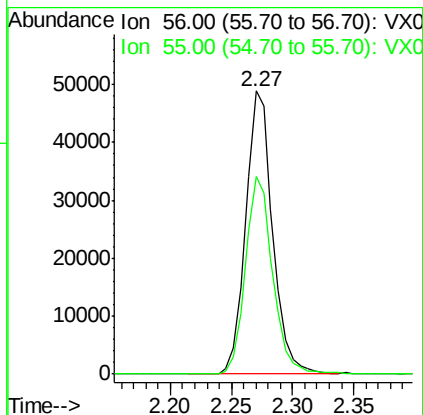
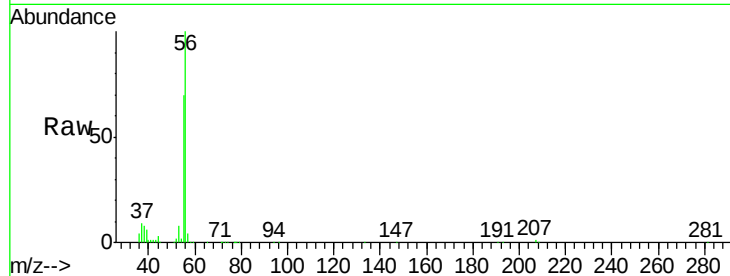
55 70.3 58.3 87.5

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#14

Allyl chloride

Concen: 43.450 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

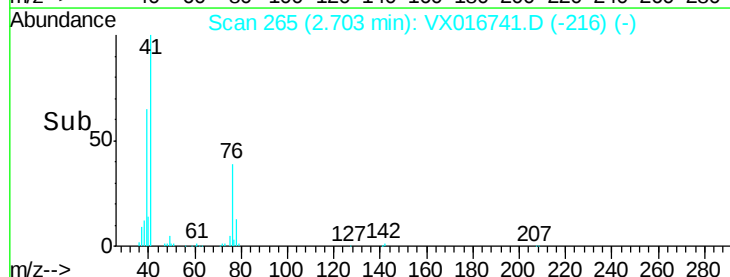
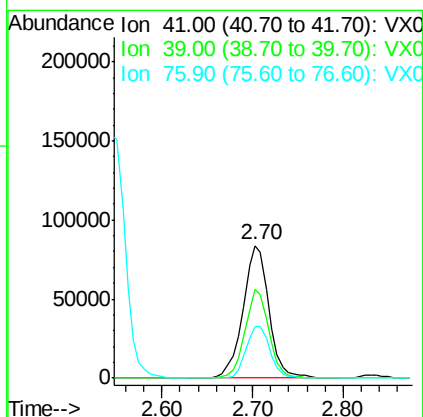
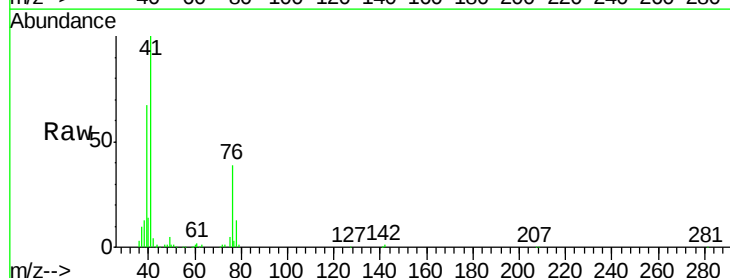
Tgt Ion: 41 Resp: 166149

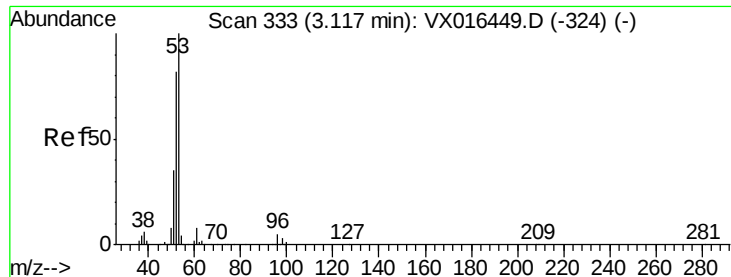
Ion Ratio Lower Upper

41 100

39 61.1 47.7 71.5

76 36.4 26.6 40.0





#15

Acrylonitrile

Concen: 245.813 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

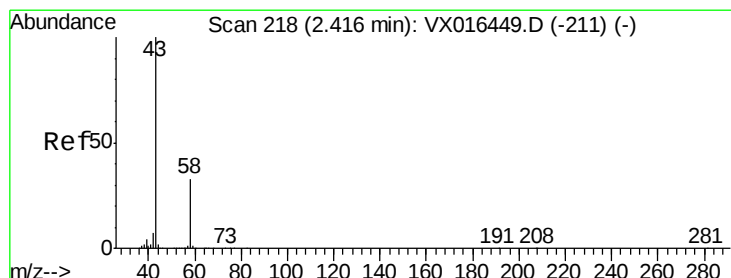
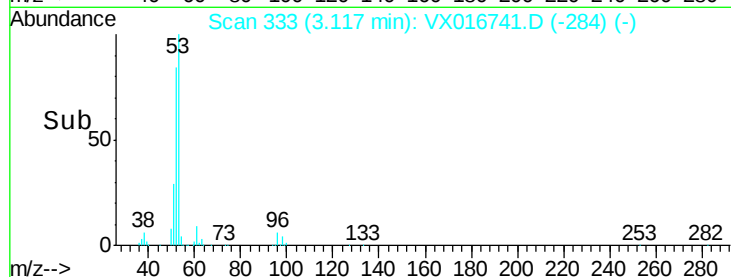
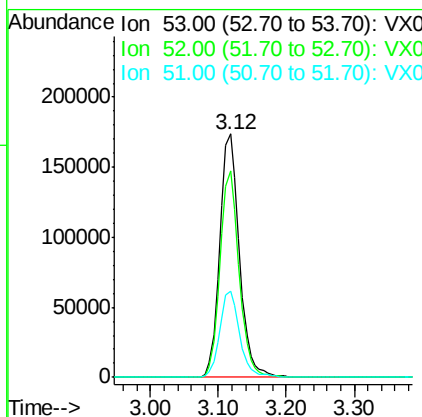
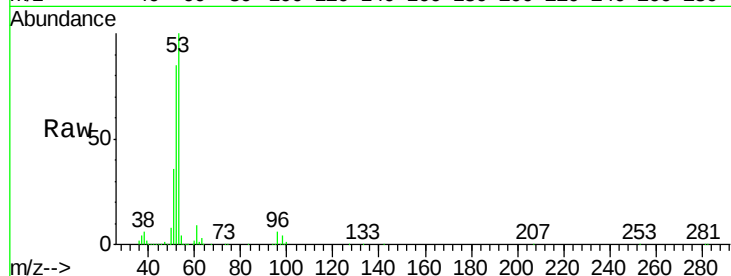
ClientSampleId :

LF015RW050-200611MS

Tgt Ion:	53	Resp:	346510
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.2	28.6	43.0

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#16

Acetone

Concen: 249.788 ug/l

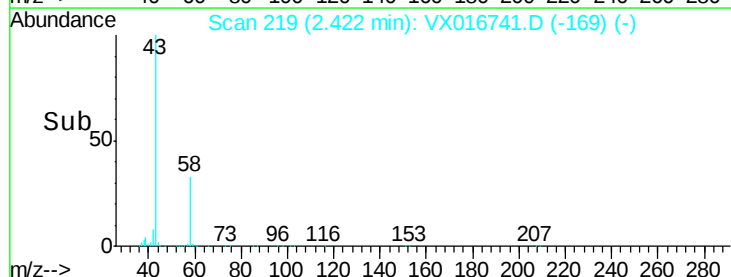
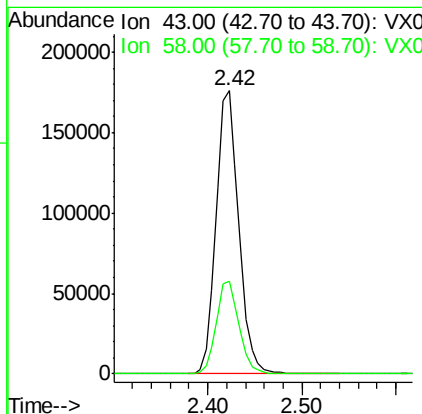
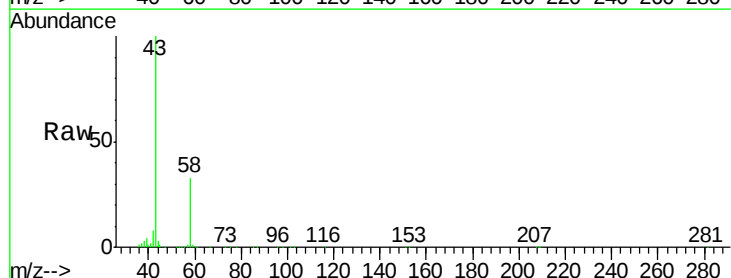
RT: 2.42 min Scan# 219

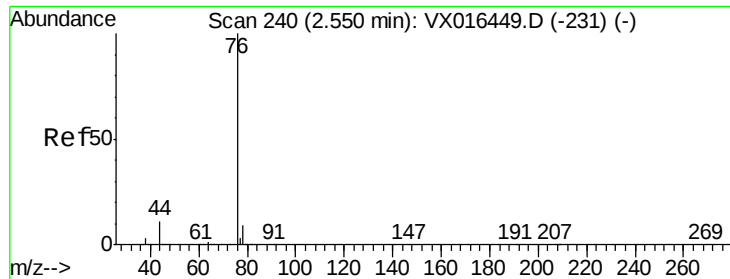
Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion:	43	Resp:	293687
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.1	39.1





#17

Carbon Disulfide

Concen: 41.731 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 76 Resp: 257677

Ion Ratio Lower Upper

76 100

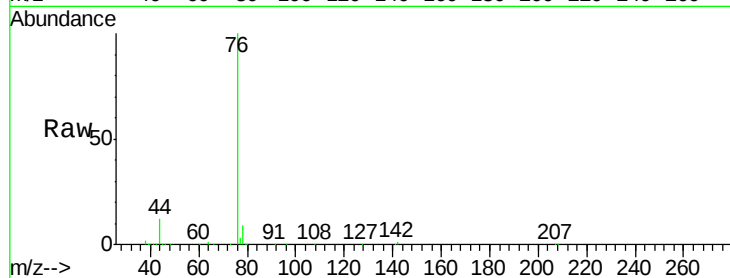
78 8.9 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

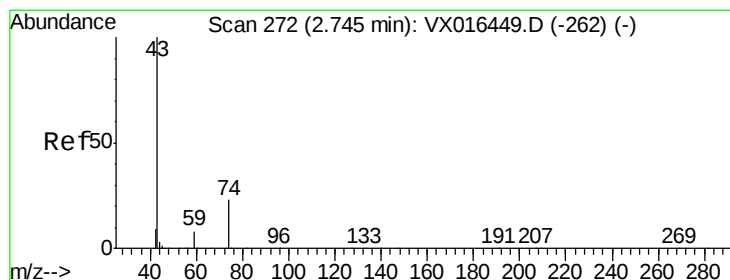
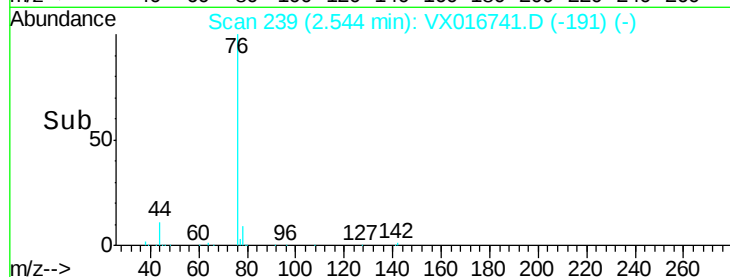
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.567 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016741.D

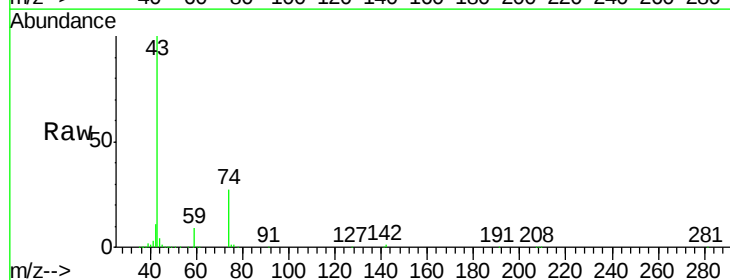
Acq: 12 Jun 2020 20:05

Tgt Ion: 43 Resp: 152487

Ion Ratio Lower Upper

43 100

74 26.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

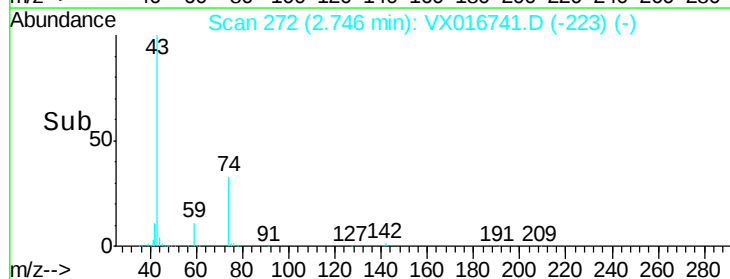
60000

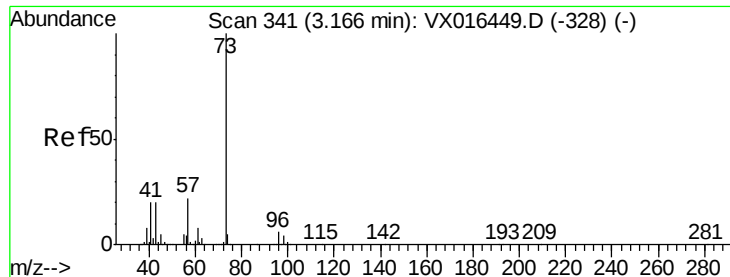
40000

20000

0

Time-->





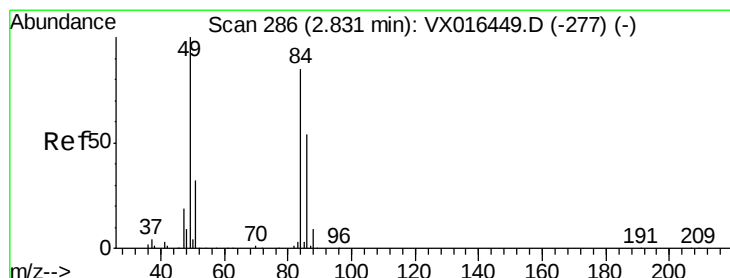
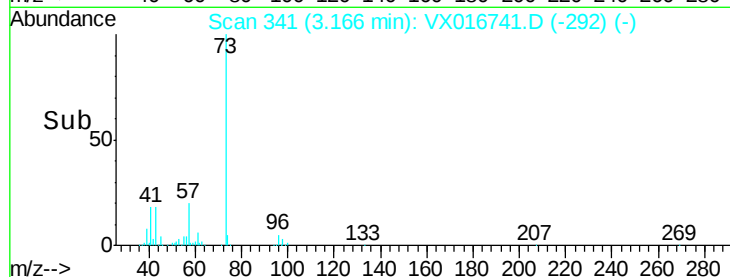
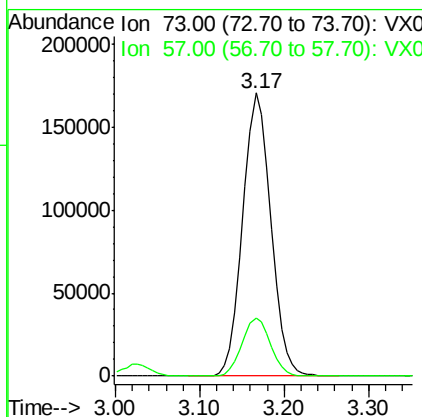
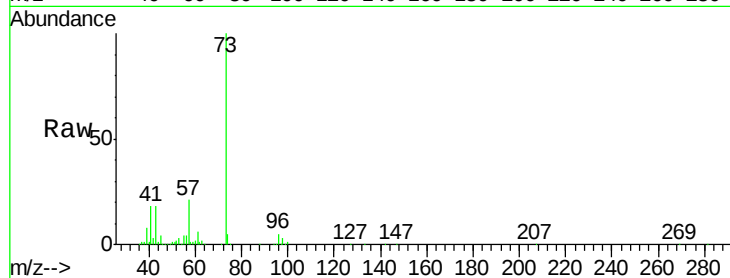
#19
Methyl tert-butyl Ether
Concen: 51.527 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.8	26.6

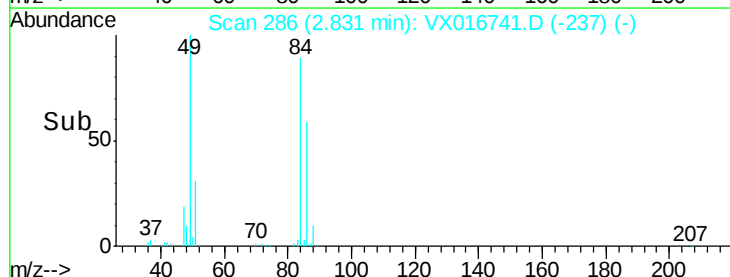
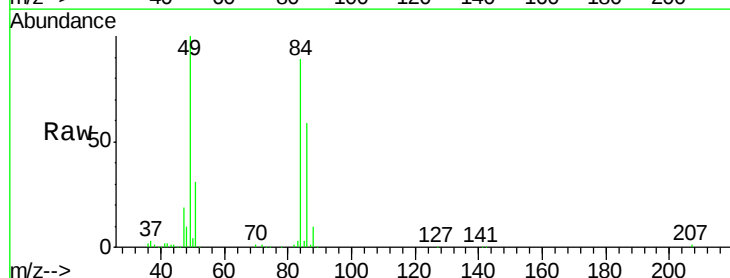
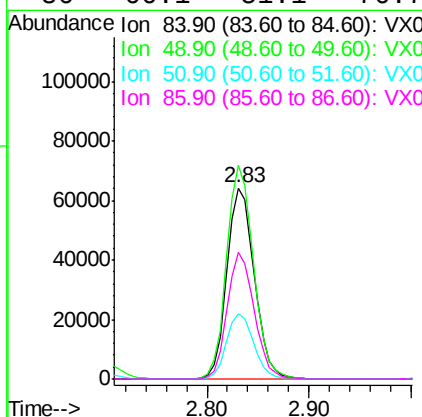
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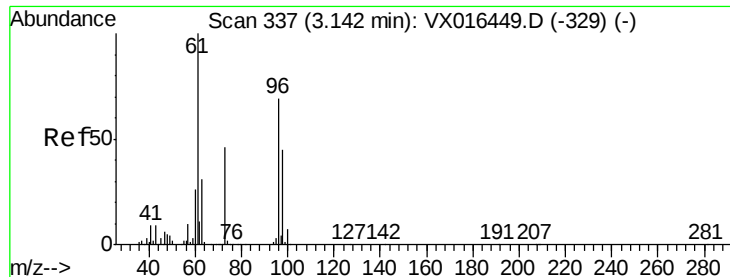
MMDadoda
6/15/2020 11:10:02 AM



#20
Methylene Chloride
Concen: 48.977 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	94.5	141.7
51	34.3	30.2	45.4
86	66.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 49.805 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 96 Resp: 114547
Ion Ratio Lower Upper

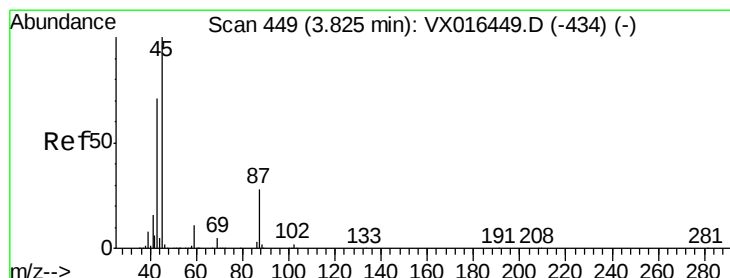
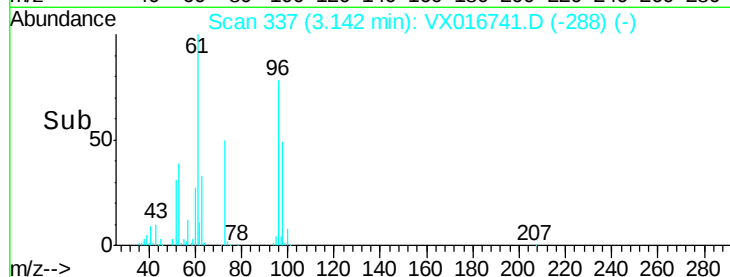
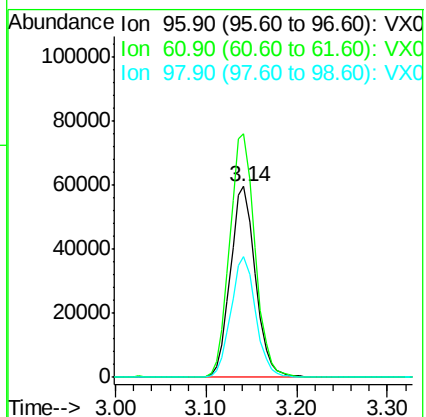
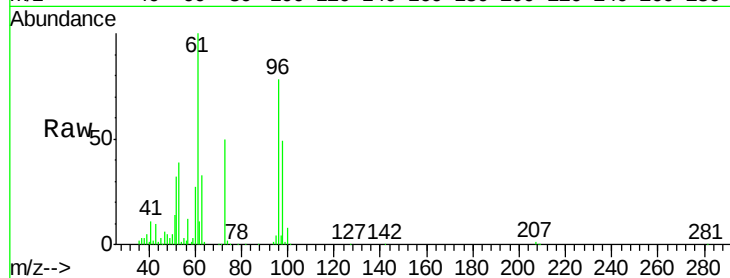
96 100

61 127.5 115.3 172.9

98 62.9 51.9 77.9

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#22

Diisopropyl ether

Concen: 45.540 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

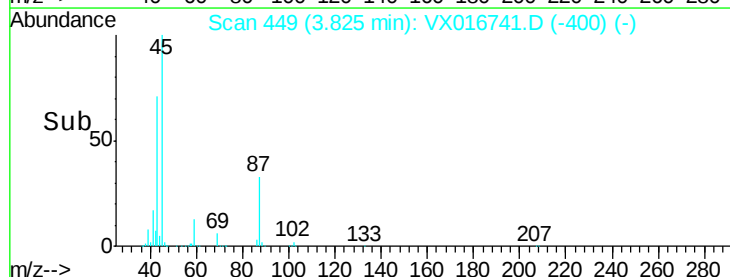
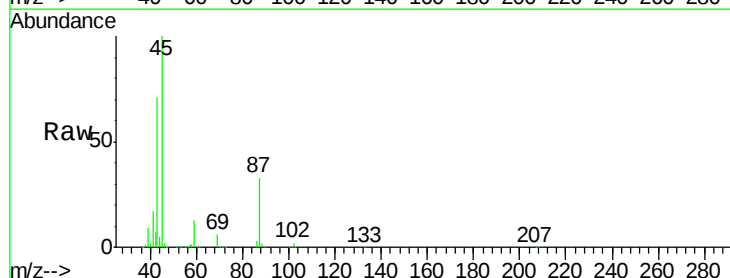
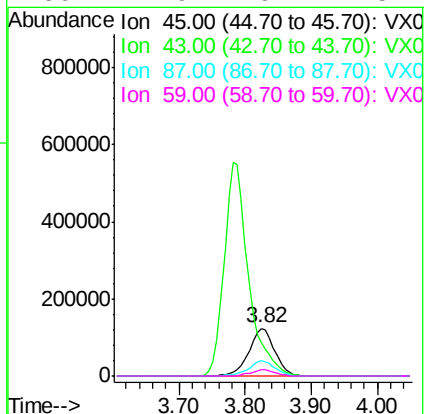
Tgt Ion: 45 Resp: 334533
Ion Ratio Lower Upper

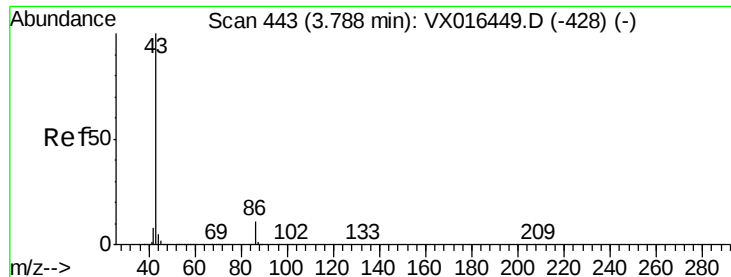
45 100

43 70.7 57.0 85.6

87 33.2 22.5 33.7

59 12.9 9.1 13.7





#23

Vinyl Acetate

Concen: 219.010 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 43 Resp: 1408207

Ion Ratio Lower Upper

43 100

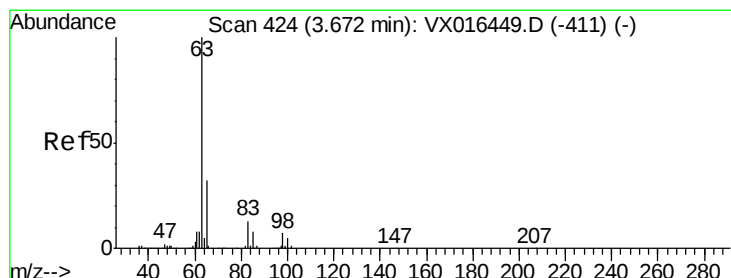
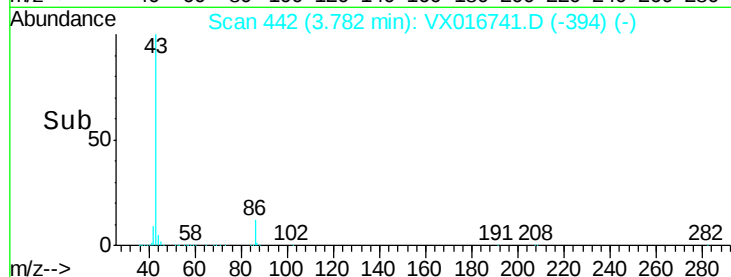
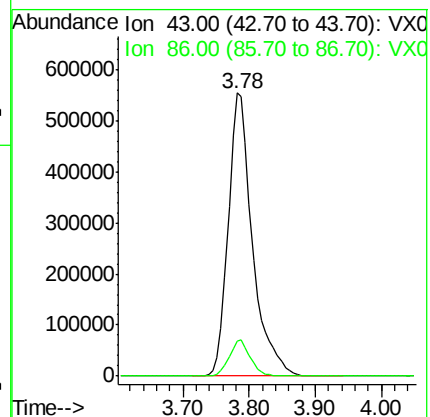
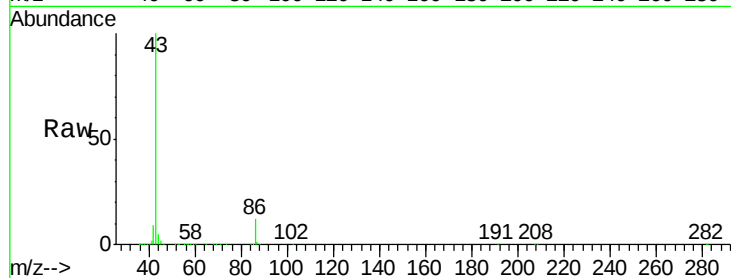
86 12.4 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 48.794 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

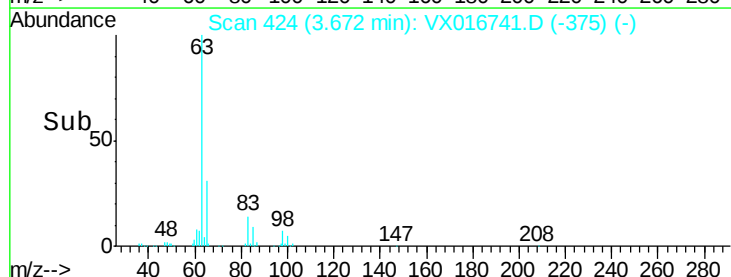
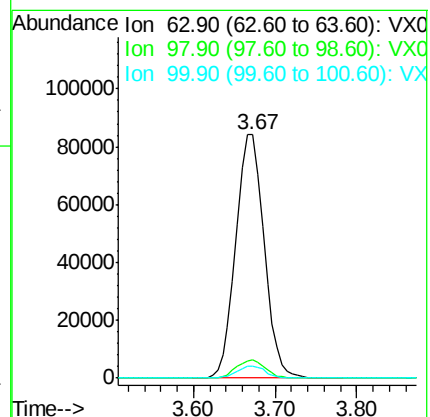
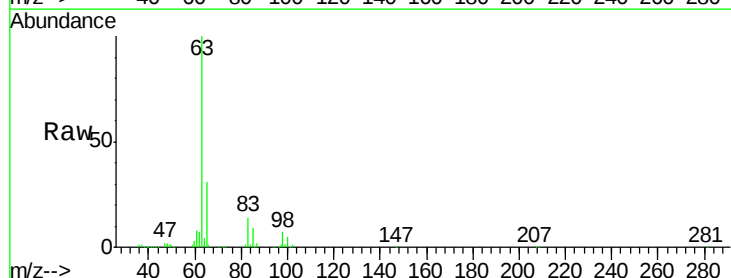
Tgt Ion: 63 Resp: 202307

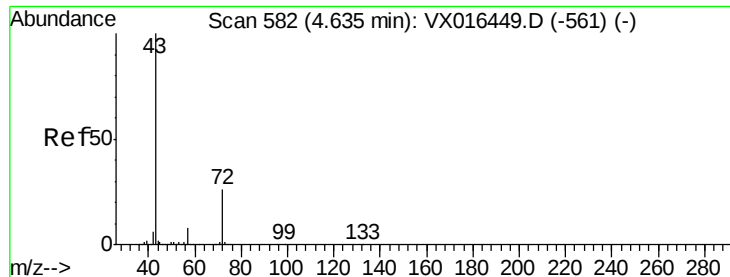
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 233.505 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 43 Resp: 465202

Ion Ratio Lower Upper

43 100

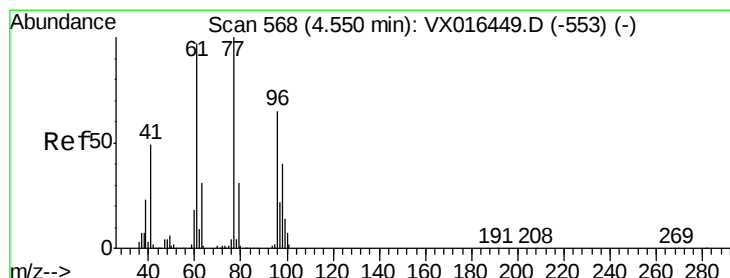
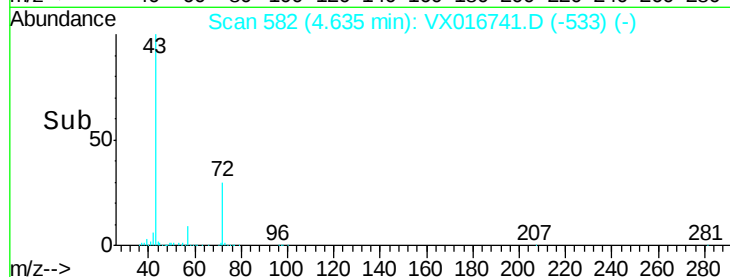
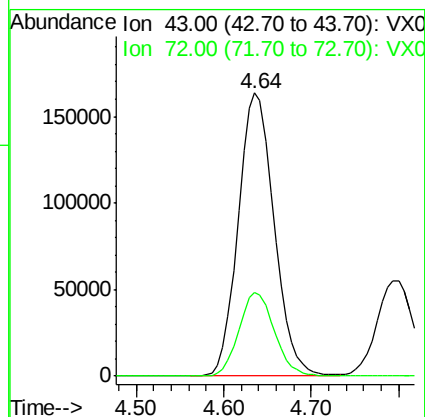
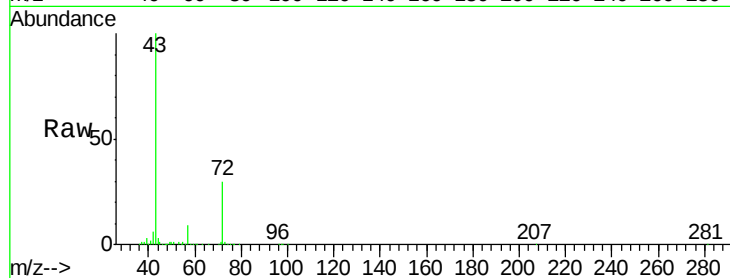
72 29.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.072 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016741.D

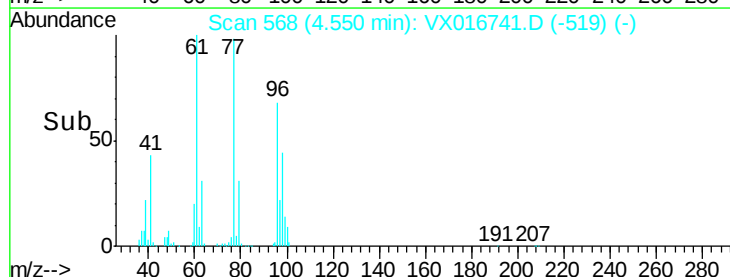
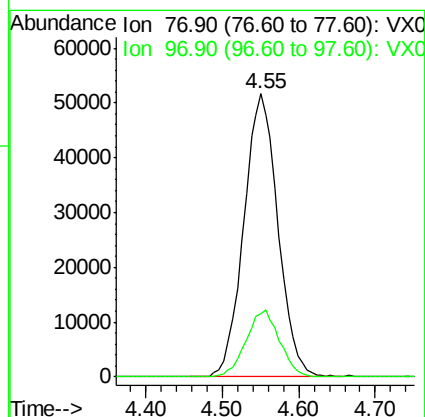
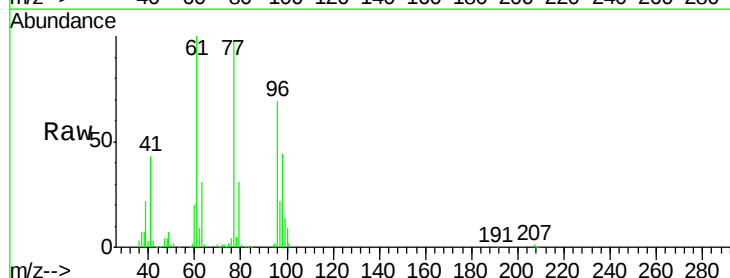
Acq: 12 Jun 2020 20:05

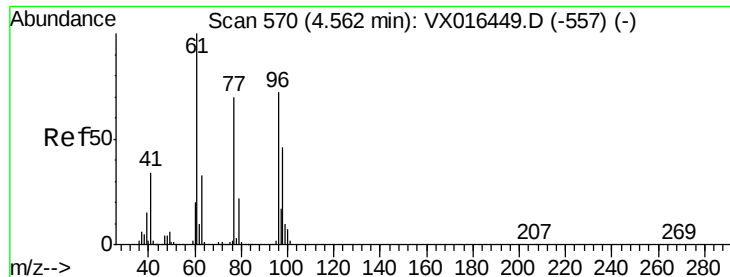
Tgt Ion: 77 Resp: 159701

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

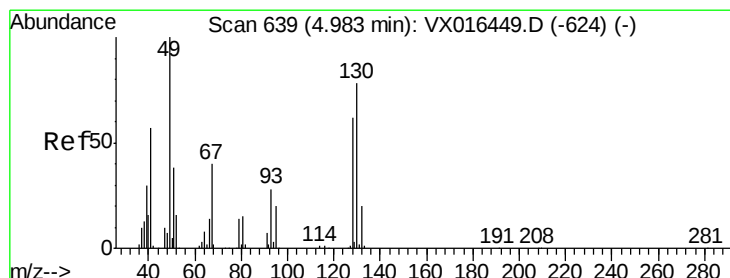
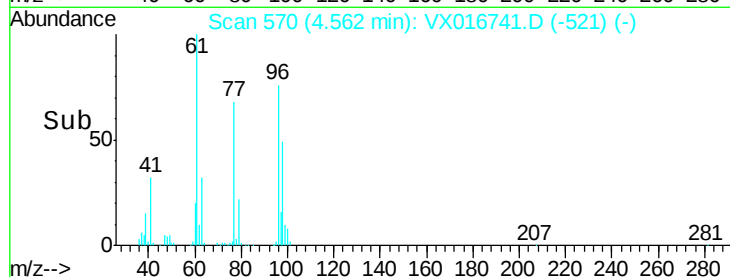
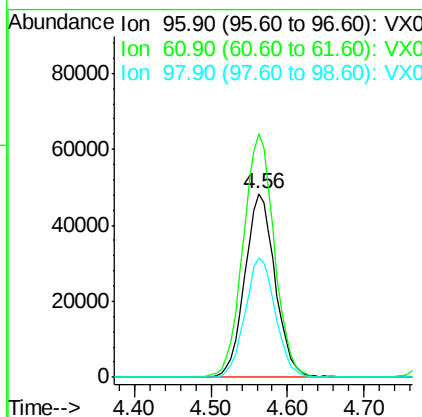
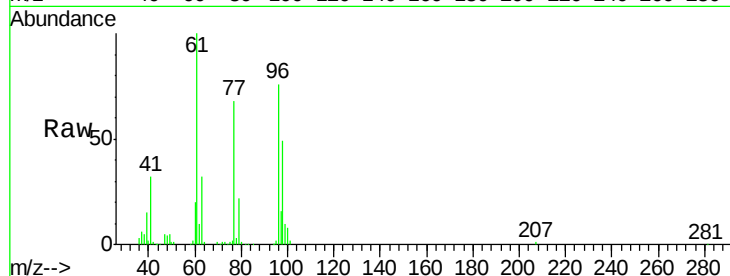
cis-1,2-Dichloroethene
Concen: 49.918 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	132817		
61	136.3	0.0	284.6	
98	65.6	0.0	127.2	

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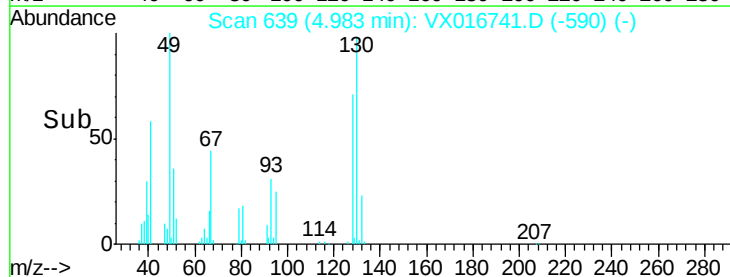
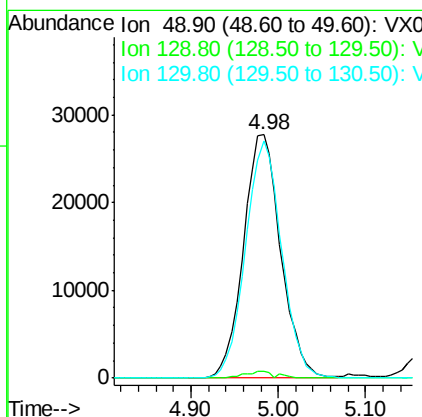
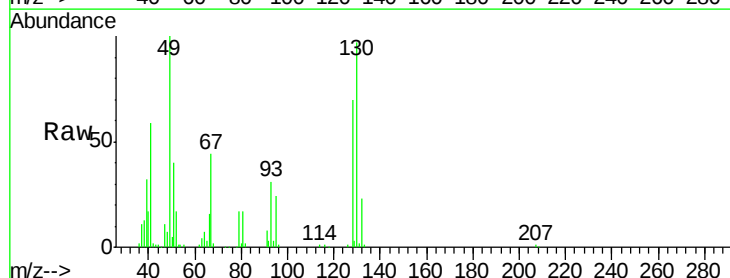
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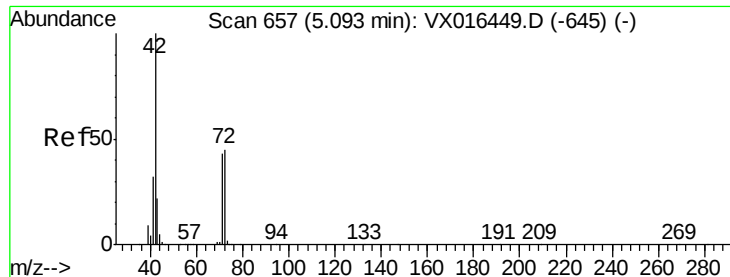


#28

Bromochloromethane
Concen: 42.655 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82183		
129	1.8	0.0	4.0	
130	94.5	63.0	94.4#	





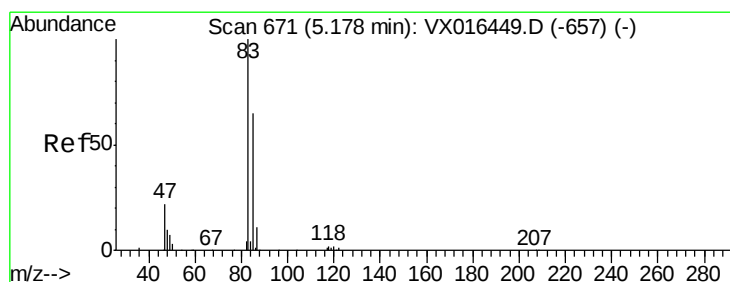
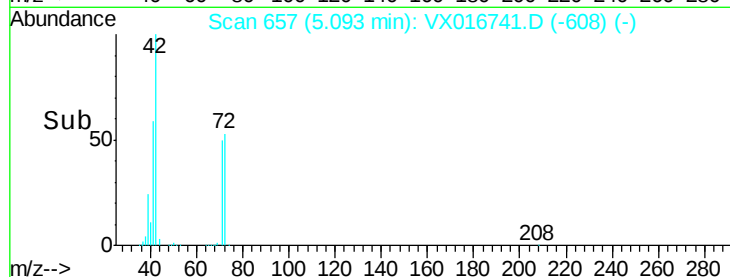
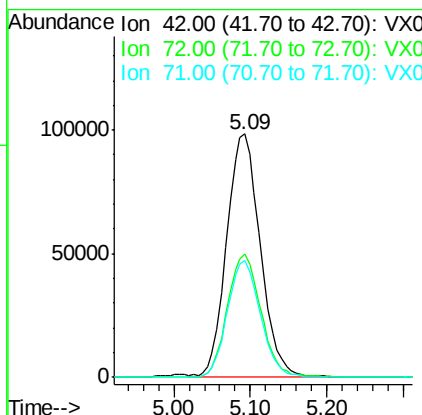
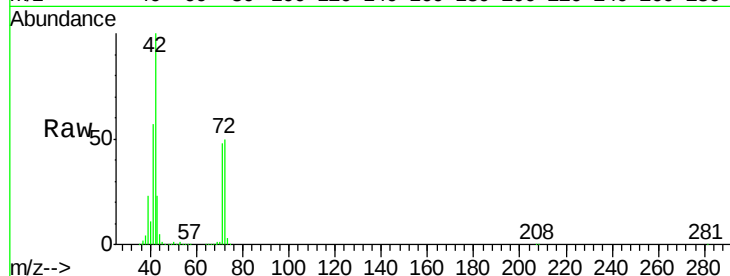
#29
Tetrahydrofuran
Concen: 232.044 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
42	100		
72	50.9	37.0	55.4
71	47.3	34.1	51.1

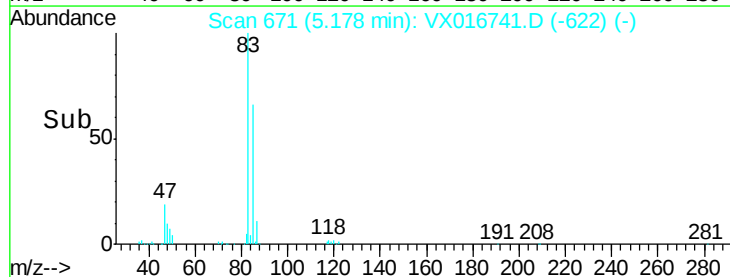
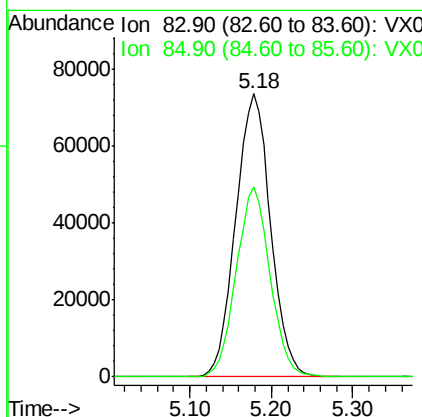
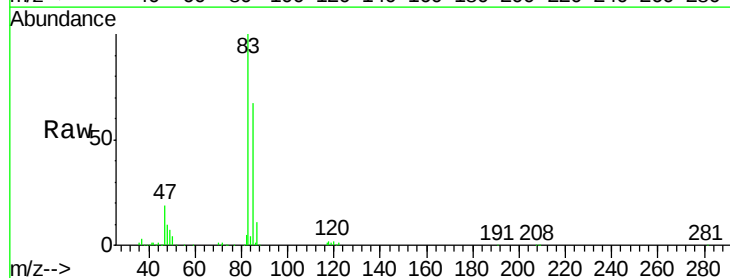
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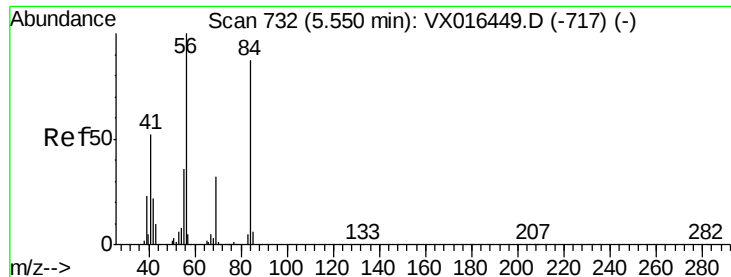
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#30
Chloroform
Concen: 52.281 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
85	66.9	52.0	78.0





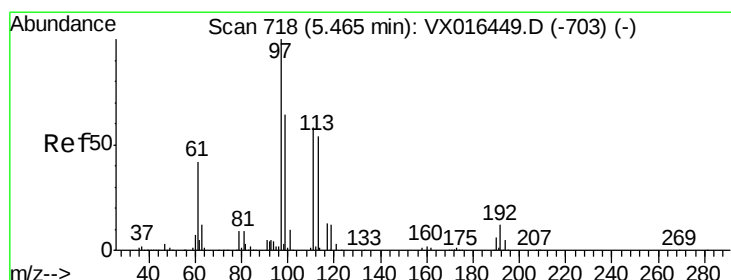
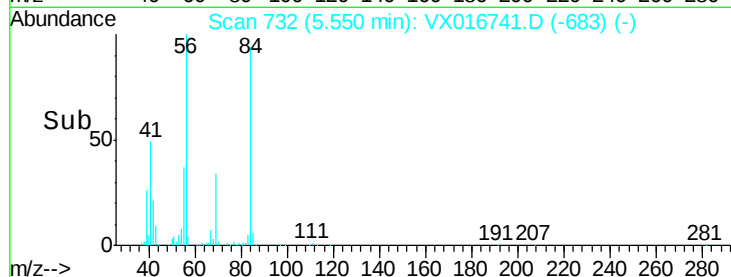
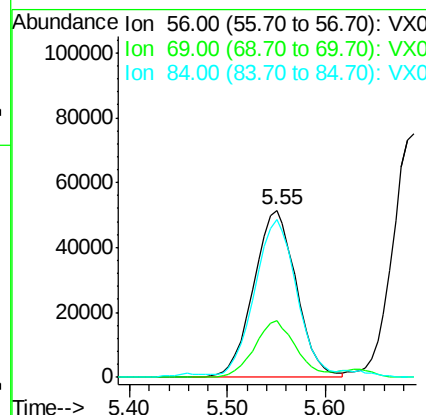
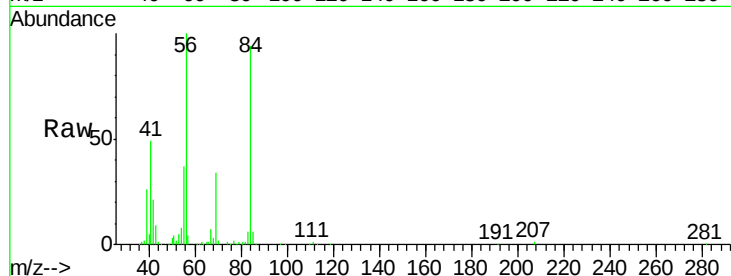
#31
Cyclohexane
Concen: 41.880 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.7	38.5
84	92.5	70.0	105.0

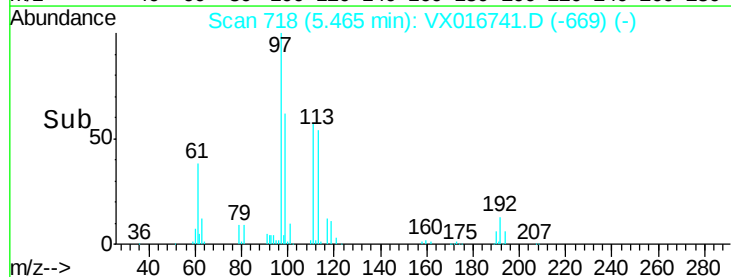
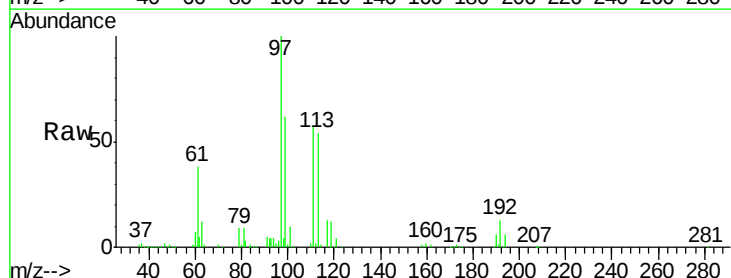
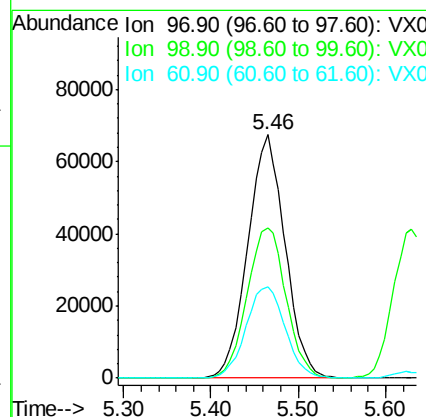
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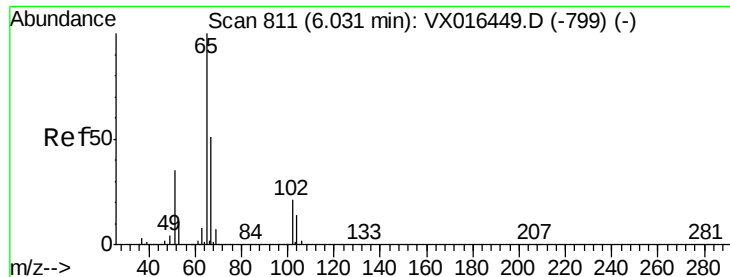
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#32
1,1,1-Trichloroethane
Concen: 52.789 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	39.7	33.5	50.3





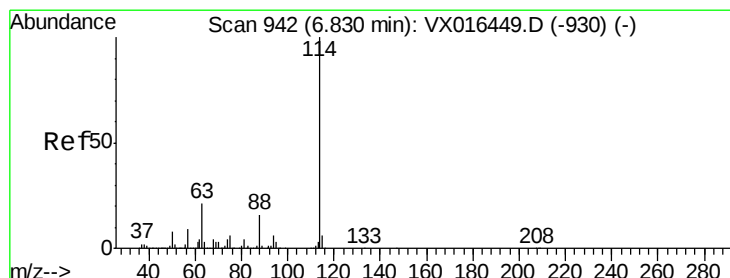
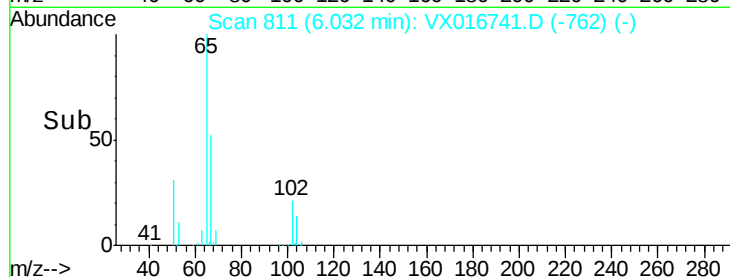
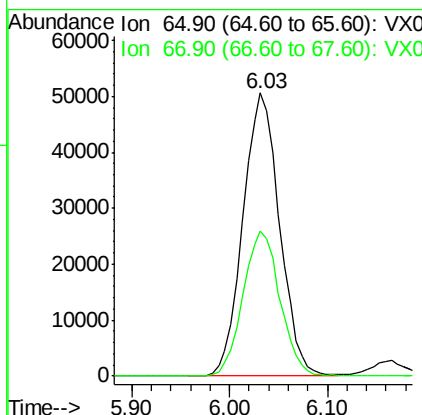
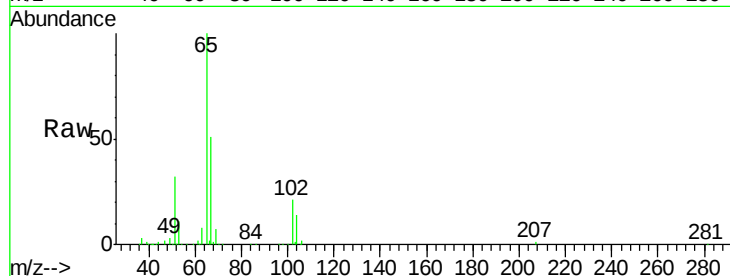
#33
 1,2-Dichloroethane-d4
 Concen: 48.954 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion: 65 Resp: 131372
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.8

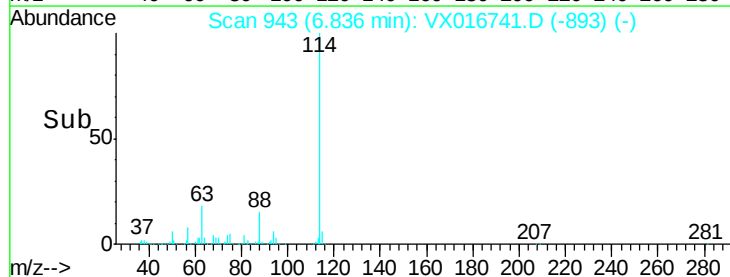
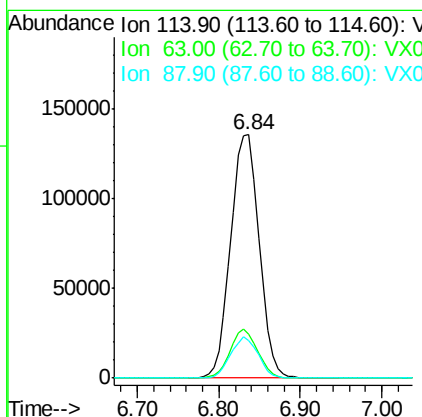
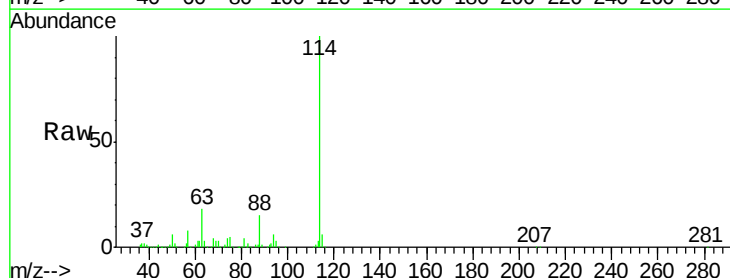
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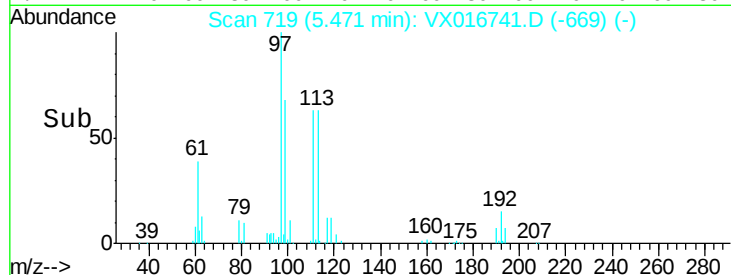
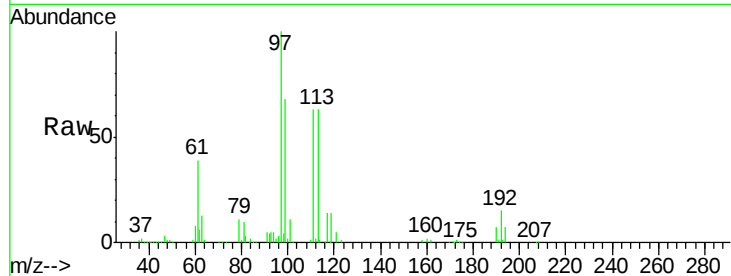
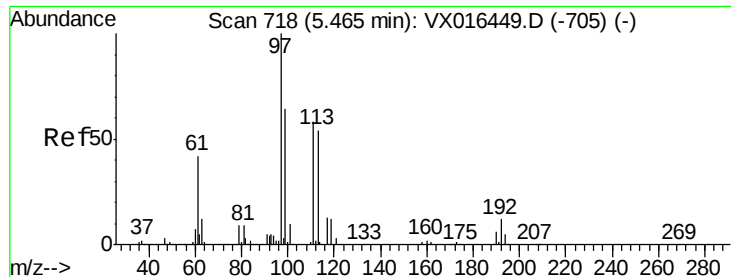
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion: 114 Resp: 327269
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.6
 88 15.5 0.0 32.8





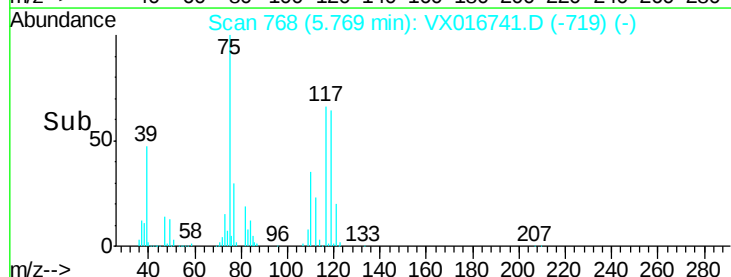
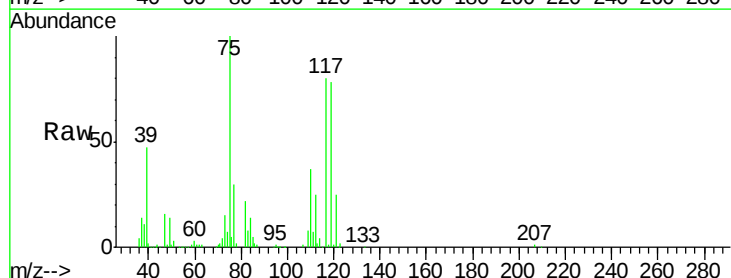
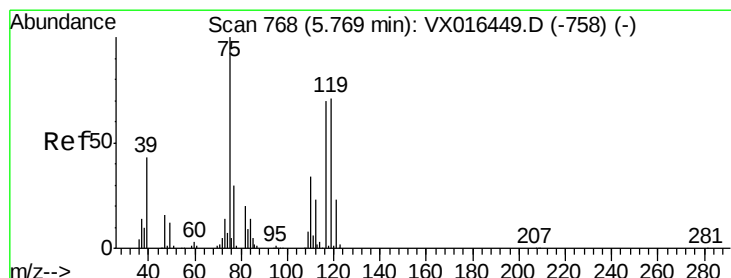
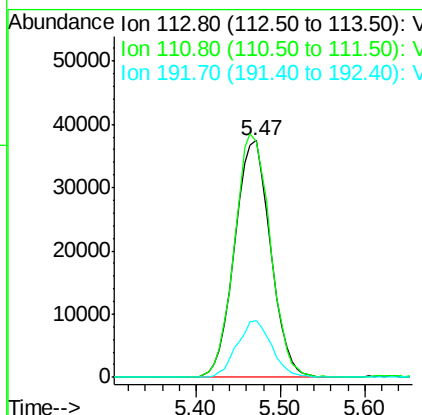
#35
Dibromofluoromethane
Concen: 53.603 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	108017		
111	102.6	83.0	124.6	
192	23.2	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

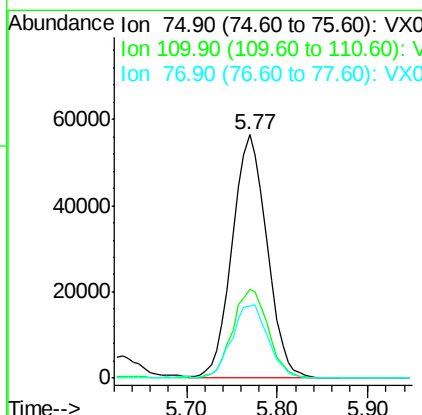
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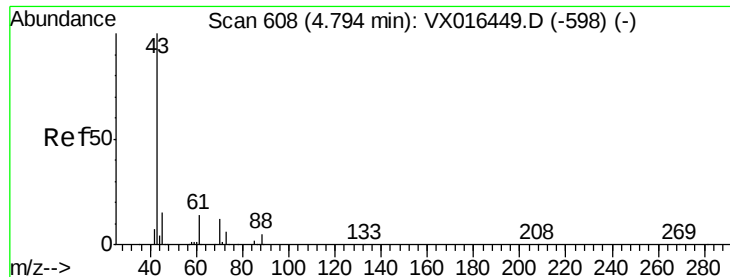
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#36
1,1-Dichloropropene
Concen: 48.237 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149469		
110	37.7	17.4	52.3	
77	31.6	24.2	36.4	





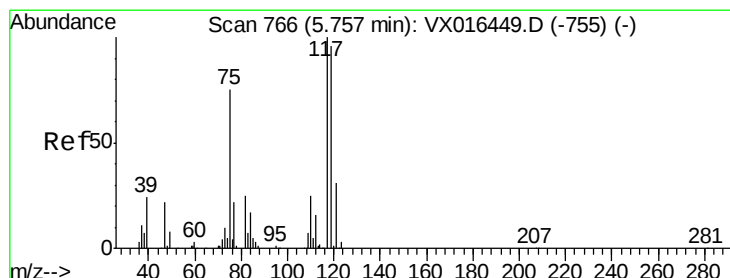
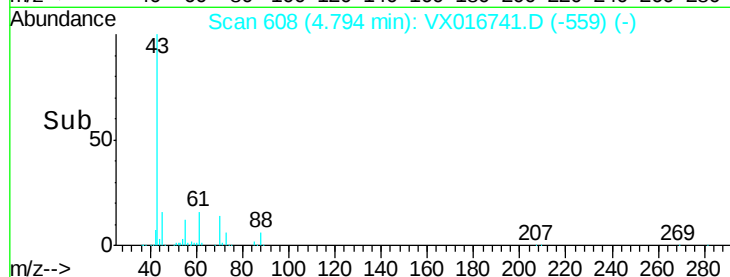
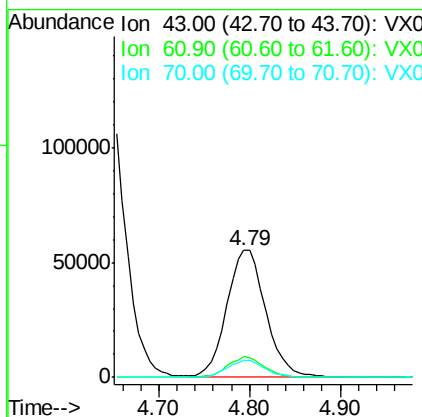
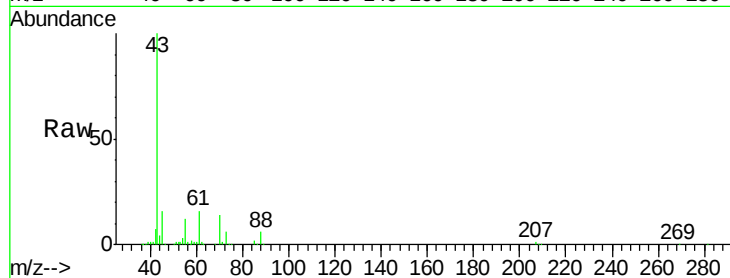
#37
Ethyl Acetate
Concen: 44.026 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	13.2	9.3	13.9

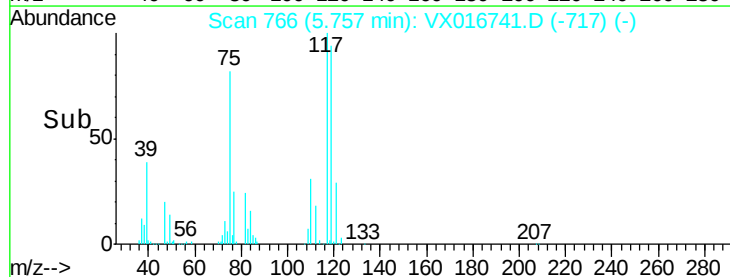
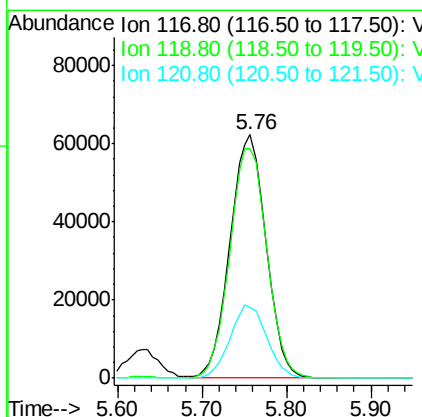
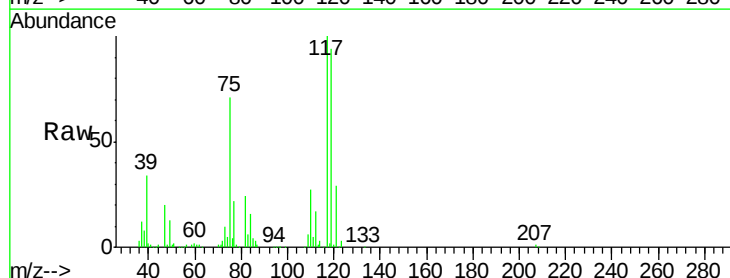
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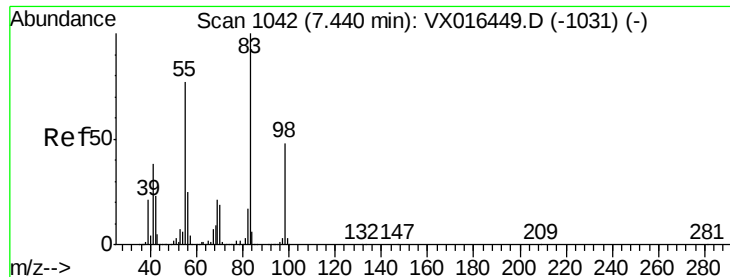
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#38
Carbon Tetrachloride
Concen: 55.475 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.3	114.5
121	29.3	24.6	37.0





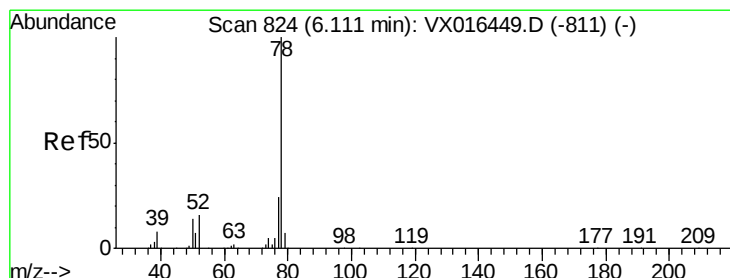
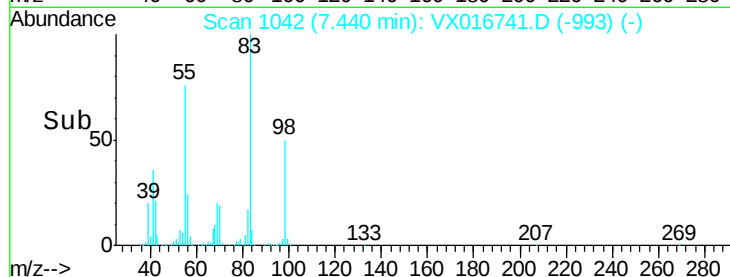
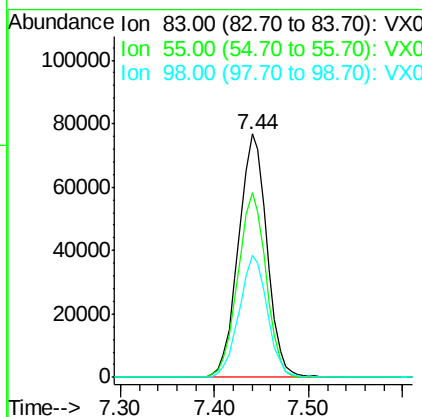
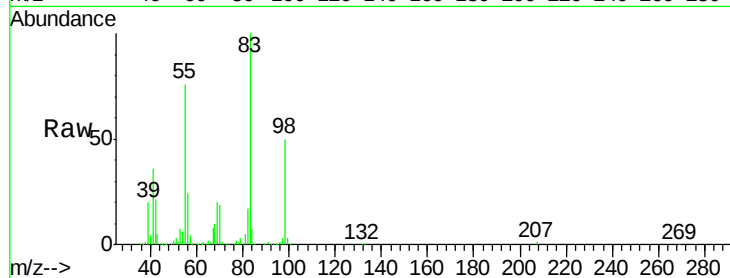
#39
Methylcyclohexane
Concen: 48.134 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	161999		
55	75.7	61.7	92.5	
98	50.2	38.7	58.1	

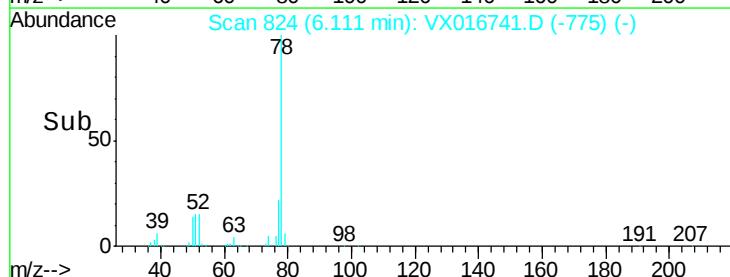
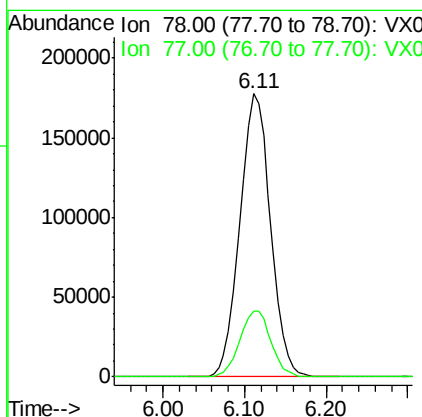
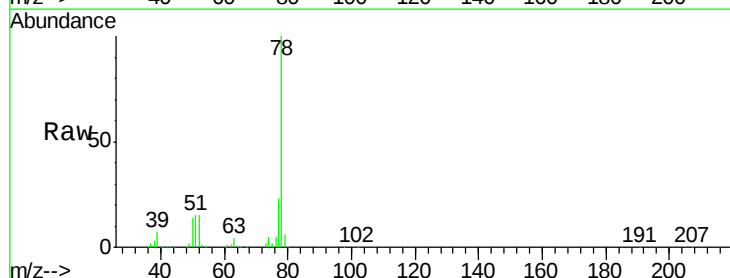
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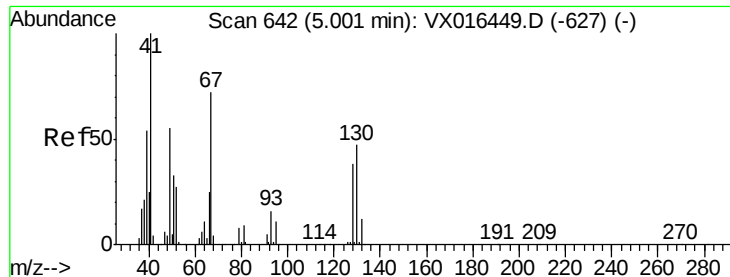
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#40
Benzene
Concen: 50.160 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	462854		
77	23.2	18.9	28.3	





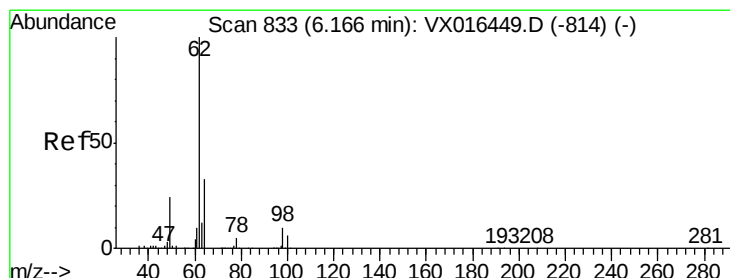
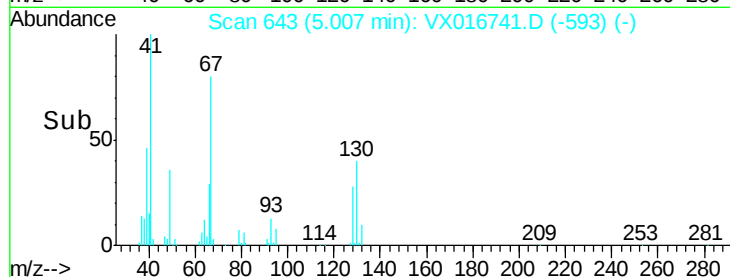
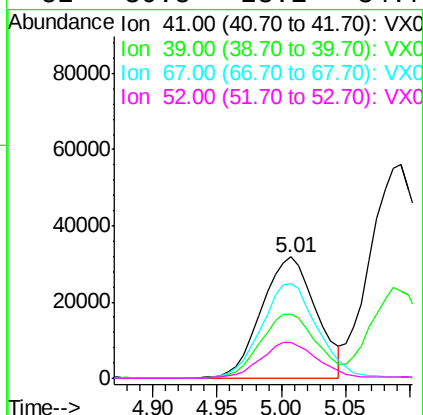
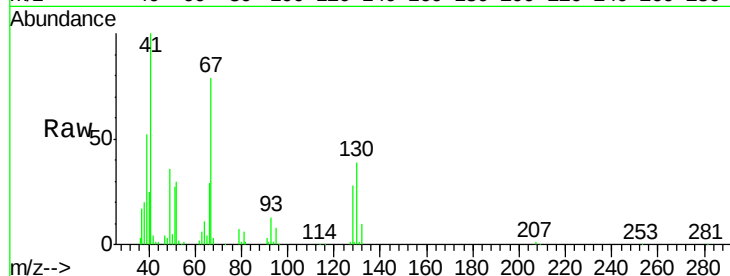
#41
Methacrylonitrile
Concen: 46.010 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.0	64.4
67	80.3	58.9	88.3
52	30.8	23.1	34.7

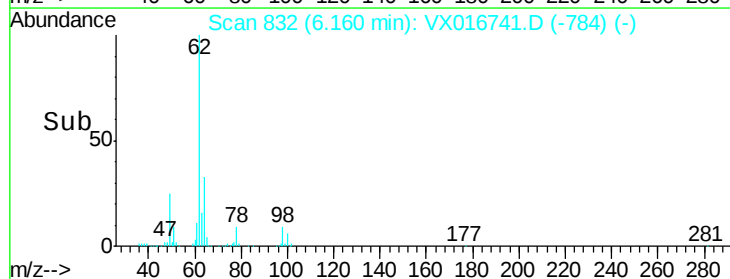
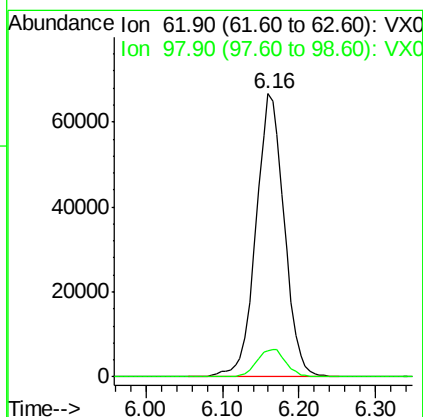
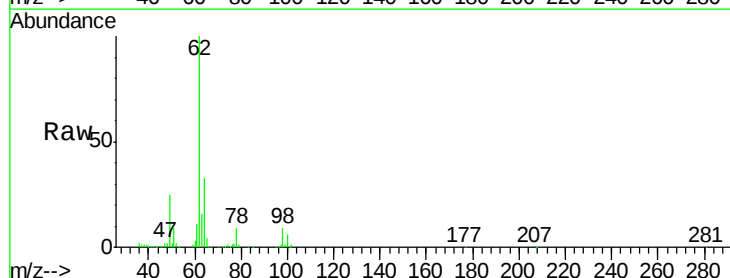
Manual Integrations
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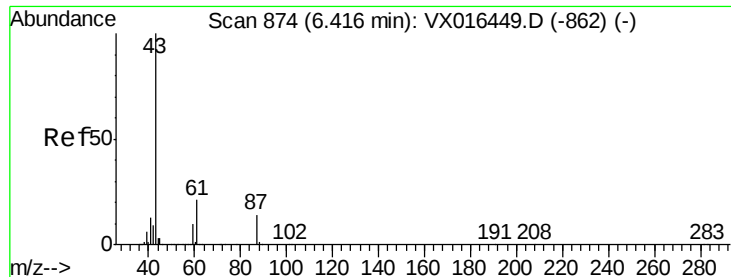
MMDadoda
6/15/2020 11:10:02 AM



#42
1,2-Dichloroethane
Concen: 52.402 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8





#43

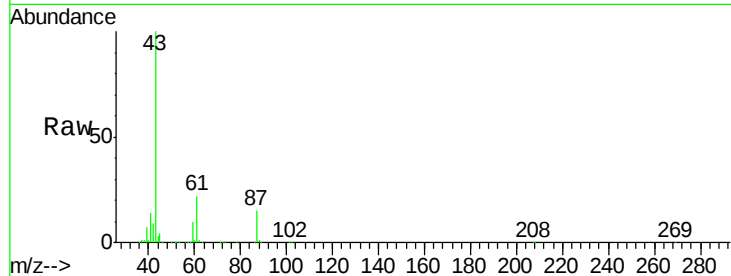
Isopropyl Acetate
 Concen: 45.502 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	15.7	11.2	16.8

Manual Integrations
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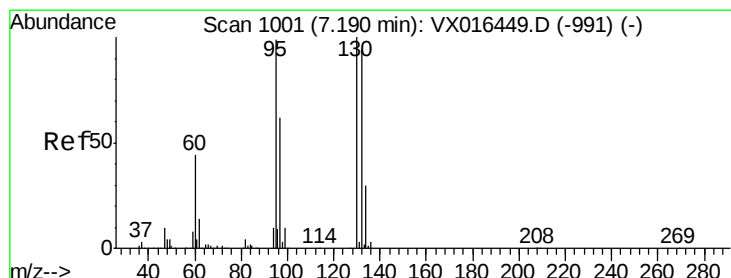
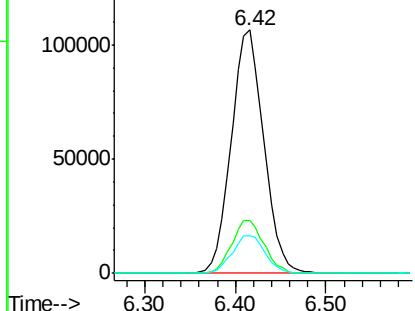
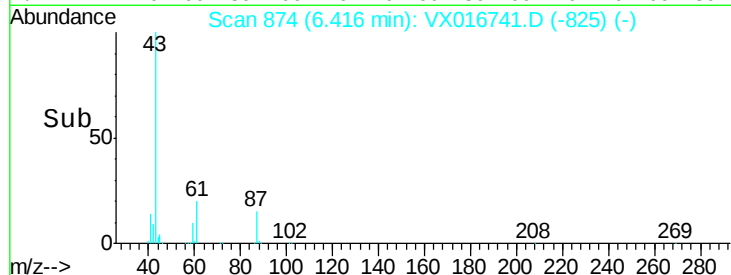
MMDadoda
 6/15/2020 11:10:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VX016741.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX016741.D (-825) (-)

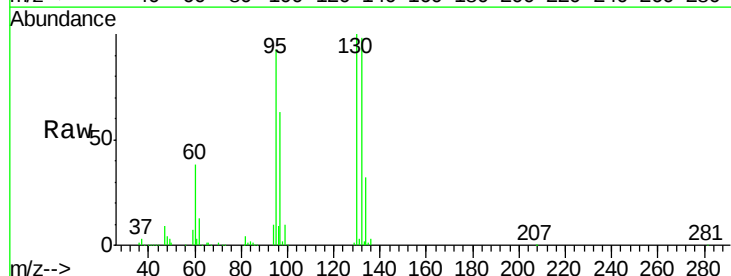
Ion 87.00 (86.70 to 87.70): VX016741.D (-825) (-)



#44

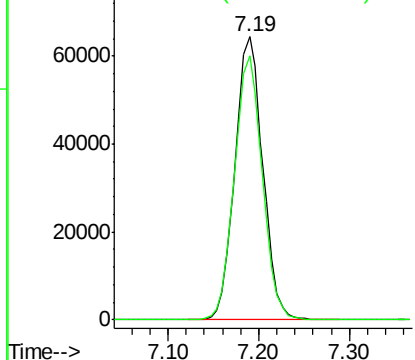
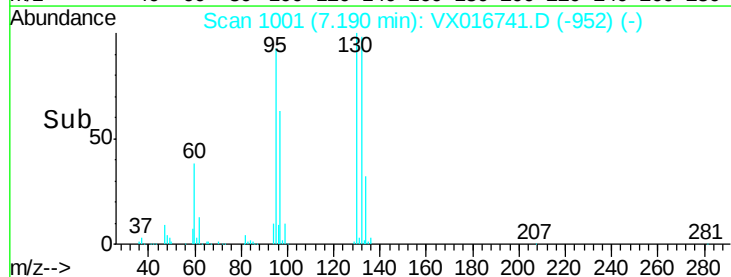
Trichloroethene
 Concen: 46.932 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

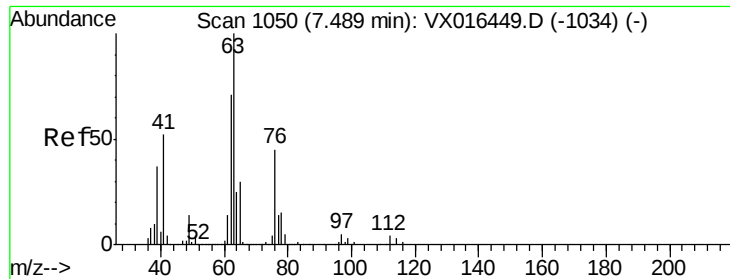
Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): VX016741.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX016741.D (-952) (-)





#45

1,2-Dichloropropane

Concen: 49.538 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 63 Resp: 116370

Ion Ratio Lower Upper

63 100

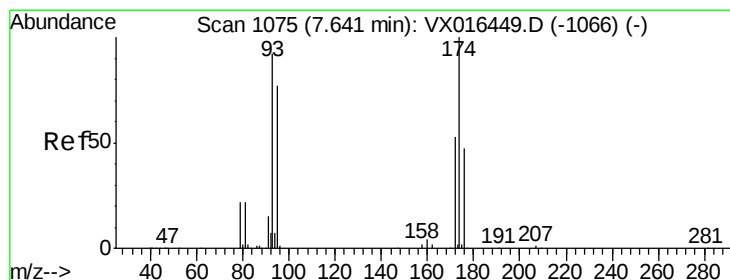
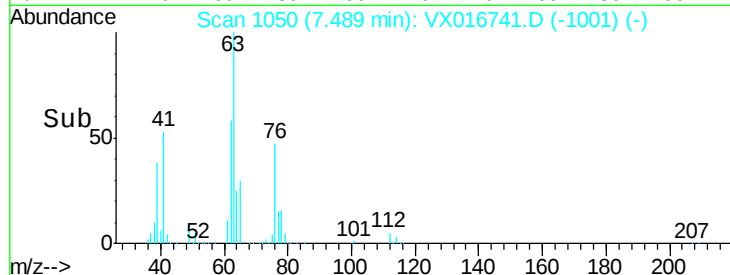
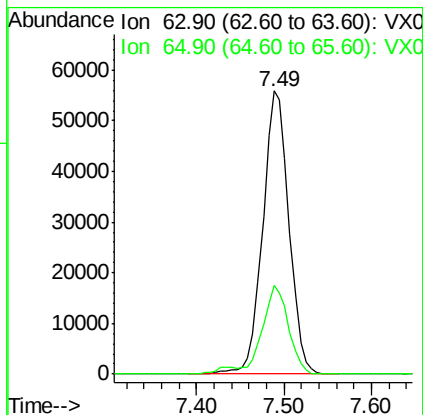
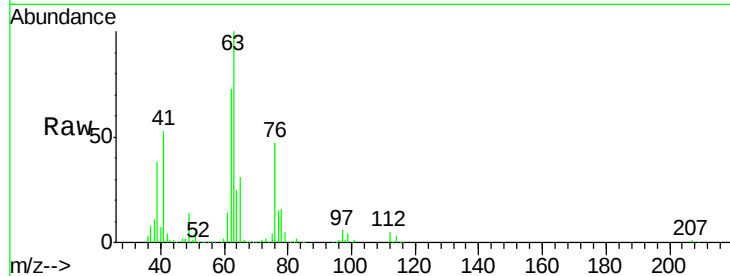
65 31.5 24.2 36.2

Manual Integrations

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6/15/2020 11:10:02 AM



#46

Dibromomethane

Concen: 52.756 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

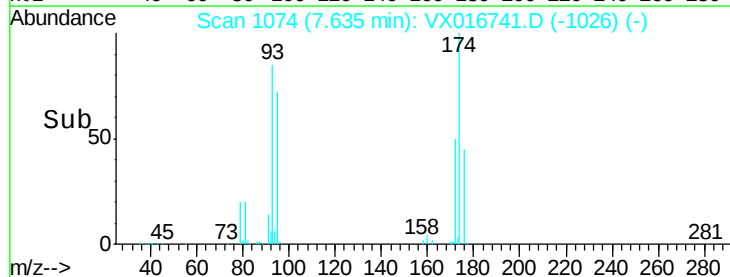
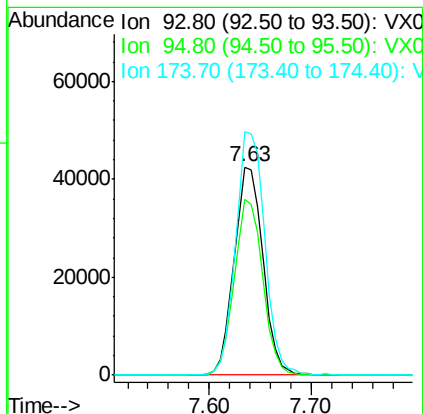
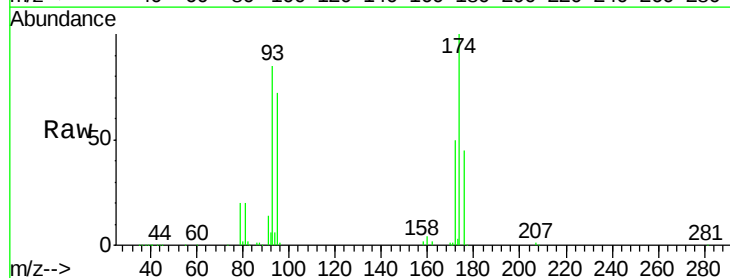
Tgt Ion: 93 Resp: 83241

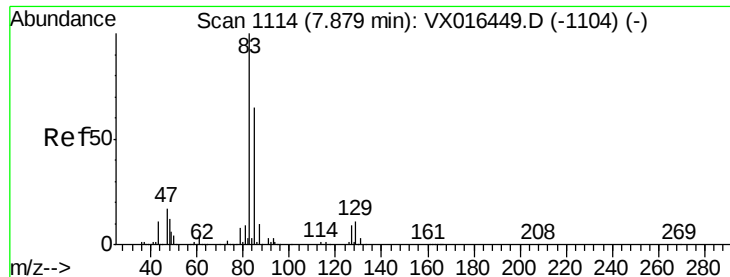
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 118.5 86.2 129.4





#47

Bromodichloromethane

Concen: 54.445 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

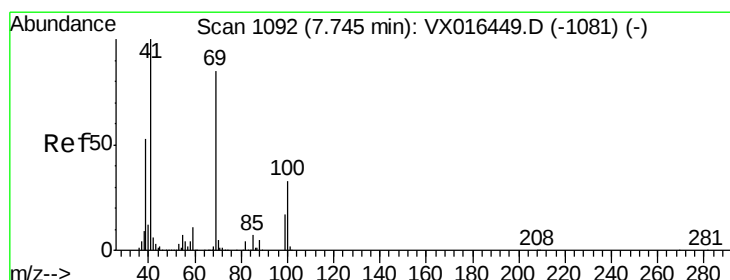
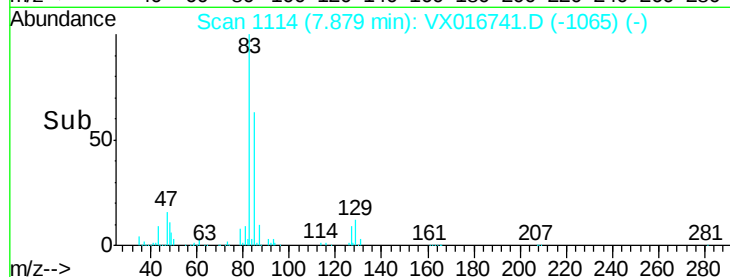
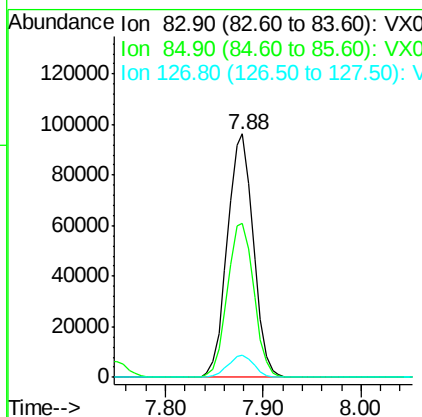
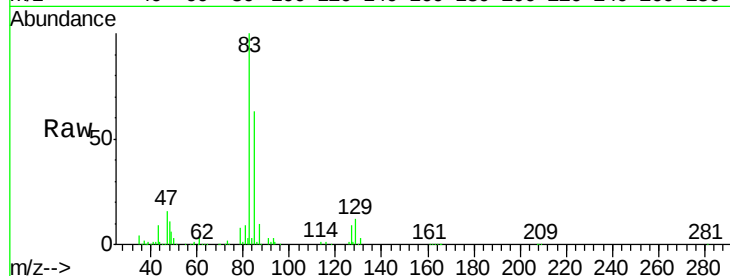
ClientSampleId :

LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	177875		
85	63.5	52.0	78.0	
127	9.3	7.4	11.0	

Manual Integrations
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MMDadoda
6/15/2020 11:10:02 AM



#48

Methyl methacrylate

Concen: 47.122 ug/l

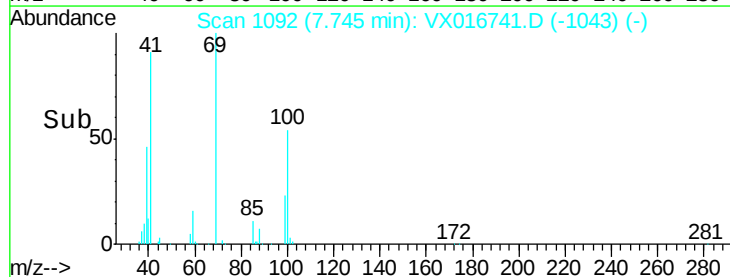
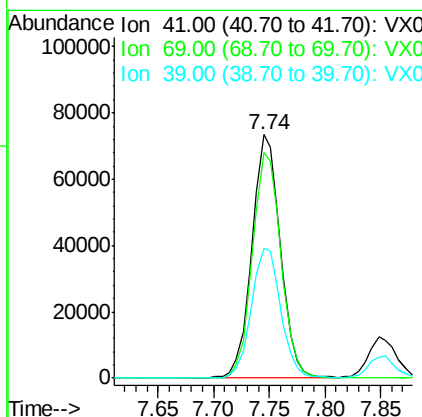
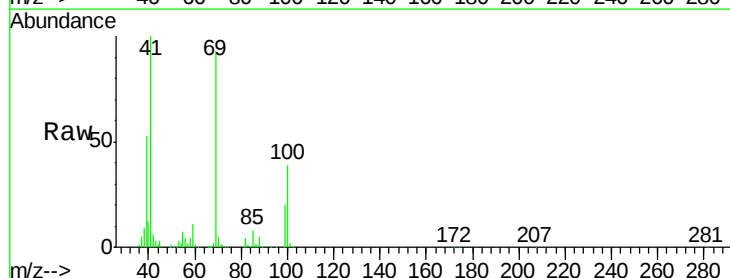
RT: 7.74 min Scan# 1092

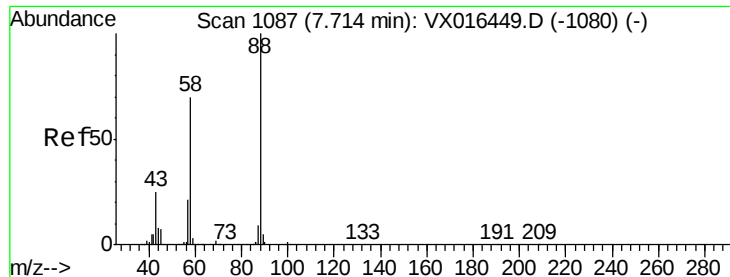
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	130922		
69	93.4	68.6	102.8	
39	55.3	42.4	63.6	





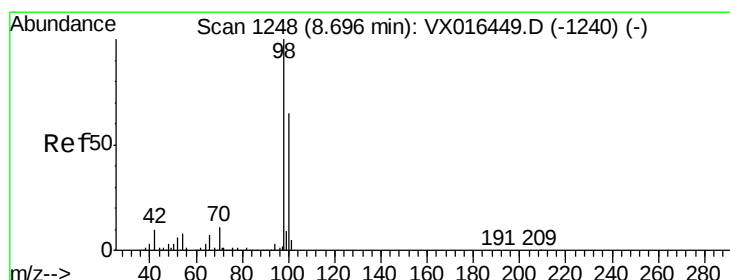
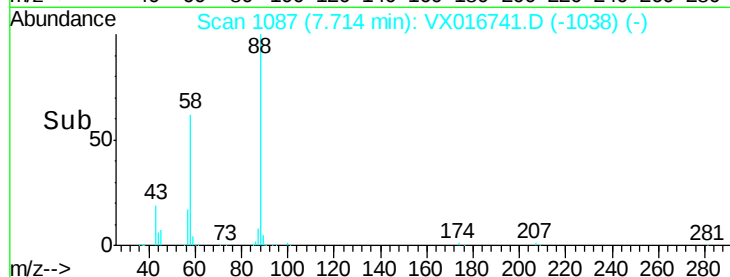
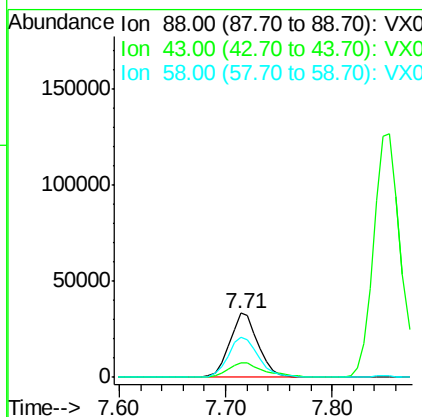
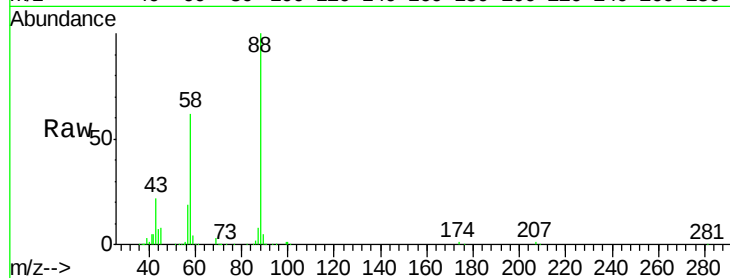
#49
1,4-Dioxane
Concen: 960.877 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.2	36.4
58	66.6	56.5	84.7

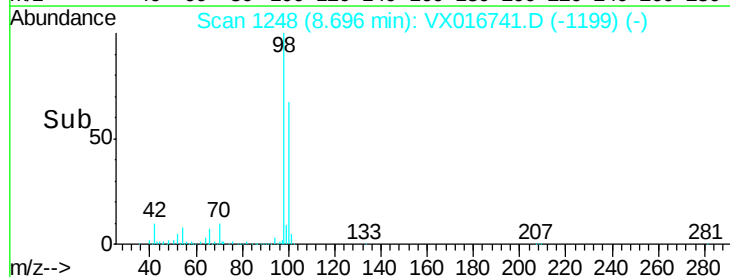
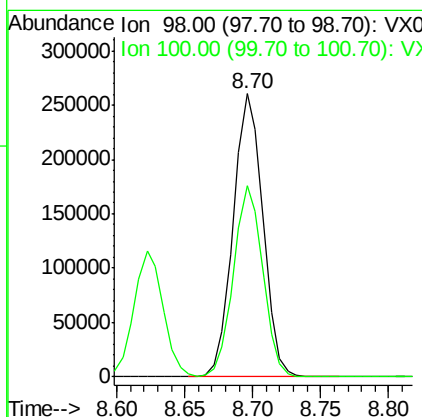
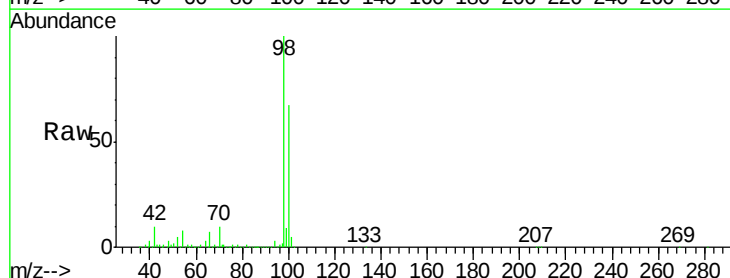
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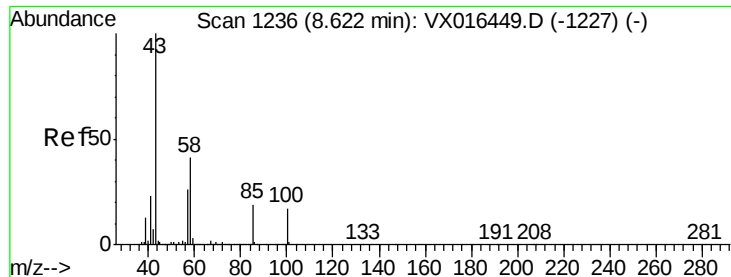
MMDadoda
6/15/2020 11:10:02 AM



#50
Toluene-d8
Concen: 50.440 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





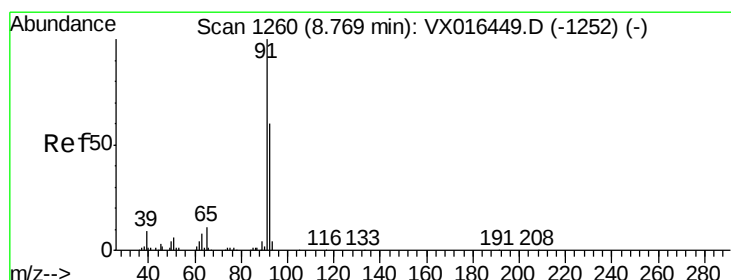
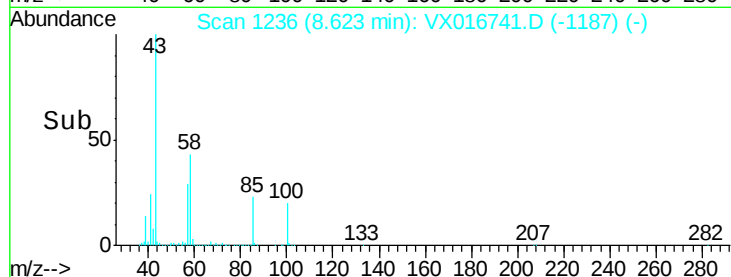
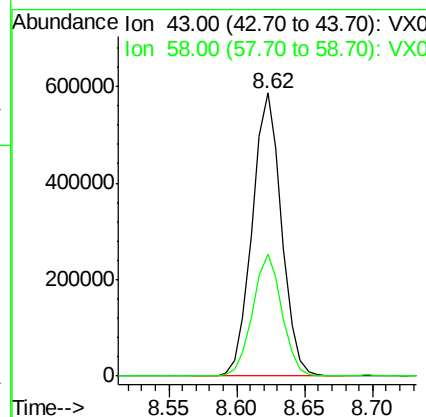
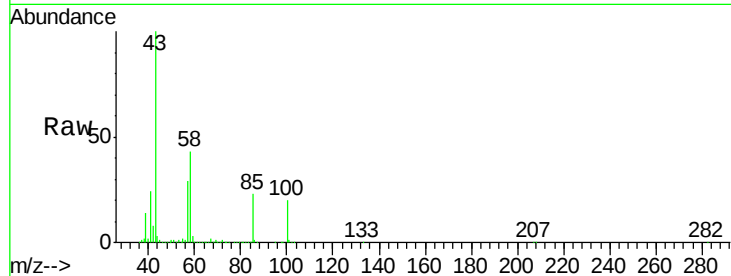
#51
4-Methyl-2-Pentanone
Concen: 245.765 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.8	33.0	49.6

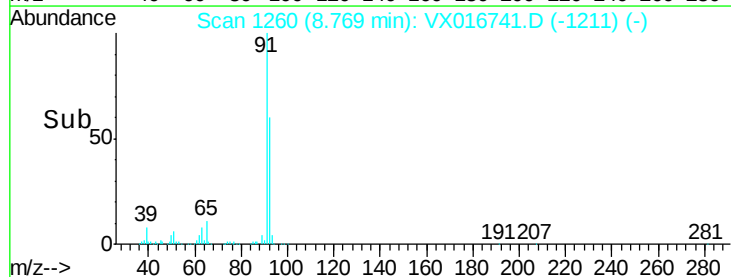
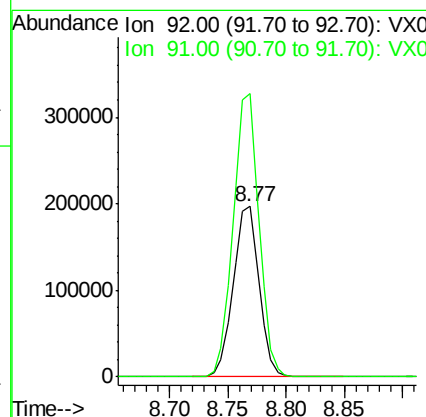
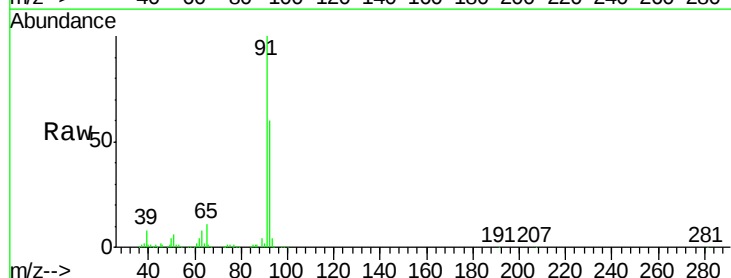
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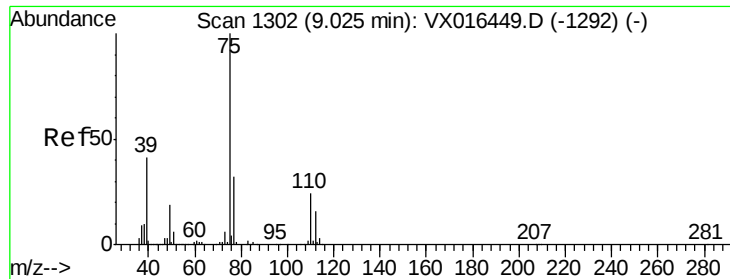
MMDadoda
6/15/2020 11:10:02 AM



#52
Toluene
Concen: 52.197 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.5	135.0	202.4





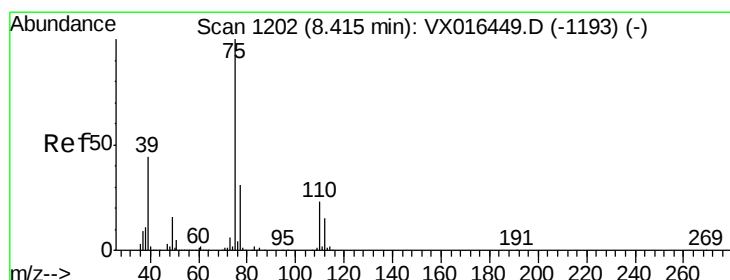
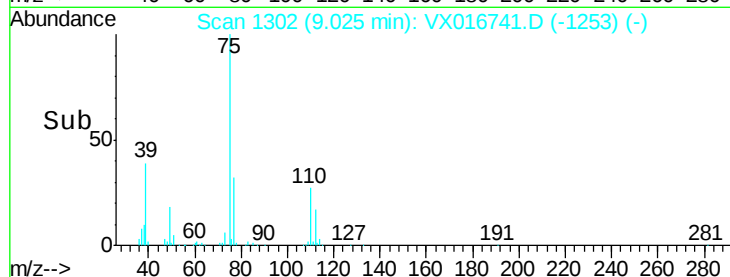
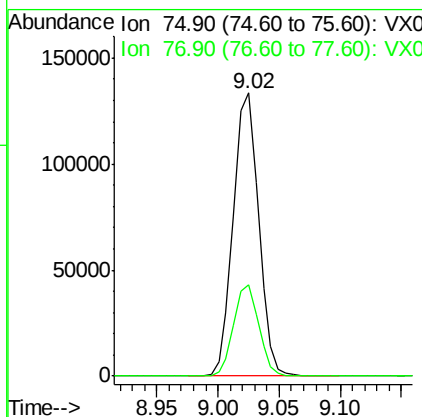
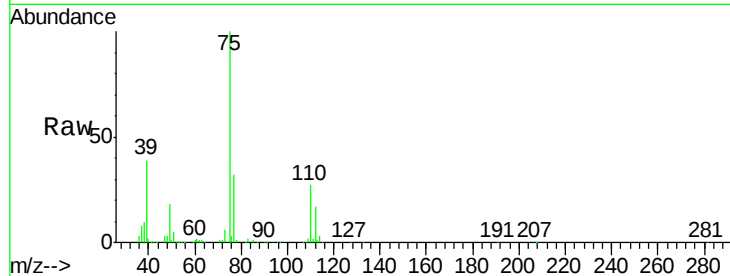
#53
t-1,3-Dichloropropene
Concen: 51.751 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3

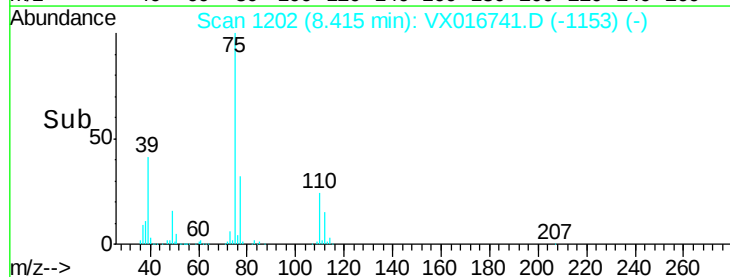
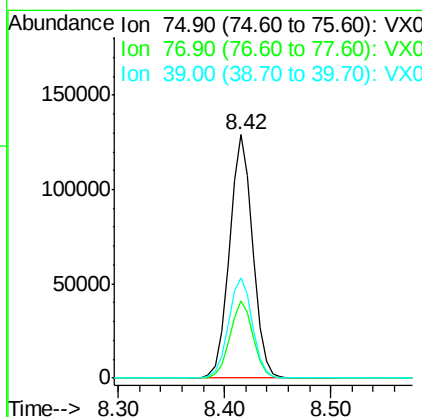
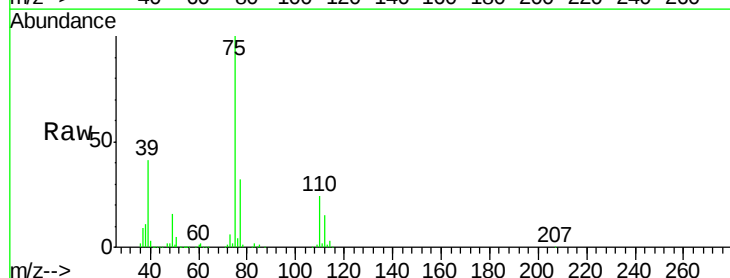
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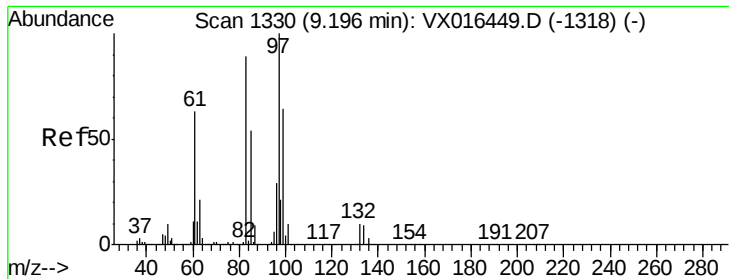
MMDadoda
6/15/2020 11:10:02 AM



#54
cis-1,3-Dichloropropene
Concen: 50.074 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	36.8
39	41.0	35.3	52.9





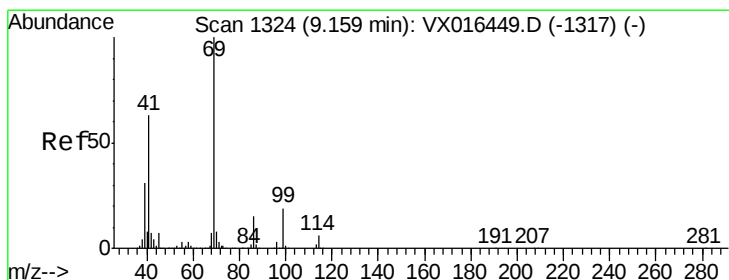
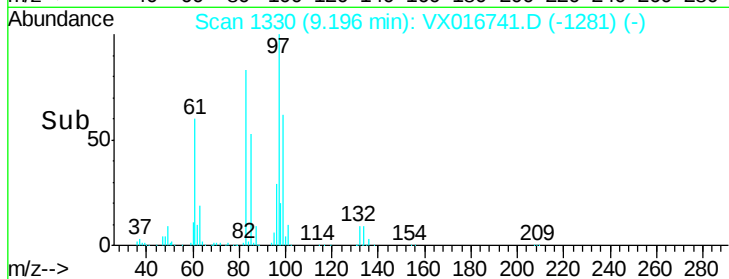
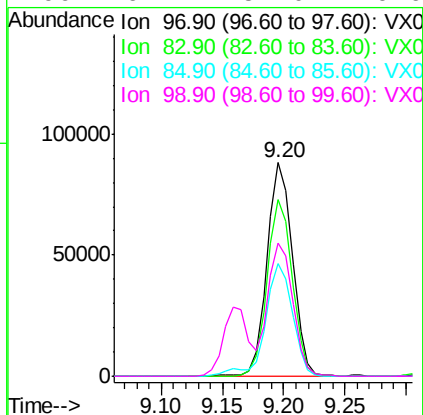
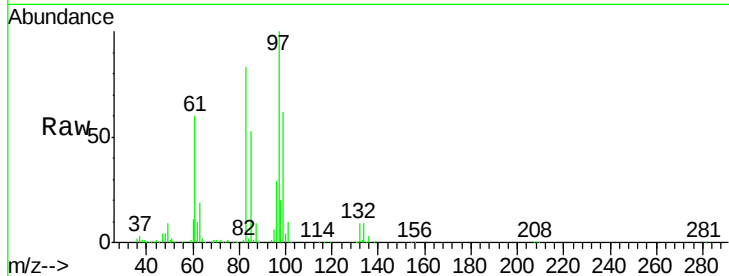
#55
 1,1,2-Trichloroethane
 Concen: 55.378 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	128120		
83	82.7	70.9	106.3	
85	53.0	43.4	65.2	
99	62.2	51.0	76.6	

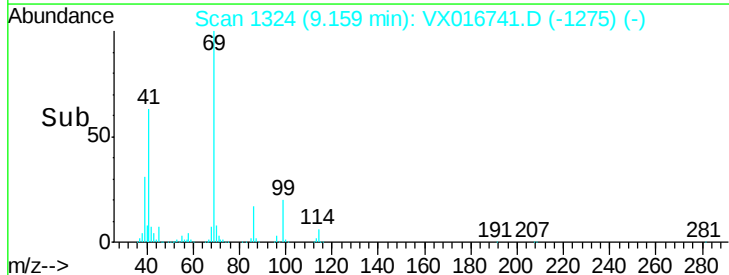
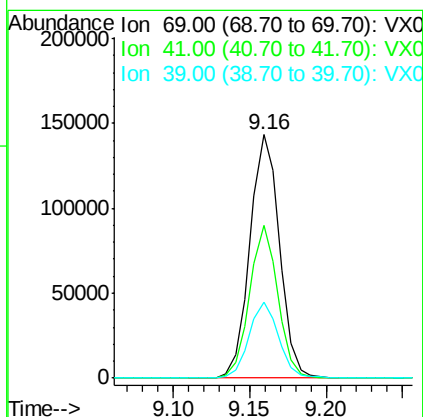
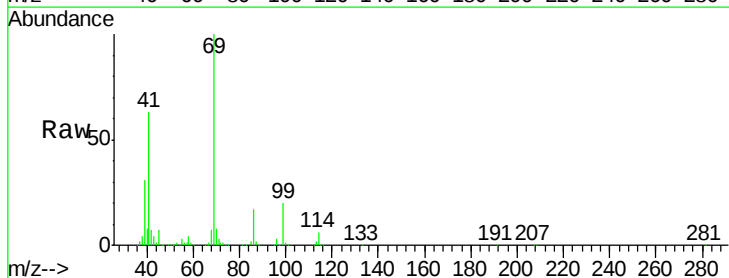
Manual Integrations
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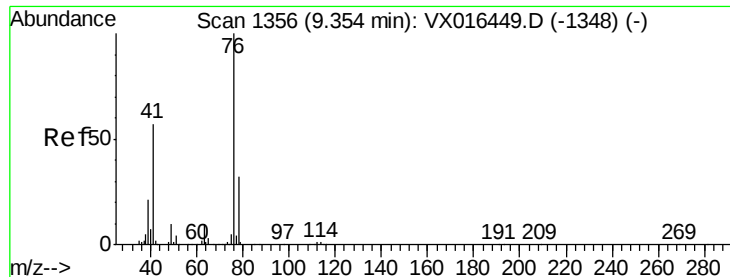
MMDadoda
 6/15/2020 11:10:02 AM



#56
 Ethyl methacrylate
 Concen: 51.217 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	192983		
41	60.2	50.7	76.1	
39	31.4	25.8	38.6	





#57

1,3-Dichloropropane

Concen: 52.147 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 76 Resp: 207083

Ion Ratio Lower Upper

76 100

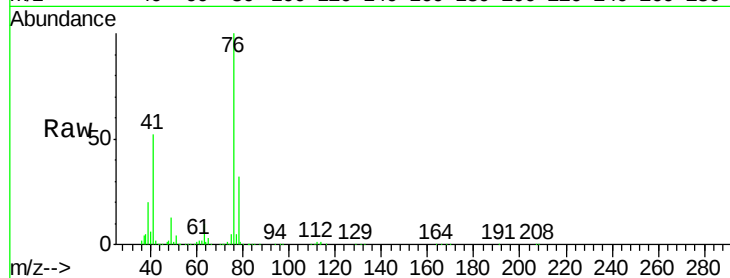
78 32.9 26.2 39.4

Manual Integrations

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MMDadoda

6/15/2020 11:10:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

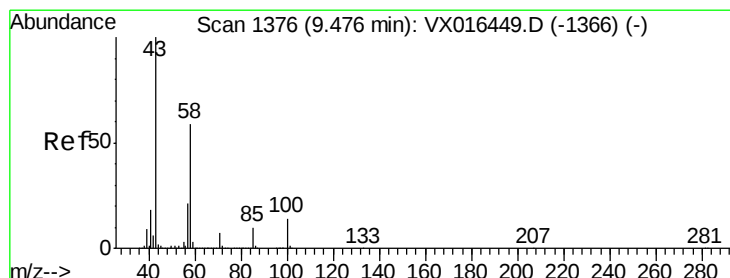
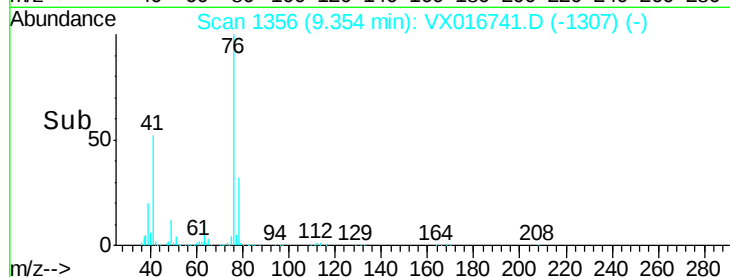
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 247.811 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016741.D

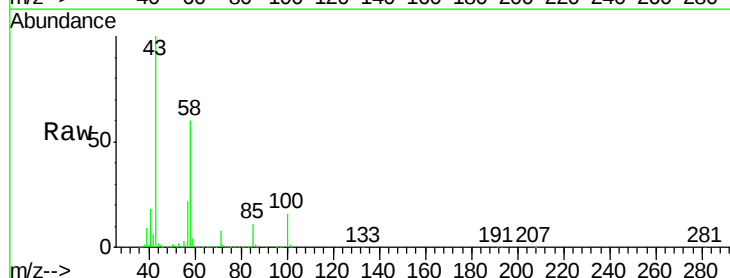
Acq: 12 Jun 2020 20:05

Tgt Ion: 43 Resp: 696299

Ion Ratio Lower Upper

43 100

58 59.5 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

600000

500000

400000

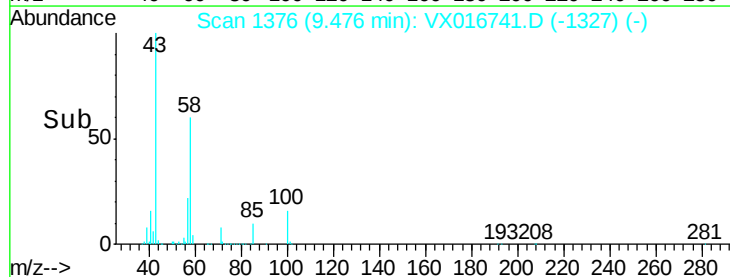
300000

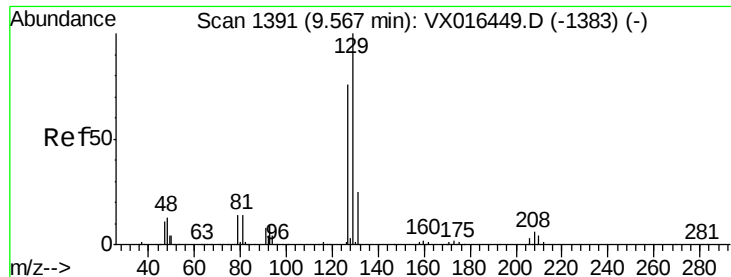
200000

100000

0

Time-->





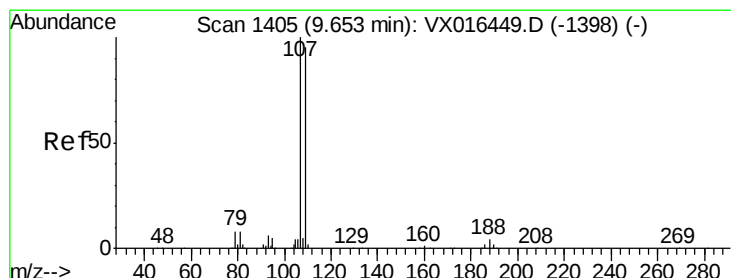
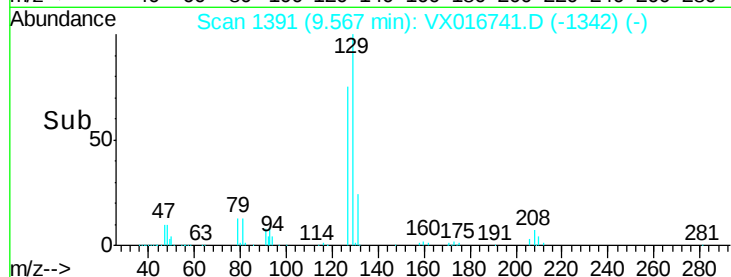
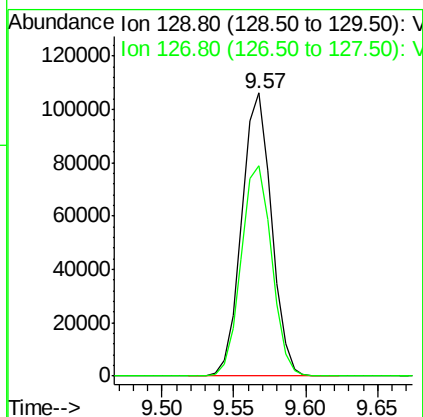
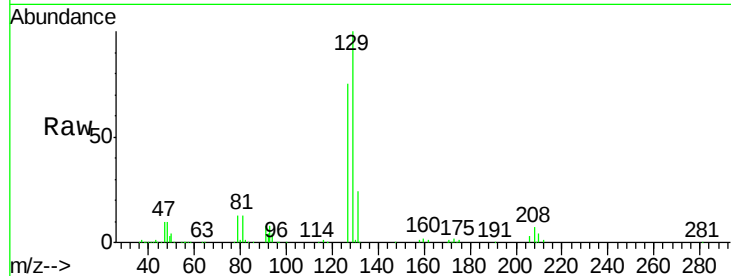
#60
Dibromochloromethane
Concen: 58.453 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion:129 Resp: 152188
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

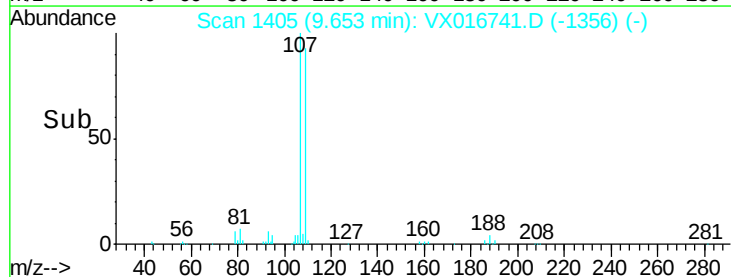
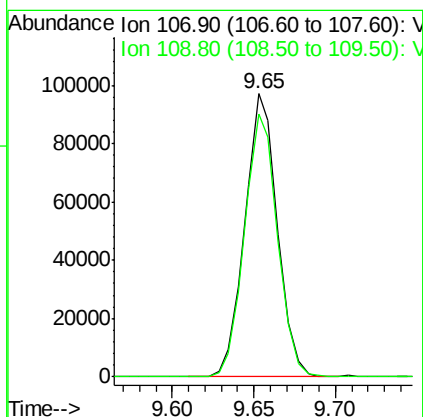
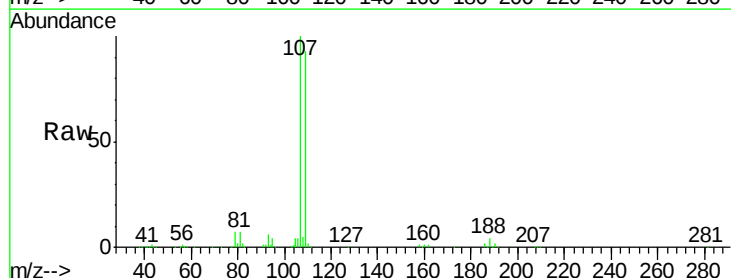
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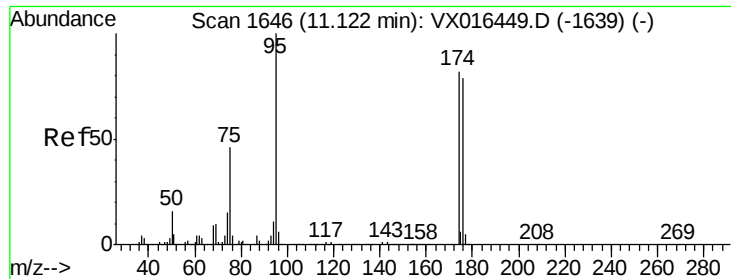
MMDadoda
6/15/2020 11:10:02 AM



#61
1,2-Dibromoethane
Concen: 54.314 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:107 Resp: 134563
Ion Ratio Lower Upper
107 100
109 94.7 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 52.184 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 95 Resp: 158152
Ion Ratio Lower Upper

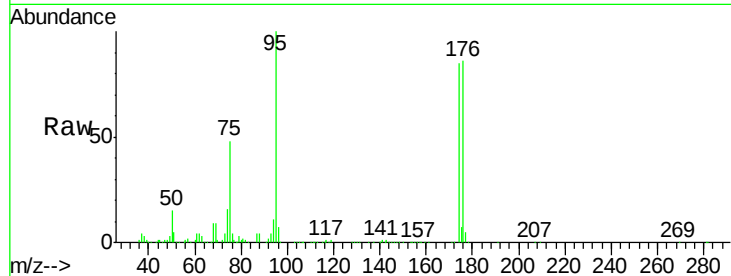
95 100

174 86.1 0.0 163.0

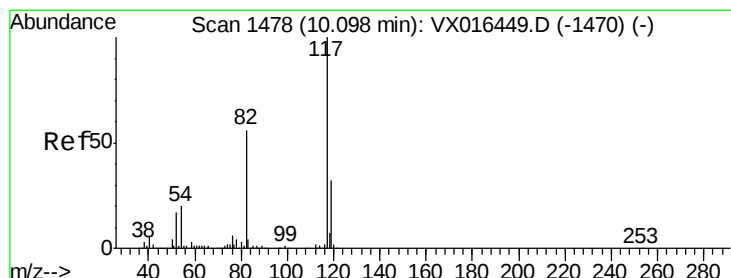
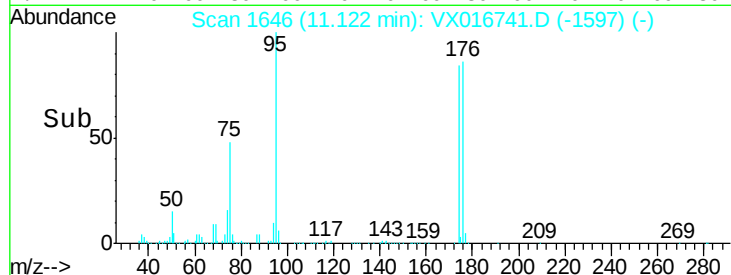
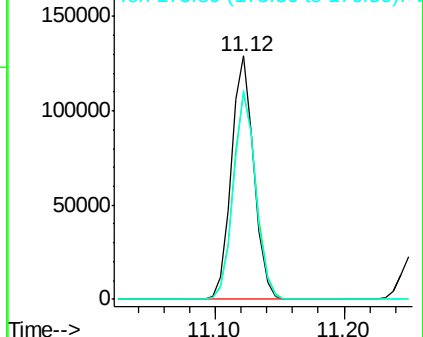
176 84.0 0.0 156.8

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Abundance Ion 94.90 (94.60 to 95.60): VX016741.D (-1597) (-)
Ion 173.80 (173.50 to 174.50): VX016741.D (-1597) (-)
Ion 175.80 (175.50 to 176.50): VX016741.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016741.D

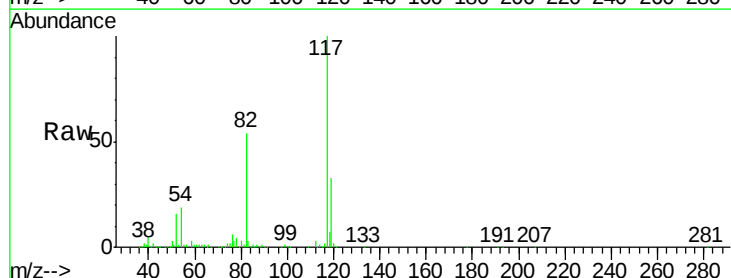
Acq: 12 Jun 2020 20:05

Tgt Ion: 117 Resp: 313830
Ion Ratio Lower Upper

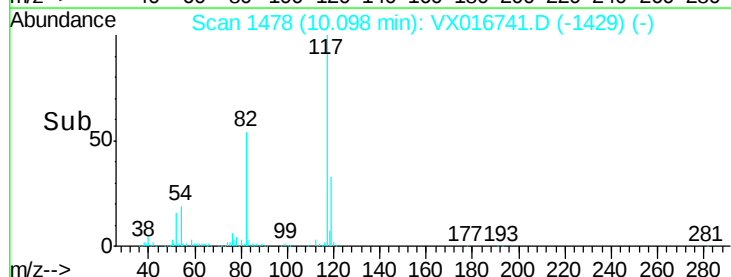
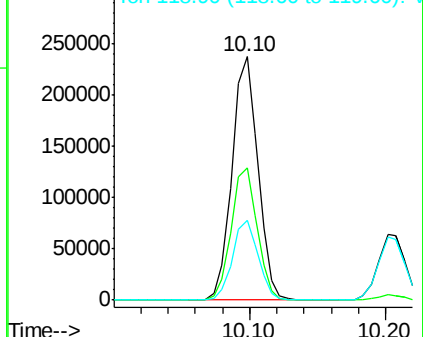
117 100

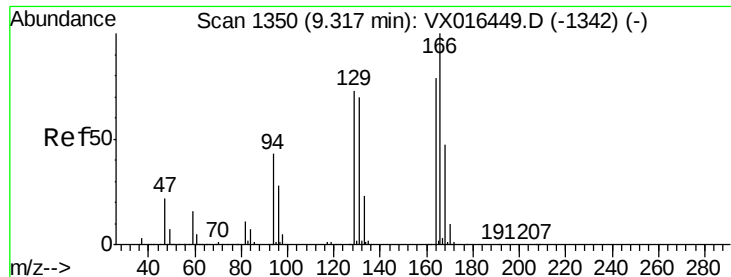
82 54.3 45.0 67.6

119 32.5 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX016741.D (-1429) (-)
Ion 82.00 (81.70 to 82.70): VX016741.D (-1429) (-)
Ion 118.90 (118.60 to 119.60): VX016741.D (-1429) (-)





#64

Tetrachloroethene

Concen: 39.811 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

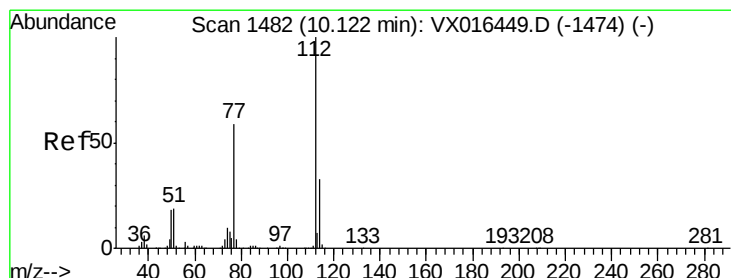
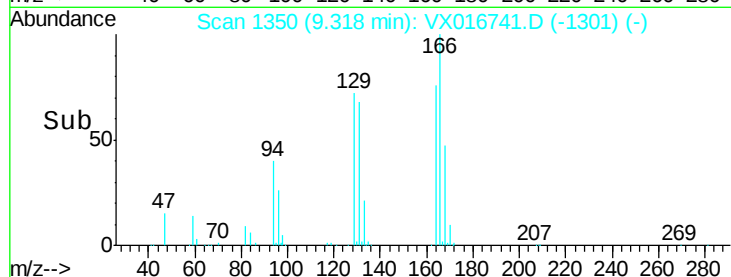
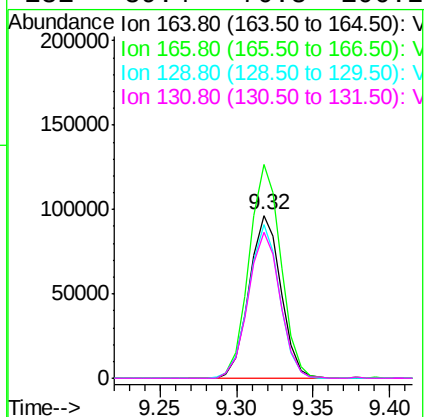
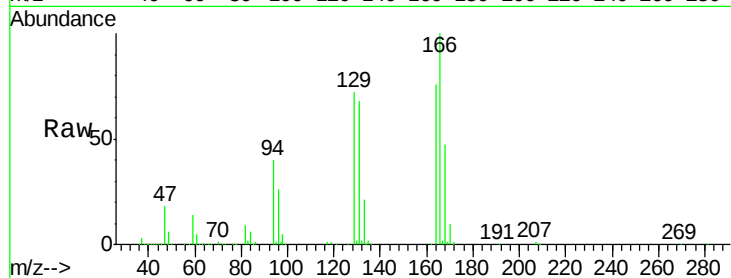
ClientSampleId :

LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	139779		
166	131.2	100.9	151.3	
129	94.2	73.2	109.8	
131	89.4	70.8	106.2	

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#65

Chlorobenzene

Concen: 52.681 ug/l

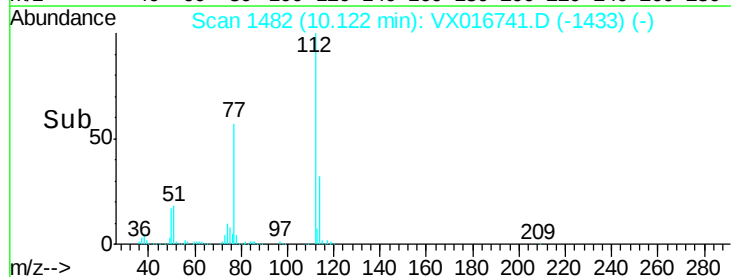
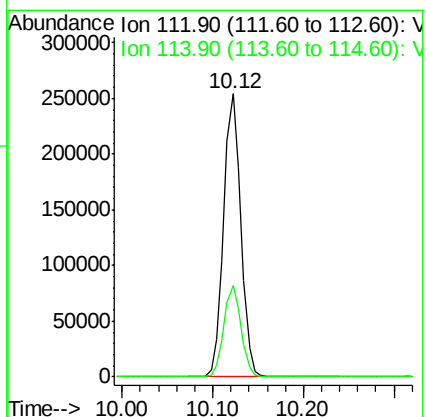
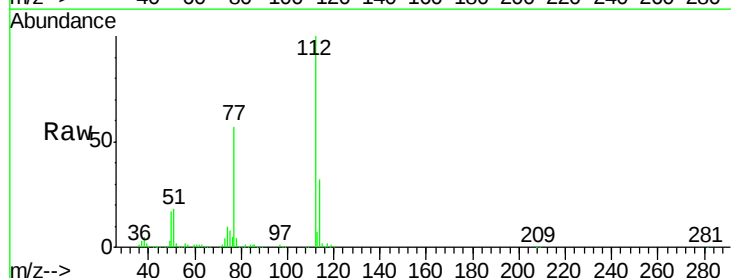
RT: 10.12 min Scan# 1482

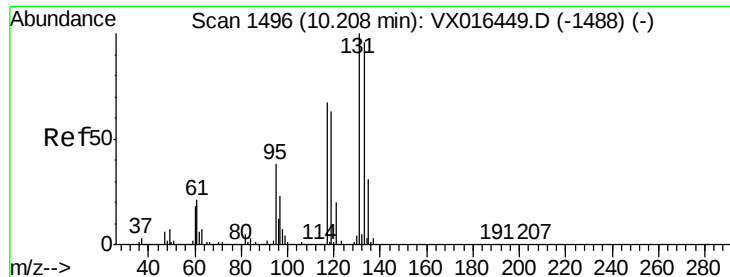
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	337062		
114	32.3	26.0	39.0	





#66

1,1,1,2-Tetrachloroethane

Concen: 55.628 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

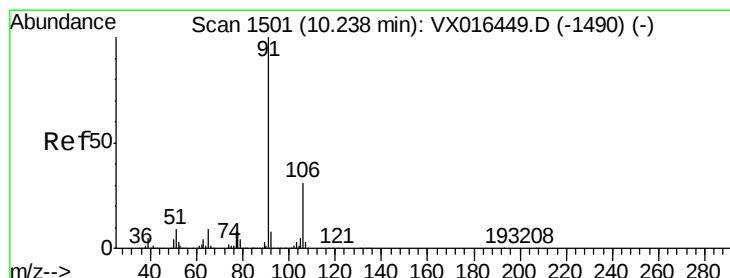
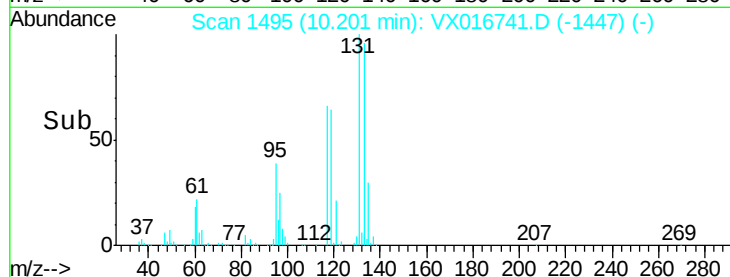
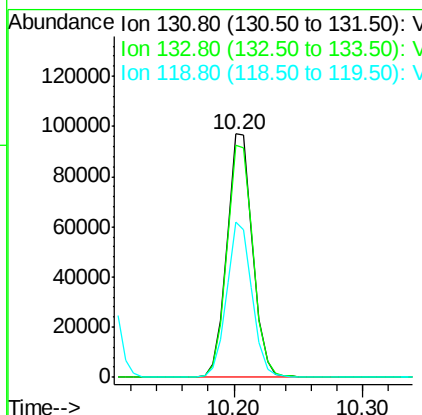
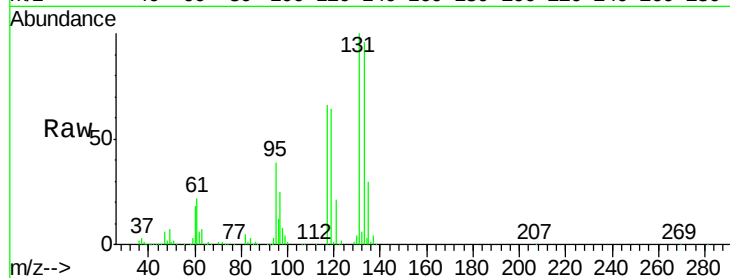
ClientSampleId :

LF015RW050-200611MS

Tgt Ion:	131	Resp:	135862
Ion Ratio	Lower	Upper	
131	100		
133	96.8	48.4	145.3
119	63.0	32.0	96.2

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#67

Ethyl Benzene

Concen: 50.511 ug/l

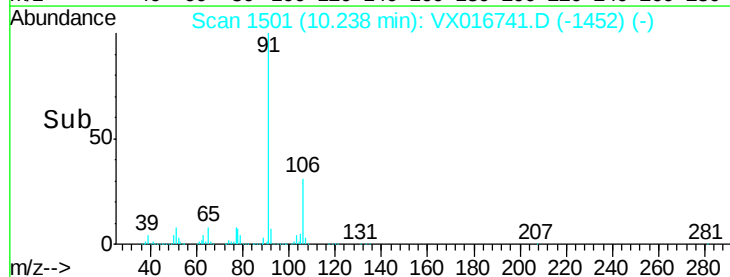
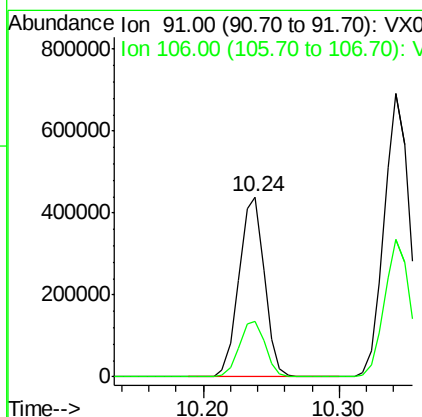
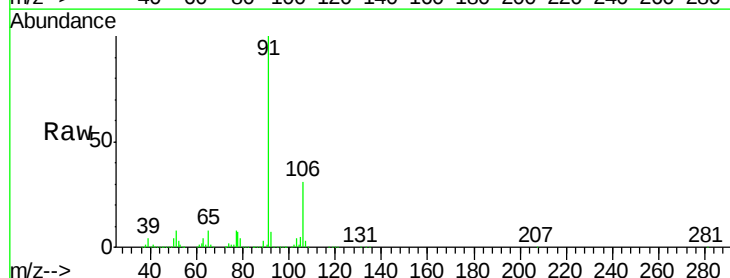
RT: 10.24 min Scan# 1501

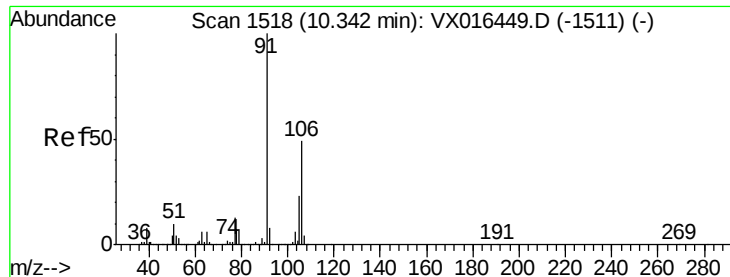
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion:	91	Resp:	575393
Ion Ratio	Lower	Upper	
91	100		
106	30.5	25.0	37.4





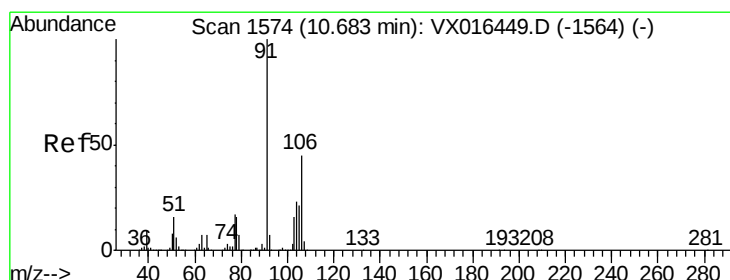
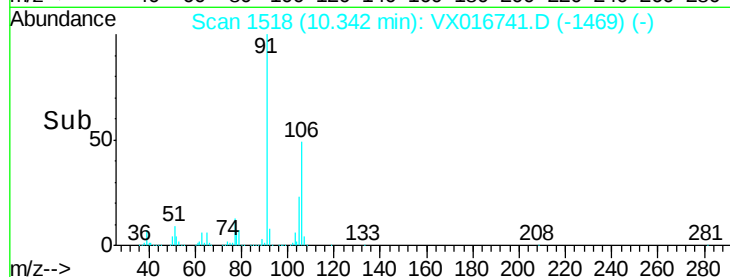
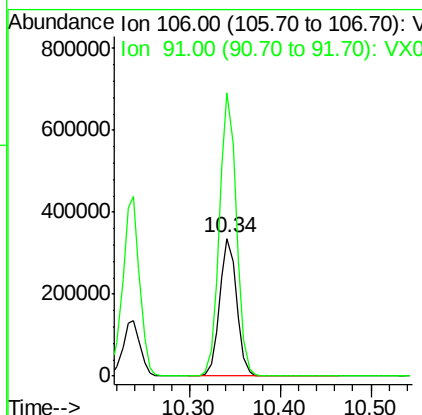
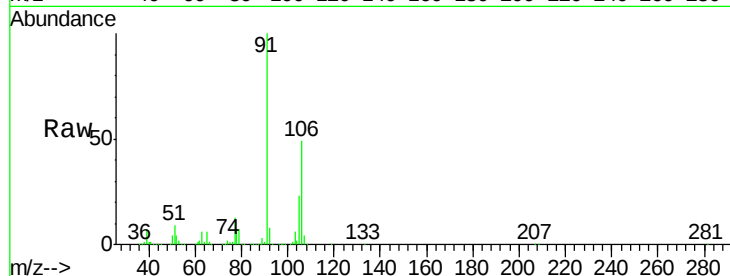
#68
m/p-Xylenes
Concen: 104.312 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion:106 Resp: 440574
Ion Ratio Lower Upper
106 100
91 205.3 163.8 245.8

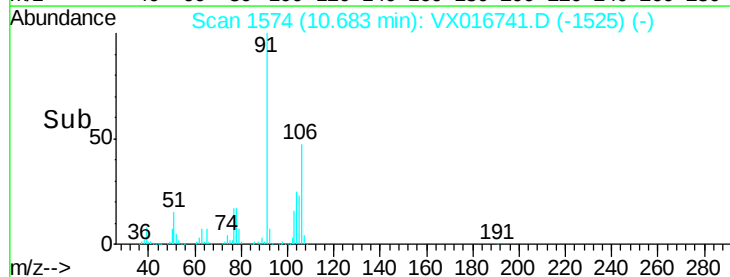
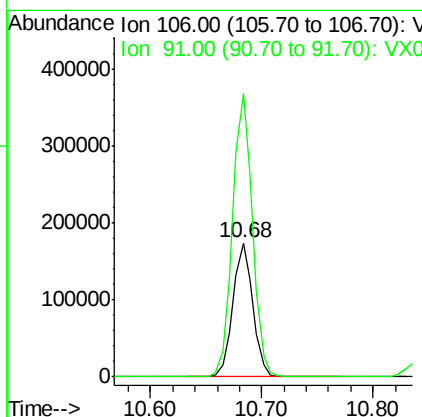
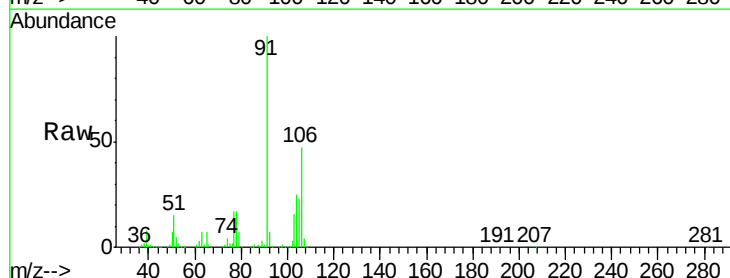
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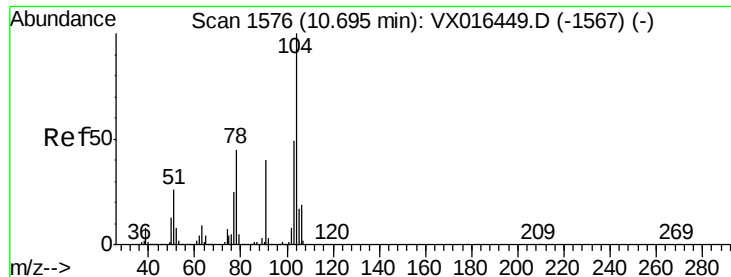
MMDadoda
6/15/2020 11:10:02 AM



#69
o-Xylene
Concen: 52.091 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:106 Resp: 213073
Ion Ratio Lower Upper
106 100
91 213.2 109.6 328.8





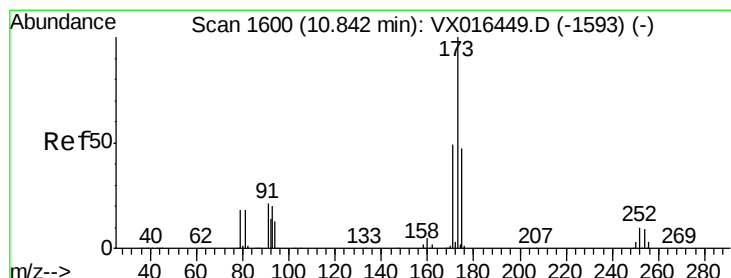
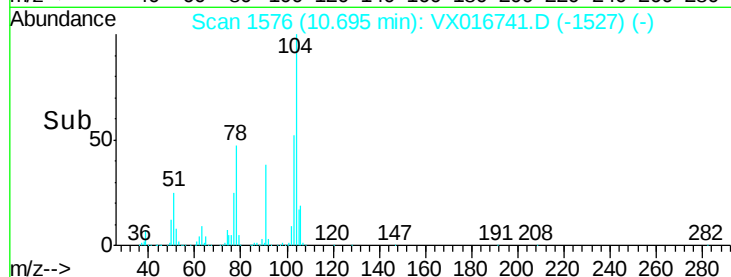
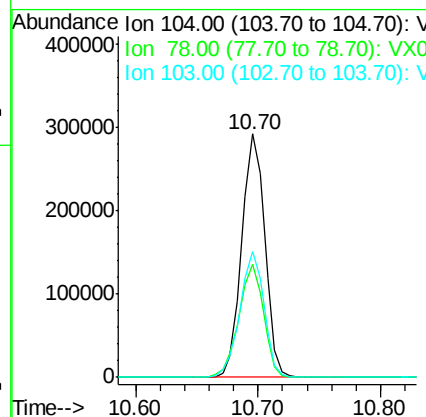
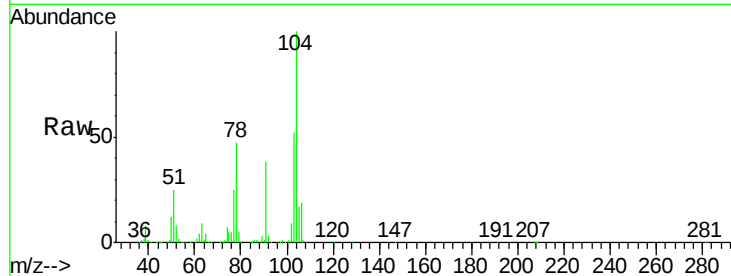
#70
Styrene
Concen: 54.003 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	379684		
78	49.9	40.2	60.2	
103	54.2	43.1	64.7	

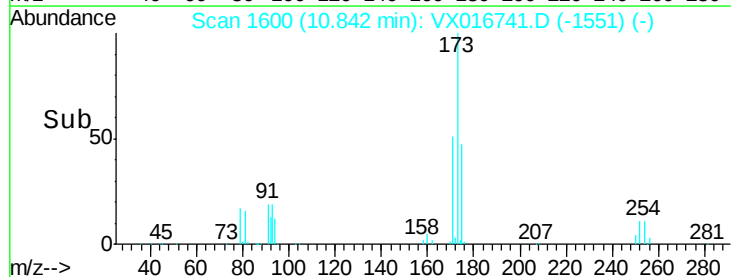
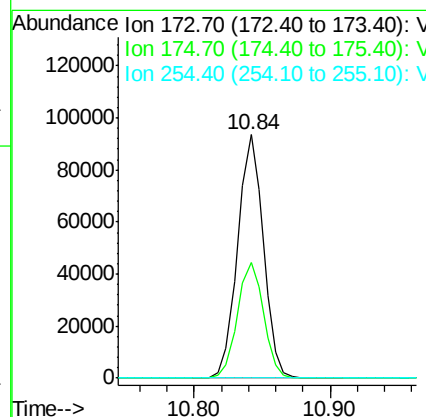
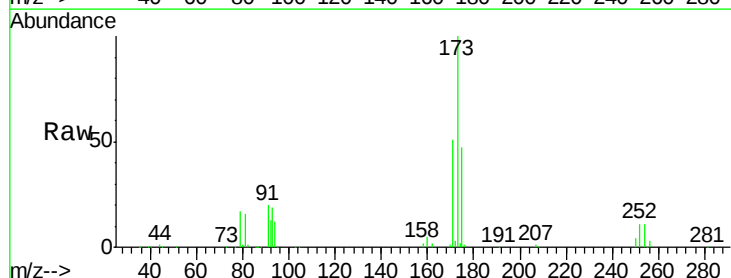
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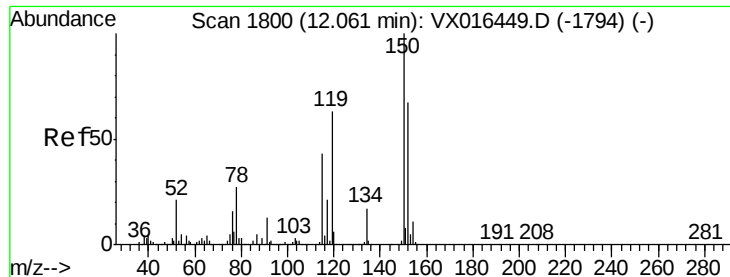
MMDadoda
6/15/2020 11:10:02 AM



#71
Bromoform
Concen: 59.640 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	123104		
175	48.4	23.9	71.7	
254	0.2	0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

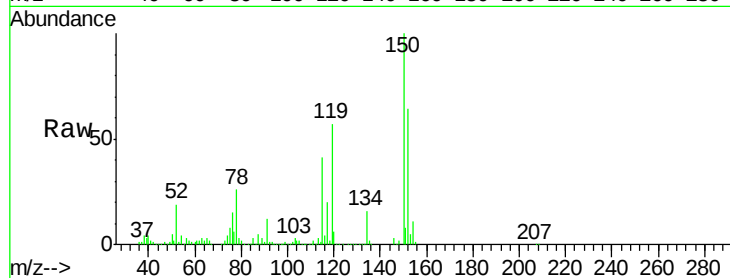
ClientSampleId :

LF015RW050-200611MS

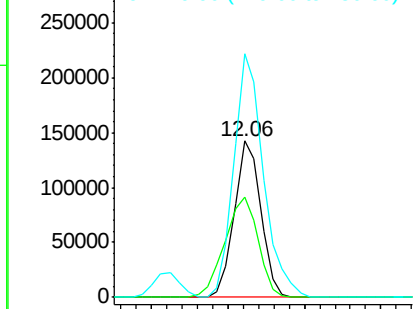
Tgt	Ion	152	Resp:	171201
Ion	Ratio	Lower	Upper	
152	100			
115	80.3	39.9	119.6	
150	174.1	0.0	341.0	

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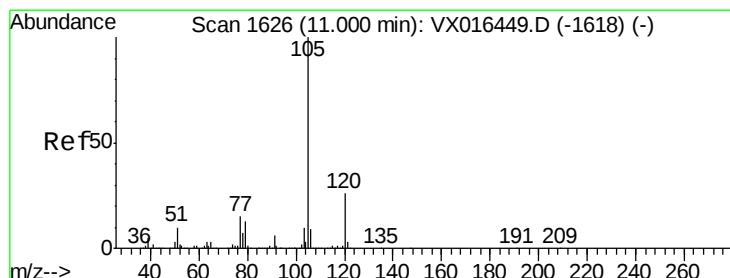
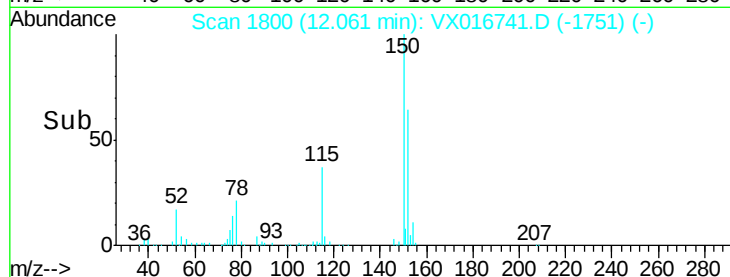
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 48.392 ug/l

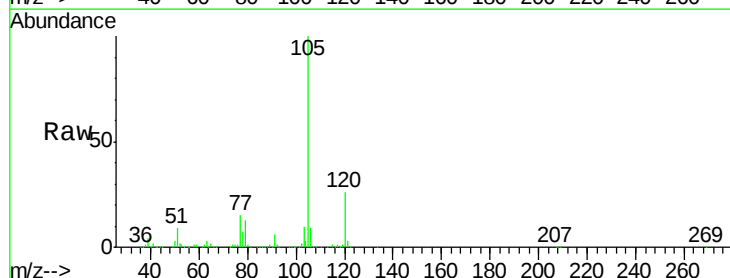
RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

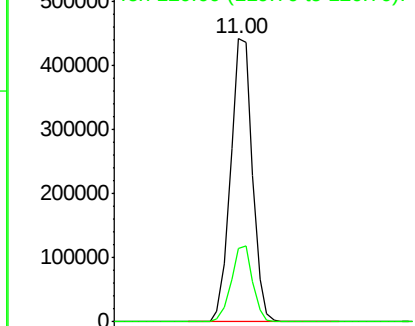
Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

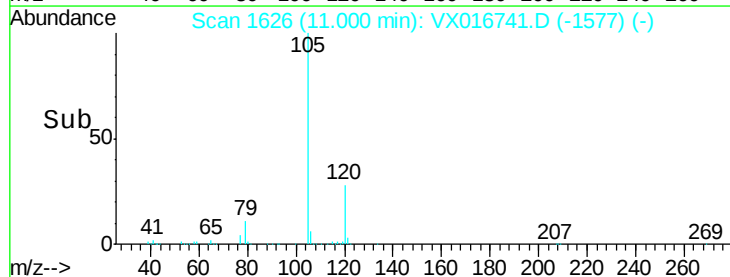
Tgt	Ion	105	Resp:	574037
Ion	Ratio	Lower	Upper	
105	100			
120	26.4	13.1	39.3	

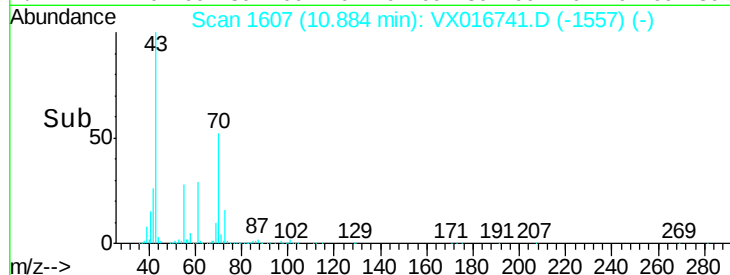
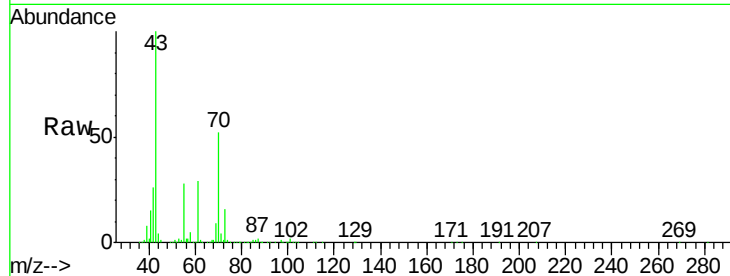
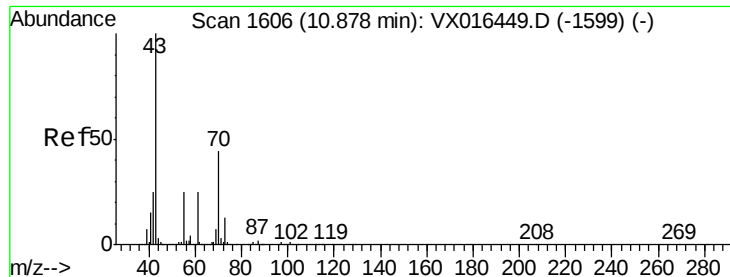


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#74

N-ethyl acetate

Concen: 39.527 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.7	36.1	54.1
55	27.3	20.2	30.4
61	27.6	20.3	30.5

Instrument :

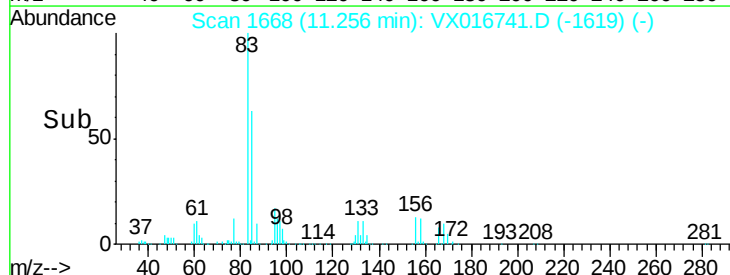
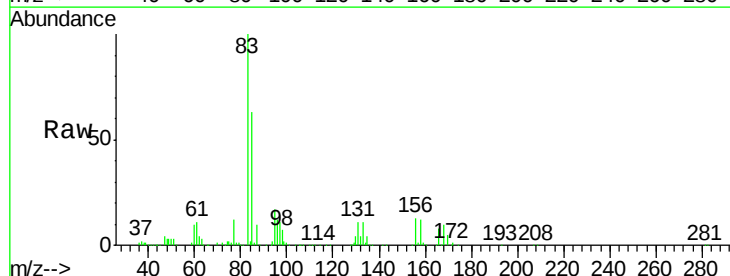
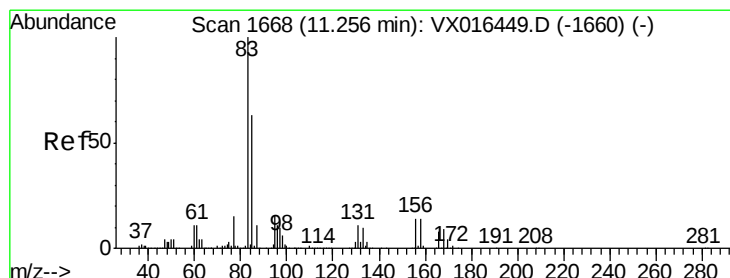
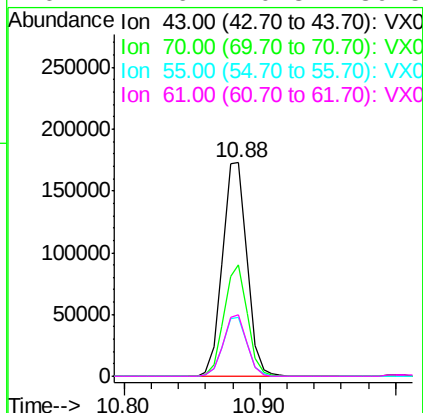
MSVOA_X

ClientSampleId :

LF015RW050-200611MS

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#75

1,1,2,2-Tetrachloroethane

Concen: 60.961 ug/l

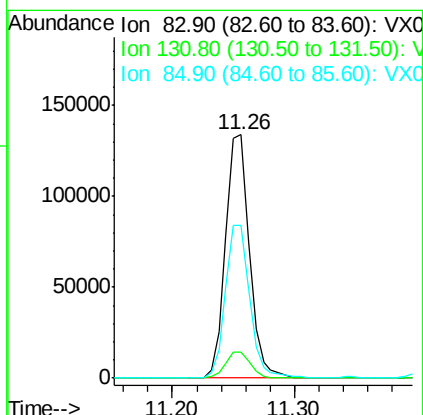
RT: 11.26 min Scan# 1668

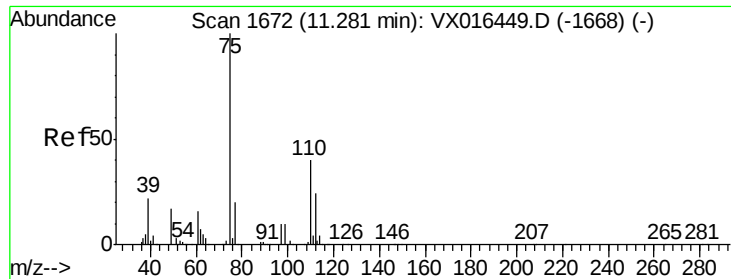
Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.1	15.3
85	64.2	32.0	96.2





#76

1,2,3-Trichloropropane

Concen: 48.147 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 75 Resp: 181183

Ion Ratio Lower Upper

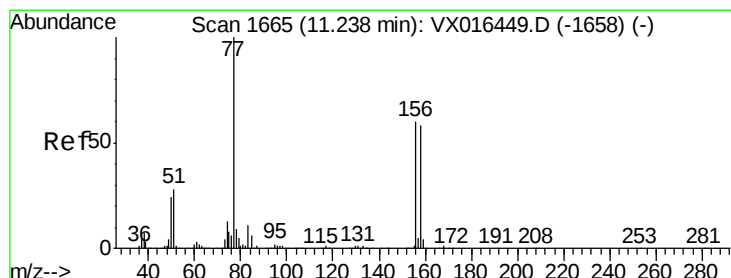
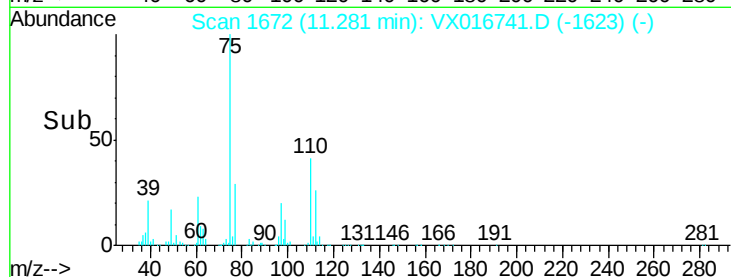
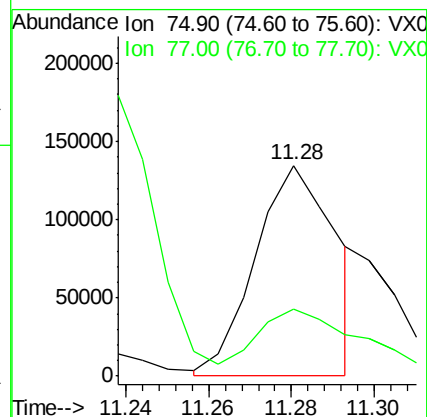
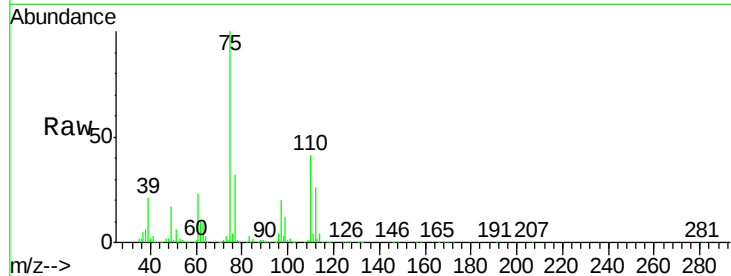
75 100

77 42.0 21.3 63.7

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6/15/2020 11:10:02 AM



#77

Bromobenzene

Concen: 50.783 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

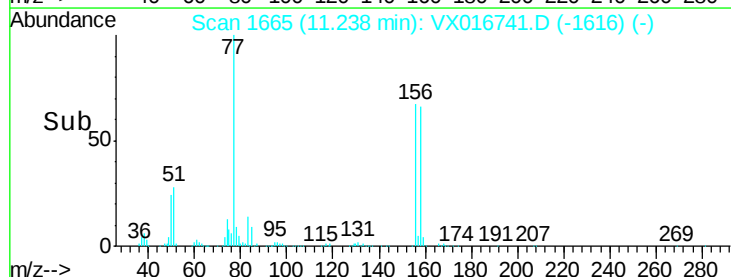
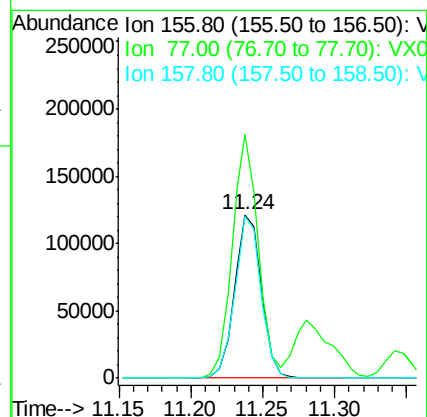
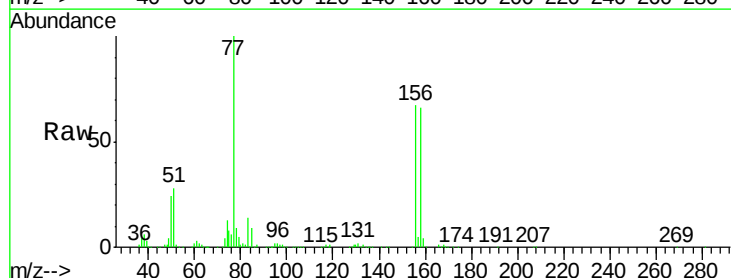
Tgt Ion: 156 Resp: 157996

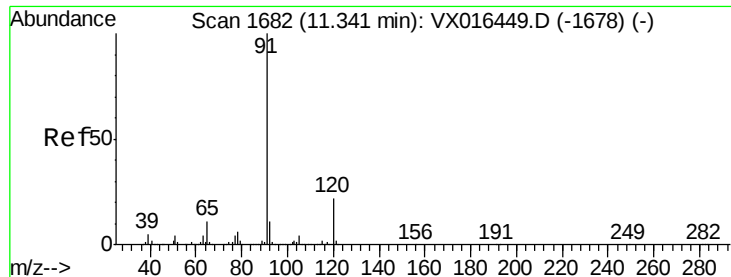
Ion Ratio Lower Upper

156 100

77 145.1 79.6 238.8

158 96.8 48.1 144.4





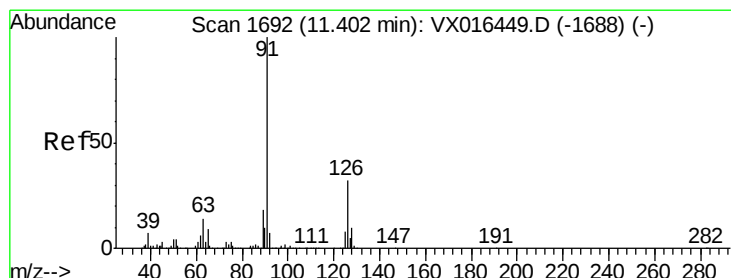
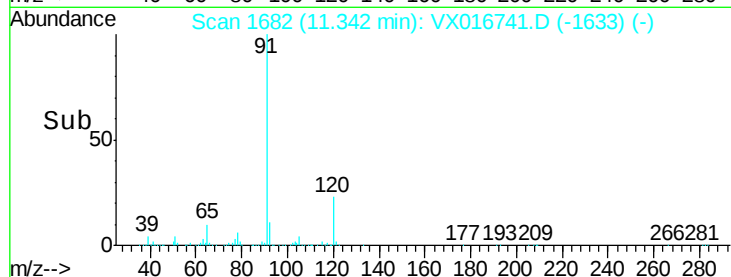
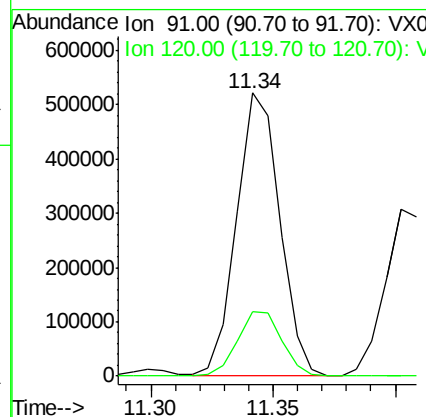
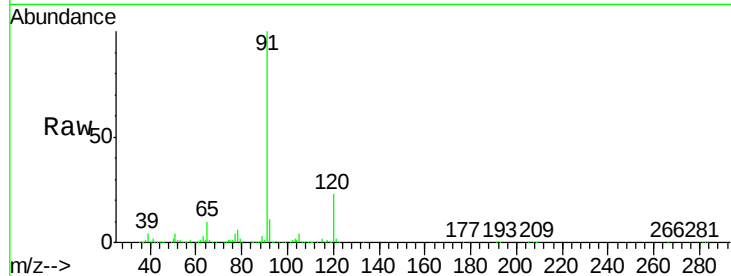
#78
n-propylbenzene
Concen: 48.074 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion: 91 Resp: 637110
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.7

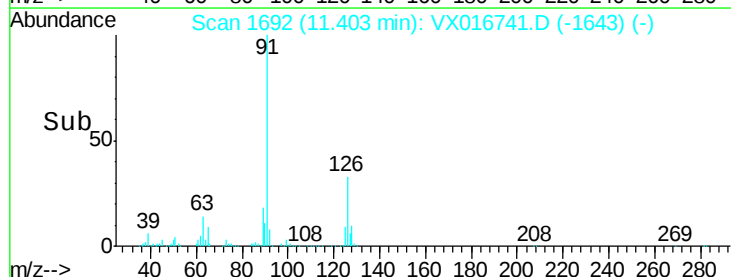
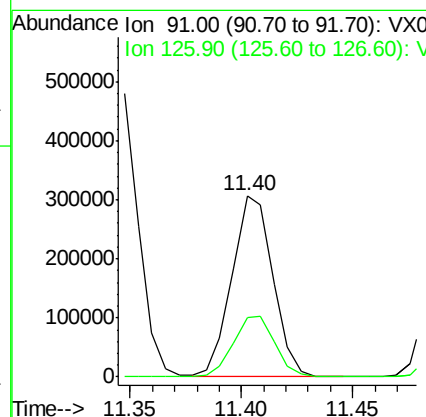
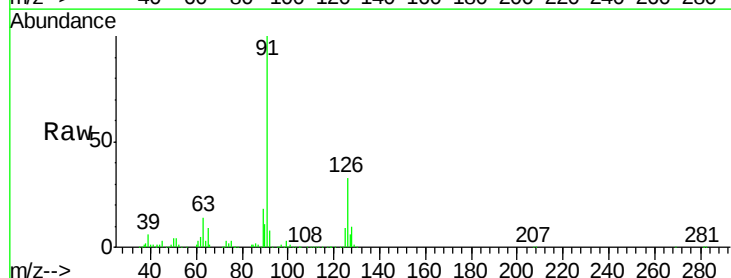
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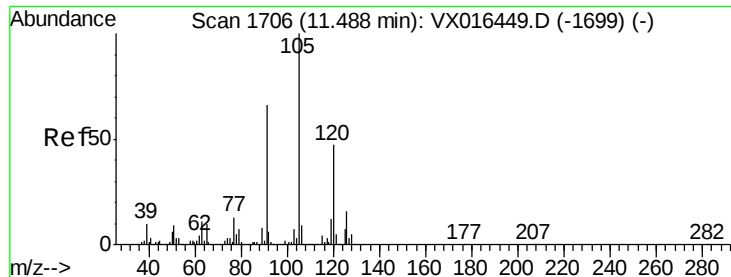
MMDadoda
6/15/2020 11:10:02 AM



#79
2-Chlorotoluene
Concen: 48.574 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 91 Resp: 392930
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3





#80

1,3,5-Trimethylbenzene

Concen: 50.101 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion: 105 Resp: 496237

Ion Ratio Lower Upper

105 100

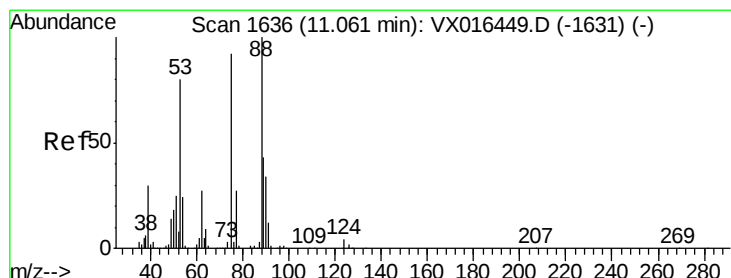
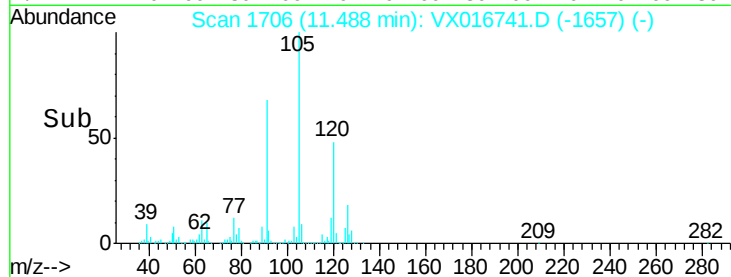
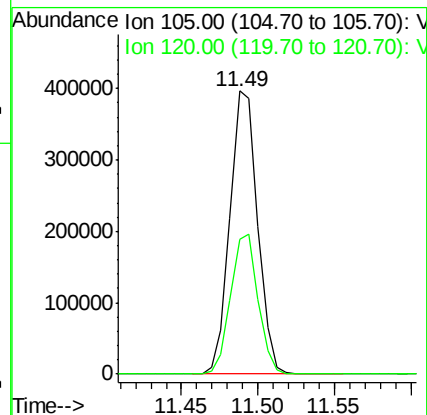
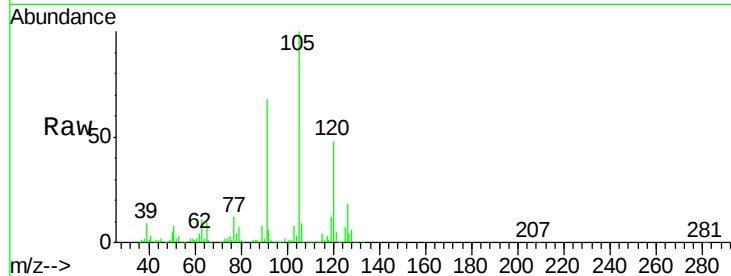
120 49.1 24.3 72.8

Manual Integrations

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6/15/2020 11:10:02 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 44.748 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

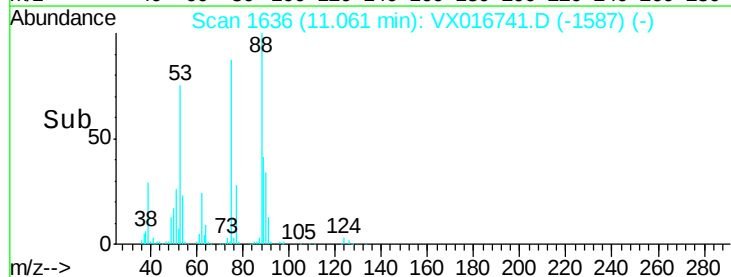
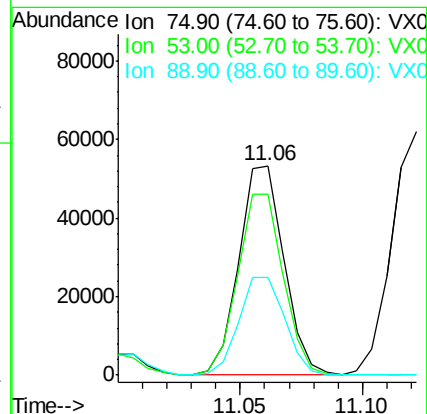
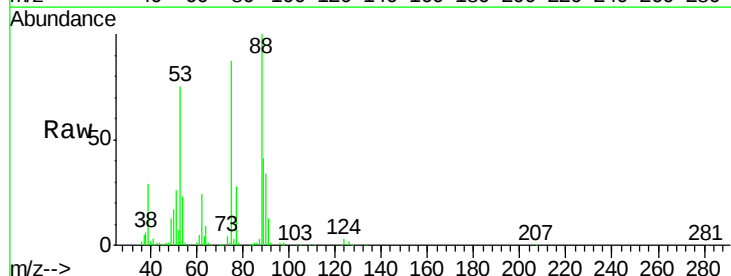
Tgt Ion: 75 Resp: 68455

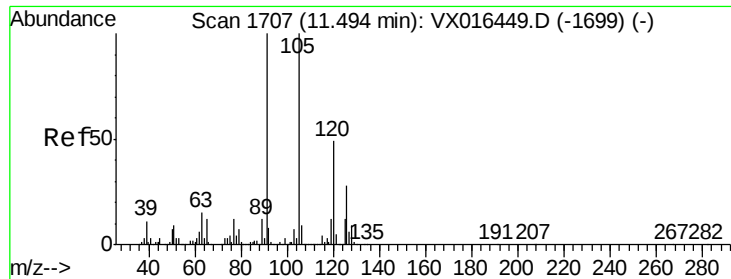
Ion Ratio Lower Upper

75 100

53 87.4 71.3 106.9

89 48.0 36.6 55.0





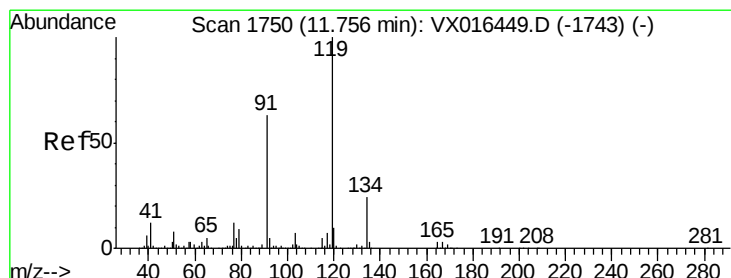
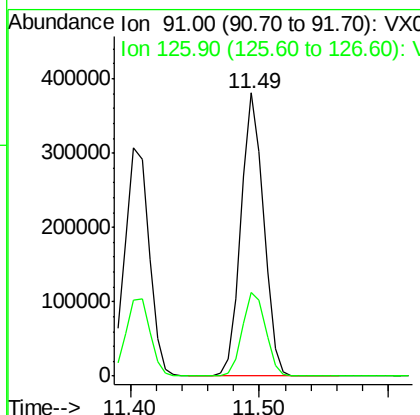
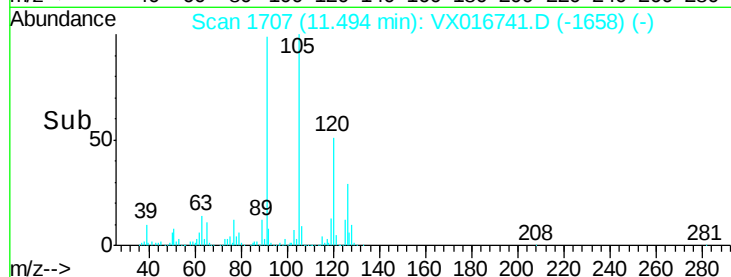
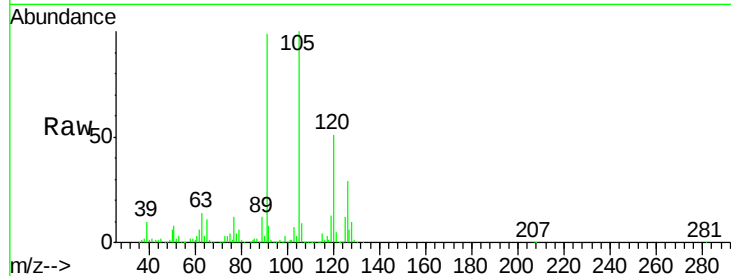
#82
4-Chlorotoluene
Concen: 48.553 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion: 91 Resp: 463810
Ion Ratio Lower Upper
91 100
126 30.3 14.7 44.1

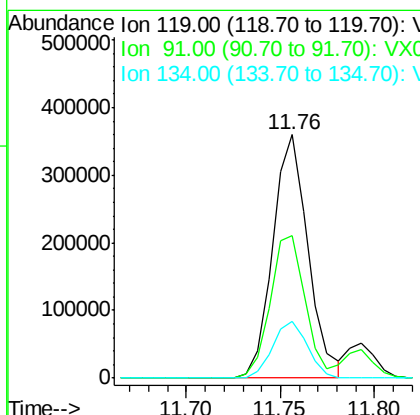
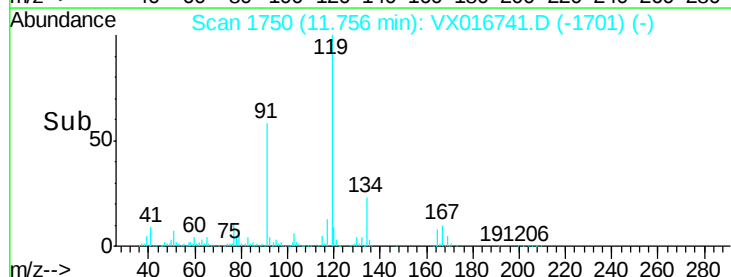
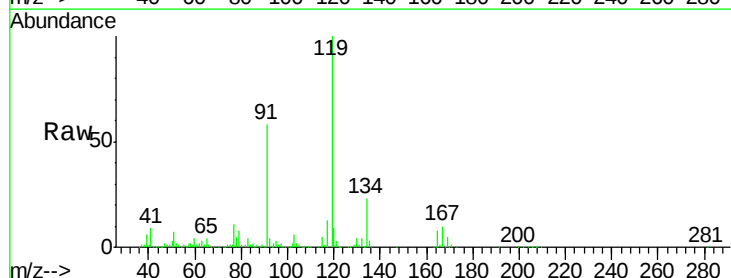
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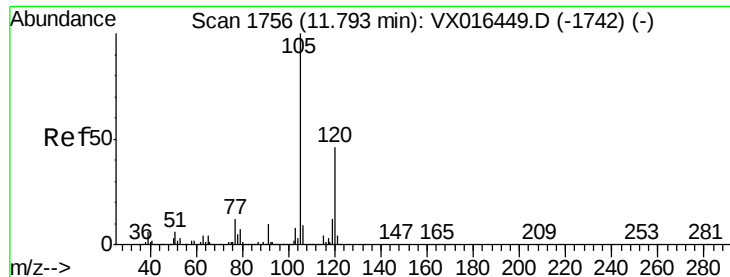
MMDadoda
6/15/2020 11:10:02 AM



#83
tert-Butylbenzene
Concen: 55.108 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion: 119 Resp: 466390
Ion Ratio Lower Upper
119 100
91 57.9 31.3 93.8
134 23.1 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 50.463 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016741.D

Acq: 12 Jun 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MS

Tgt Ion:105 Resp: 505484

Ion Ratio Lower Upper

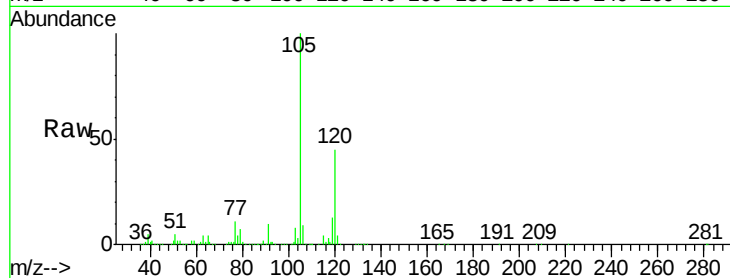
105 100

120 44.6 22.6 67.7

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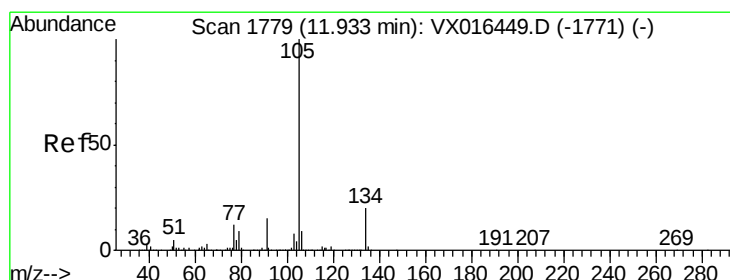
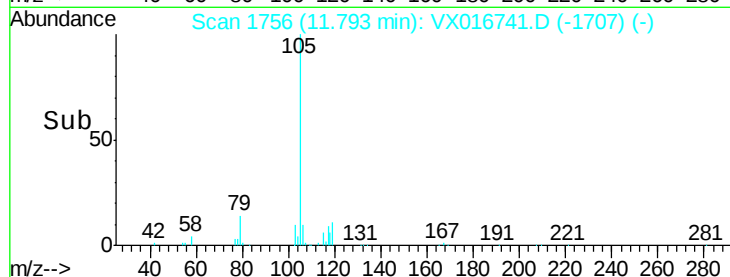
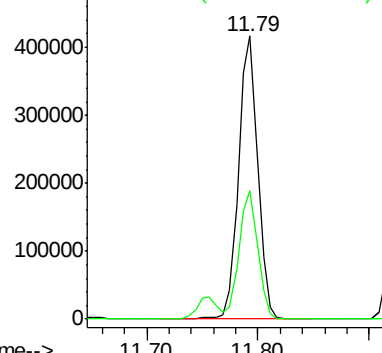
MMDadoda

6/15/2020 11:10:02 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.017 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016741.D

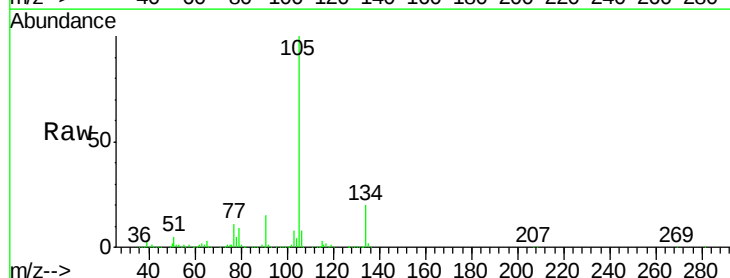
Acq: 12 Jun 2020 20:05

Tgt Ion:105 Resp: 541637

Ion Ratio Lower Upper

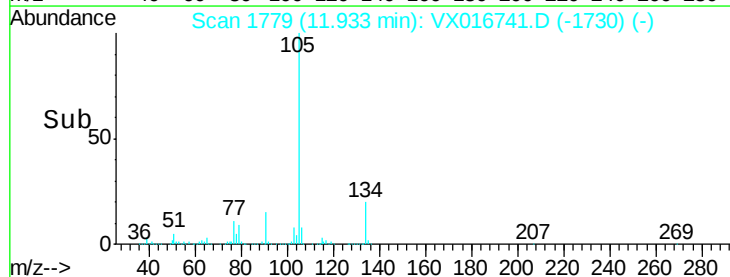
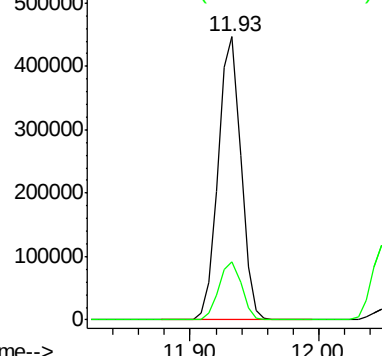
105 100

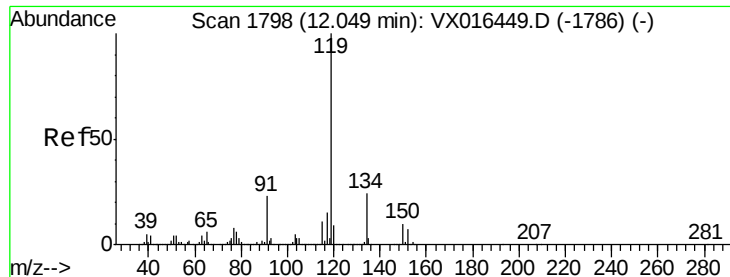
134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





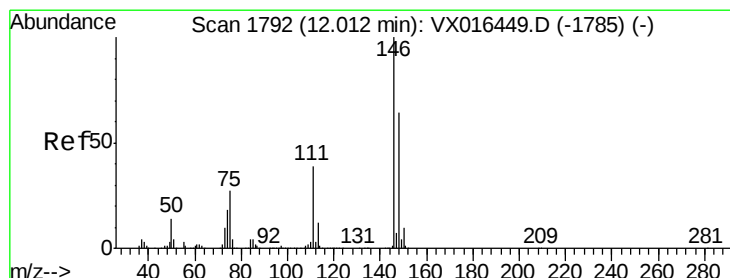
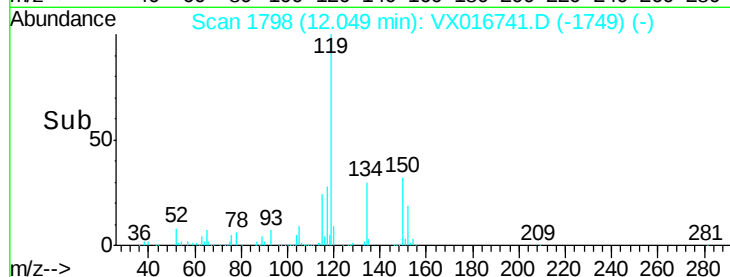
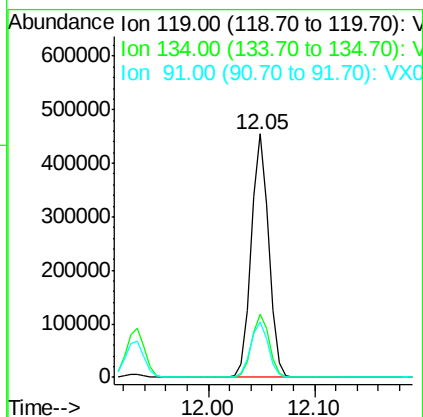
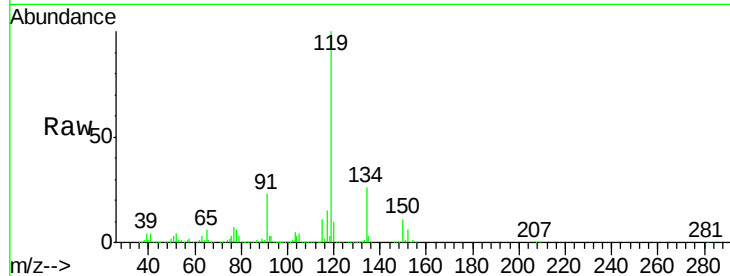
#86
p-Isopropyltoluene
Concen: 52.748 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.7	38.0
91	23.2	11.7	35.0

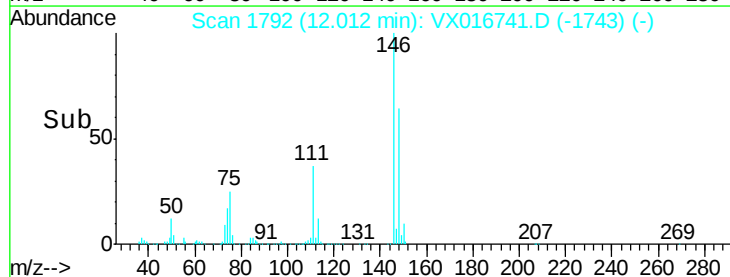
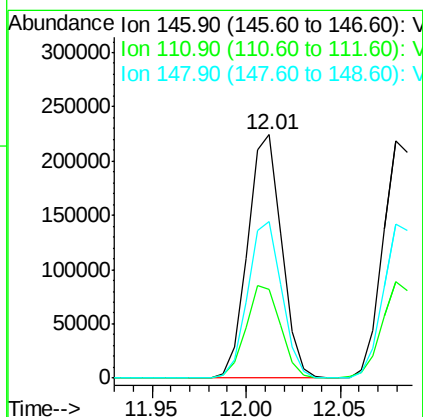
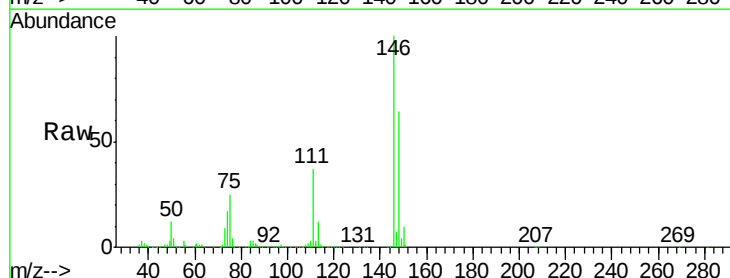
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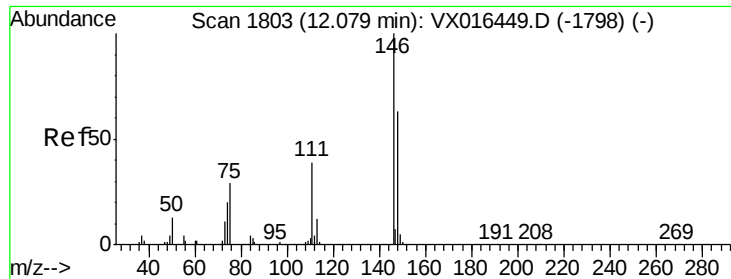
MMDadoda
6/15/2020 11:10:02 AM



#87
1,3-Dichlorobenzene
Concen: 51.925 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	60.0
148	64.5	31.9	95.5





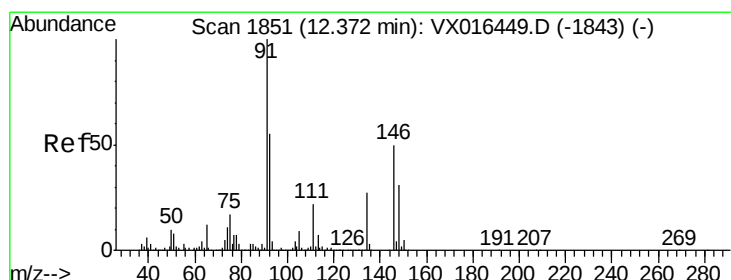
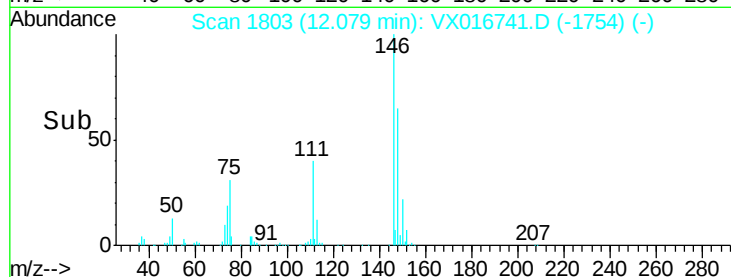
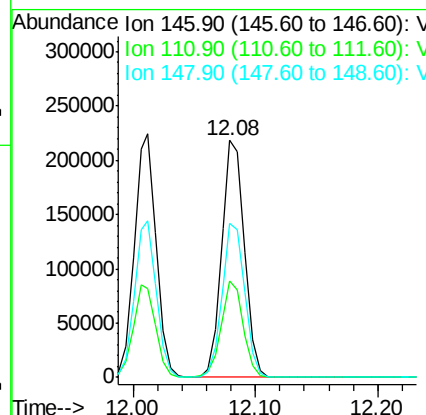
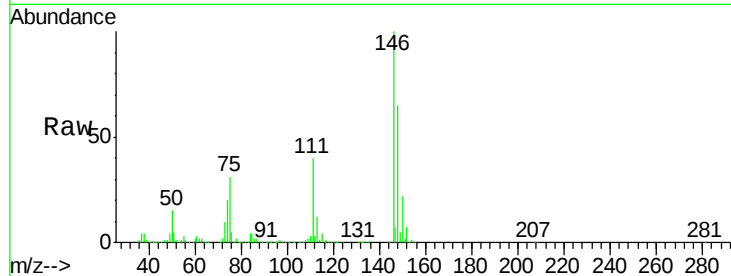
#88
 1,4-Dichlorobenzene
 Concen: 51.313 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	282877		
111	39.5	19.4	58.2	
148	64.6	31.4	94.3	

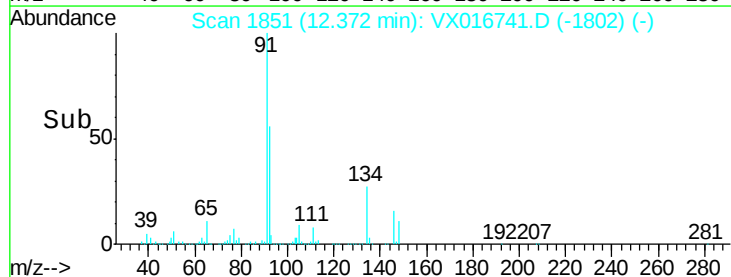
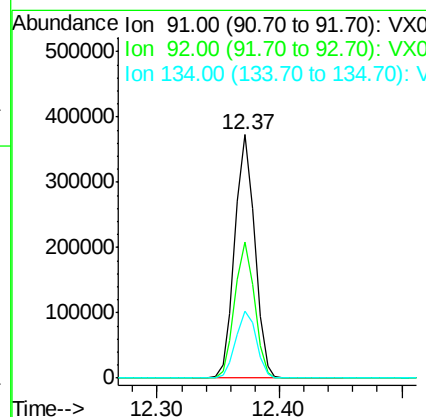
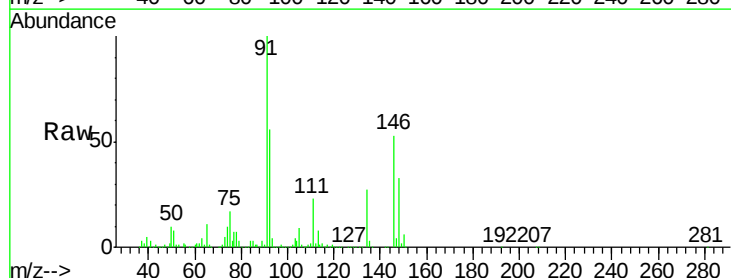
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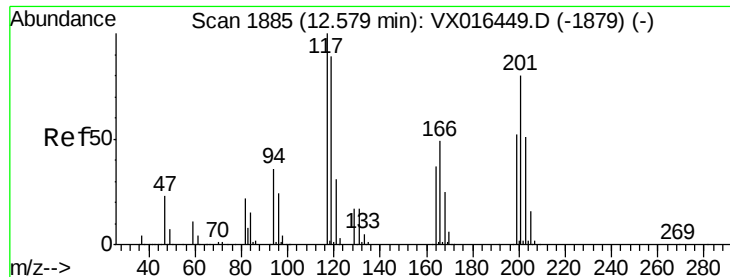
MMDadoda
 6/15/2020 11:10:02 AM



#89
 n-Butylbenzene
 Concen: 50.392 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	417431		
92	55.7	27.2	81.5	
134	28.2	13.1	39.3	





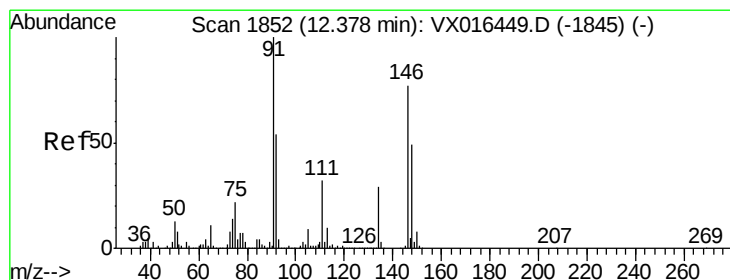
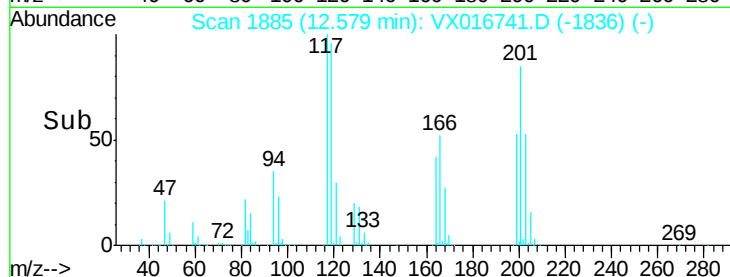
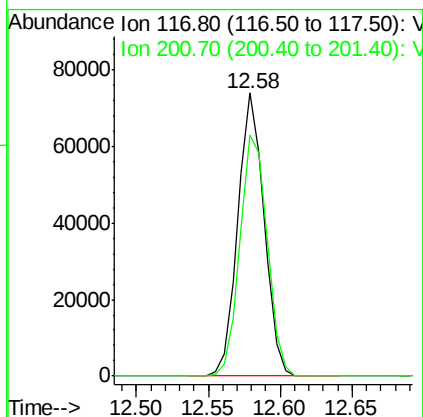
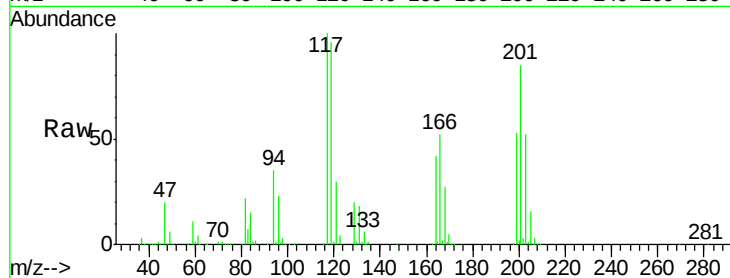
#90
Hexachloroethane
Concen: 54.623 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion:117 Resp: 93831
Ion Ratio Lower Upper
117 100
201 88.4 43.1 129.3

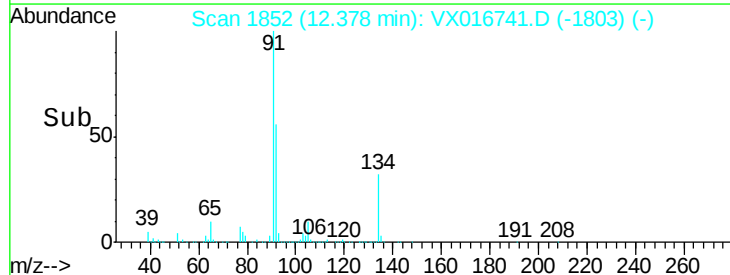
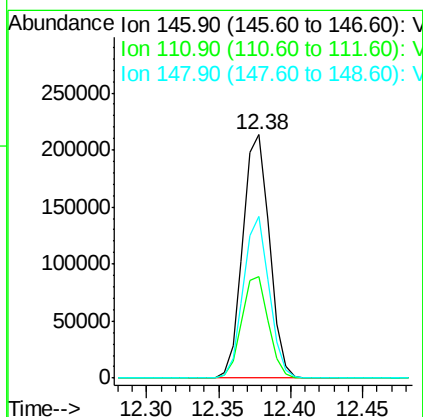
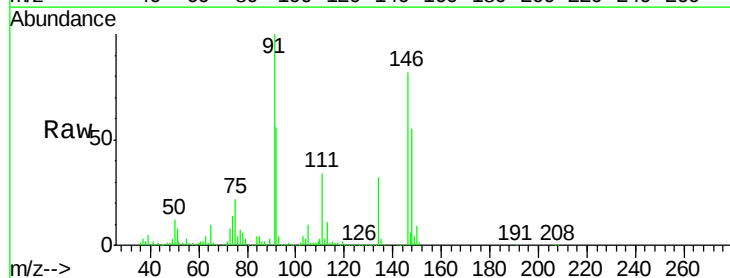
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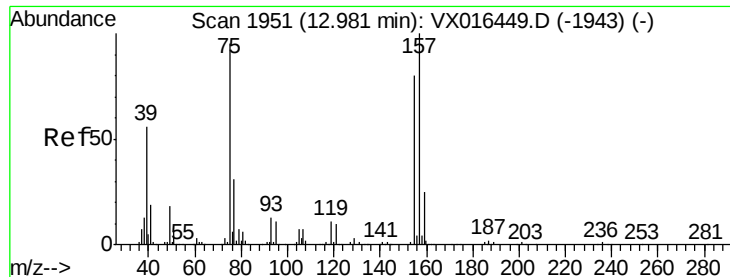
MMDadoda
6/15/2020 11:10:02 AM



#91
1,2-Dichlorobenzene
Concen: 52.332 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion:146 Resp: 273289
Ion Ratio Lower Upper
146 100
111 41.7 21.4 64.3
148 64.2 31.9 95.7





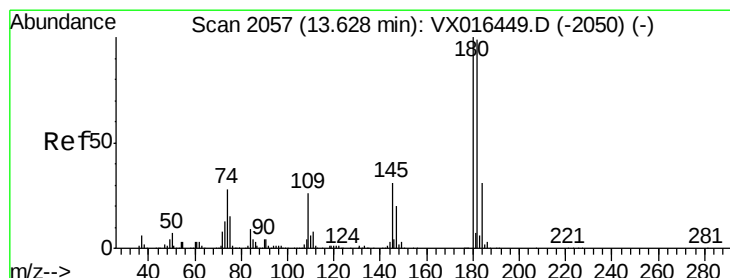
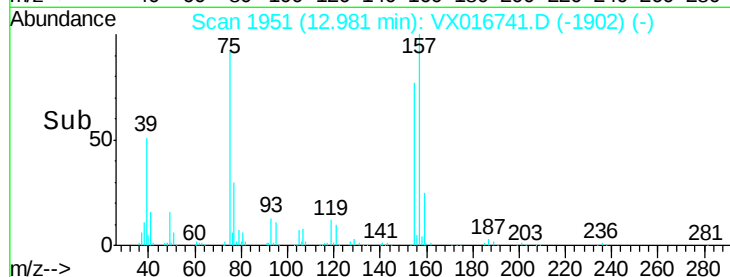
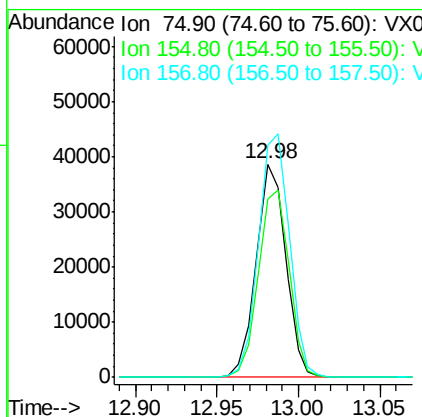
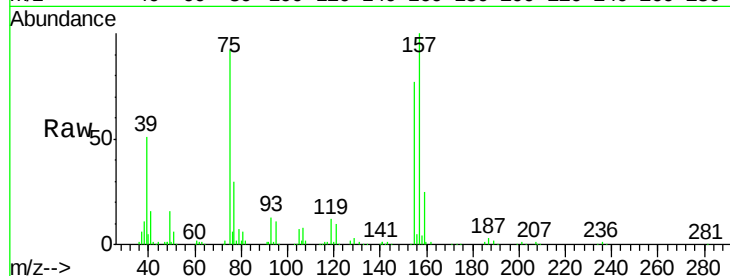
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.036 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	44.1	132.4
157	119.0	57.8	173.3

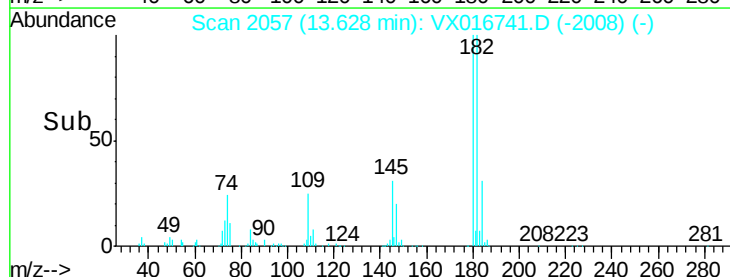
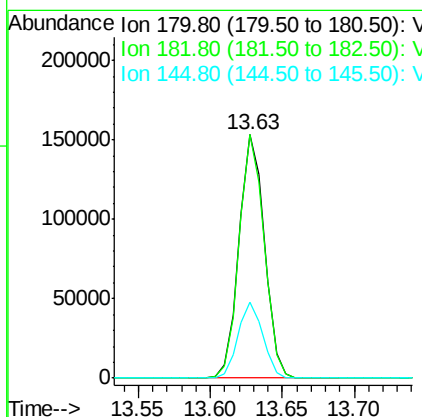
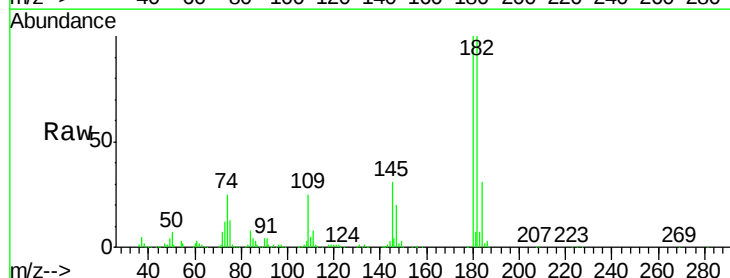
Manual Integrations
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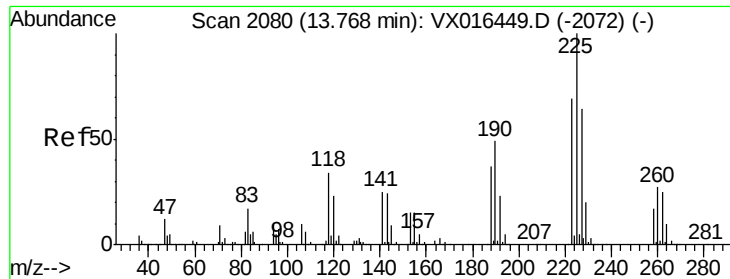
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 54.239 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.3	144.8
145	30.6	15.4	46.2





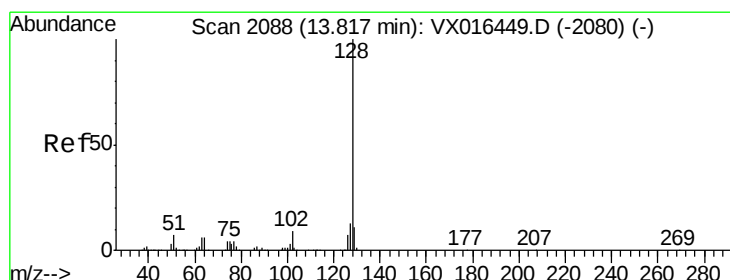
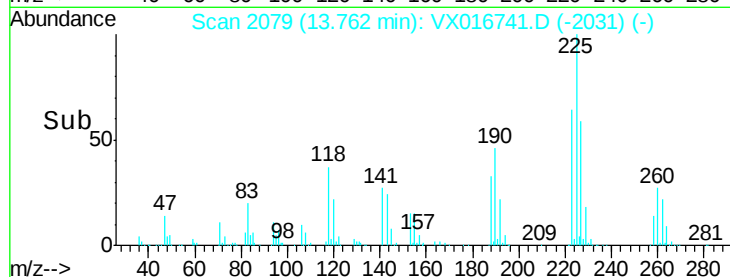
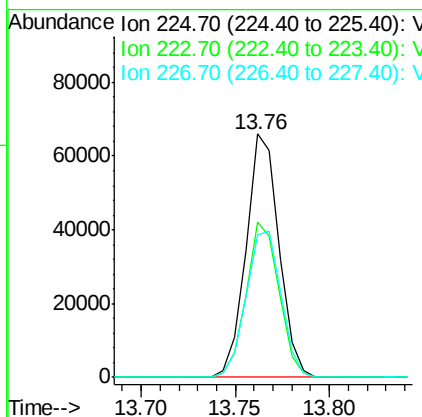
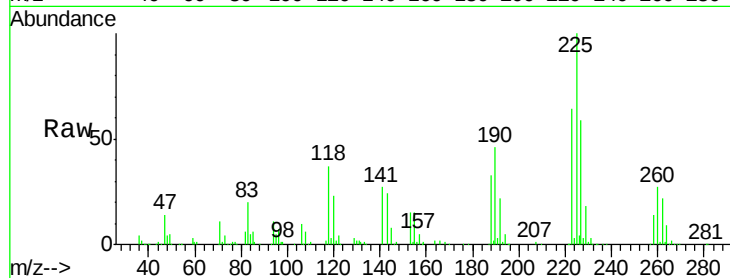
#94
Hexachlorobutadiene
Concen: 58.603 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79801		
223	63.8	32.3	96.8	
227	63.7	31.6	94.7	

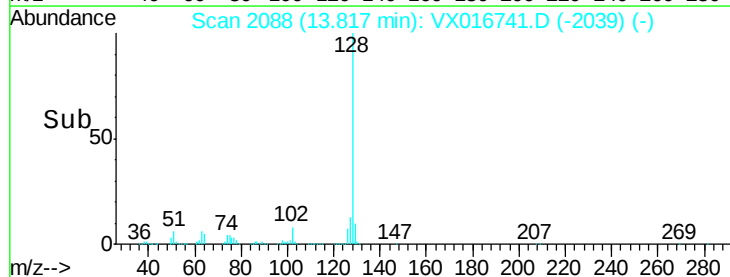
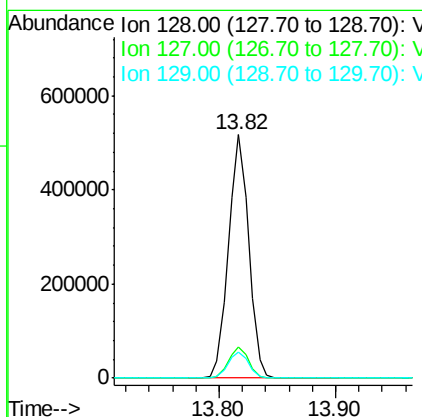
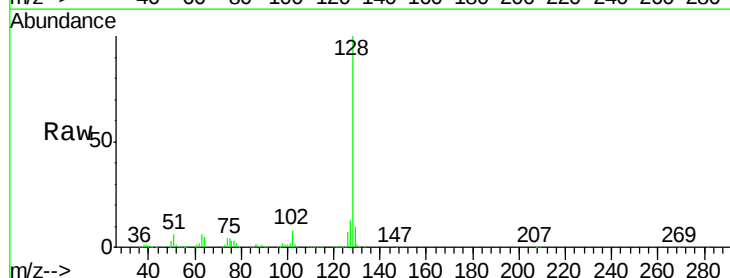
Manual Integrations
APPROVED

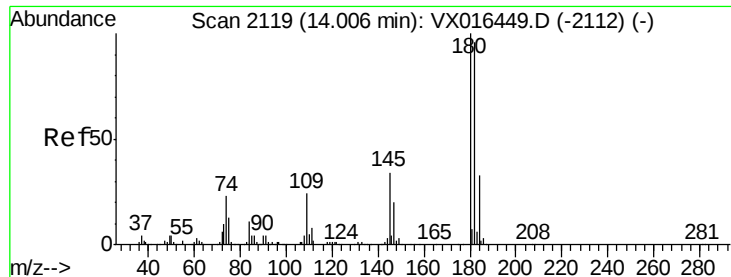
MMDadoda
6/15/2020 11:10:02 AM



#95
Naphthalene
Concen: 52.507 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016741.D
Acq: 12 Jun 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	624286		
127	12.8	10.6	15.8	
129	10.7	8.6	13.0	





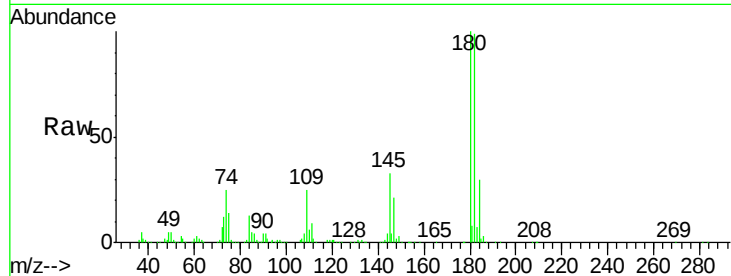
#96
 1,2,3-Trichlorobenzene
 Concen: 55.559 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016741.D
 Acq: 12 Jun 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	48.6	145.8
145	32.5	16.6	49.8

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

