

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016742.D
 Acq On : 12 Jun 2020 20:27
 Operator : JC/SP
 Sample : L3004-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:05 AM

Quant Time: Jun 13 06:37:04 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	216549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	318883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137288	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.46	113	114079	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.70	98	420644	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	160603	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90591	42.509	ug/l	96
3) Chloromethane	1.31	50	101809	39.533	ug/l	100
4) Vinyl Chloride	1.39	62	121973	44.786	ug/l	99
5) Bromomethane	1.62	94	65280	49.297	ug/l	99
6) Chloroethane	1.70	64	80611	50.741	ug/l	97
7) Trichlorofluoromethane	1.91	101	198621	55.532	ug/l	100
8) Diethyl Ether	2.17	74	76941	51.589	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105359	53.522	ug/l	96
10) Methyl Iodide	2.49	142	110847	47.307	ug/l	99
11) Tert butyl alcohol	3.02	59	165772	240.385	ug/l	100
12) 1,1-Dichloroethene	2.36	96	107474	51.579	ug/l	100
13) Acrolein	2.27	56	74349	253.447	ug/l	97
14) Allyl chloride	2.70	41	171420	44.734	ug/l	96
15) Acrylonitrile	3.12	53	353756	250.425	ug/l	99
16) Acetone	2.42	43	316976	269.028	ug/l	100
17) Carbon Disulfide	2.55	76	278760	45.050	ug/l	99
18) Methyl Acetate	2.75	43	149014	49.311	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	393477	52.588	ug/l	97
20) Methylene Chloride	2.83	84	121243	49.737	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	115391	50.066	ug/l	96
22) Diisopropyl ether	3.82	45	344118	46.746	ug/l	95
23) Vinyl Acetate	3.78	43	1384987	214.945	ug/l	96
24) 1,1-Dichloroethane	3.67	63	208977	50.297	ug/l	99
25) 2-Butanone	4.64	43	475173	238.008	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164674	48.436	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	137981	51.750	ug/l	96
28) Bromochloromethane	4.98	49	85310	44.184	ug/l	83
29) Tetrahydrofuran	5.09	42	302007	234.149	ug/l	92
30) Chloroform	5.18	83	225043	53.755	ug/l	98
31) Cyclohexane	5.55	56	158609	42.433	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	208826	55.097	ug/l	98
36) 1,1-Dichloropropene	5.77	75	155778	49.214	ug/l	98
37) Ethyl Acetate	4.79	43	160995	42.364	ug/l	97
38) Carbon Tetrachloride	5.75	117	186756	56.143	ug/l	98

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Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:05 AM

Quant Time: Jun 13 06:37:04 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163403	47.527	ug/l	97
40) Benzene	6.11	78	478451	50.758	ug/l	99
41) Methacrylonitrile	5.00	41	98594	47.232	ug/l	96
42) 1,2-Dichloroethane	6.17	62	176089	52.529	ug/l	99
43) Isopropyl Acetate	6.42	43	266089	44.889	ug/l	97
44) Trichloroethene	7.19	130	142459	47.633	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121078	50.455	ug/l	98
46) Dibromomethane	7.63	93	87163	54.078	ug/l	96
47) Bromodichloromethane	7.88	83	186814	55.976	ug/l	99
48) Methyl methacrylate	7.74	41	136904	48.236	ug/l	96
49) 1,4-Dioxane	7.71	88	62396	939.403	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	899203	243.623	ug/l	96
52) Toluene	8.76	92	314933	52.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	202737	53.423	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	204339	50.871	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134229	56.795	ug/l	95
56) Ethyl methacrylate	9.16	69	204423	53.110	ug/l	95
57) 1,3-Dichloropropane	9.35	76	217319	53.571	ug/l	100
59) 2-Hexanone	9.48	43	705714	245.868	ug/l	97
60) Dibromochloromethane	9.57	129	158165	59.468	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142318	56.234	ug/l	99
64) Tetrachloroethene	9.32	164	149696	41.960	ug/l	99
65) Chlorobenzene	10.12	112	353542	54.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141768	57.126	ug/l	98
67) Ethyl Benzene	10.24	91	593455	51.271	ug/l	98
68) m/p-Xylenes	10.34	106	463374	107.972	ug/l	97
69) o-Xylene	10.68	106	222470	53.527	ug/l	95
70) Styrene	10.70	104	391839	54.849	ug/l	99
71) Bromoform	10.84	173	125509	59.842	ug/l #	99
73) Isopropylbenzene	11.00	105	591946	51.282	ug/l	100
74) N-amyl acetate	10.88	43	216299	40.738	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	185286	64.048	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	185012m	50.524	ug/l	
77) Bromobenzene	11.24	156	161255	53.263	ug/l	94
78) n-propylbenzene	11.34	91	654326	50.738	ug/l	99
79) 2-Chlorotoluene	11.40	91	404107	51.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	507408	52.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69417	46.631	ug/l	98
82) 4-Chlorotoluene	11.49	91	474773	51.075	ug/l	98
83) tert-Butylbenzene	11.76	119	477989	58.040	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	516460	52.985	ug/l	98
85) sec-Butylbenzene	11.93	105	549471	53.186	ug/l	99
86) p-Isopropyltoluene	12.05	119	524471	54.195	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	283076	53.969	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	294360	54.873	ug/l	99
89) n-Butylbenzene	12.37	91	423337	52.518	ug/l	99
90) Hexachloroethane	12.58	117	94859	56.748	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	283317	55.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50558	53.955	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	191721	56.807	ug/l	99

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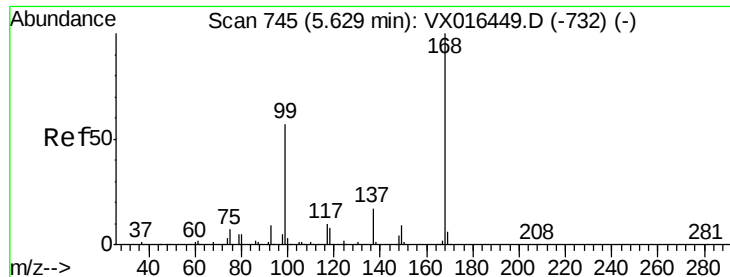
Manual Integrations
APPROVED

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6/15/2020 11:10:05 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	80197	60.522	ug/l	97
95) Naphthalene	13.82	128	634305	54.824	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	196950	59.566	ug/l	98

(#) = 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: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:168 Resp: 216549

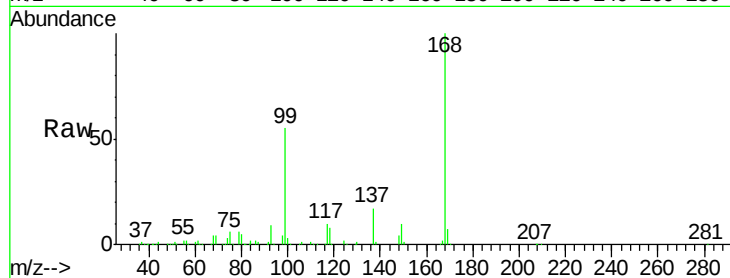
Ion Ratio Lower Upper

168 100

99 55.0 45.2 67.8

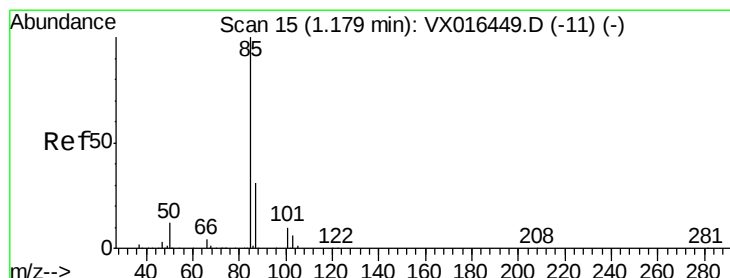
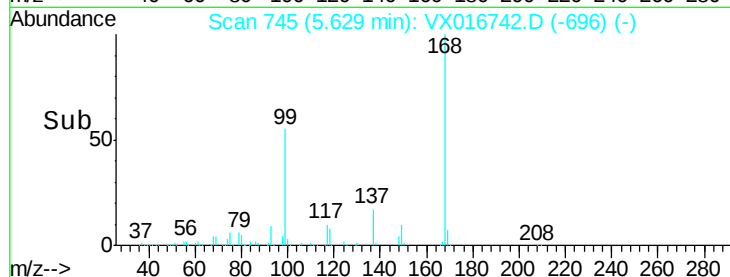
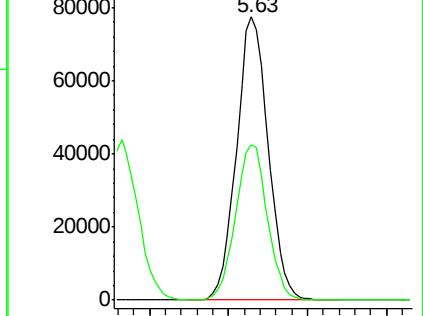
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.509 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016742.D

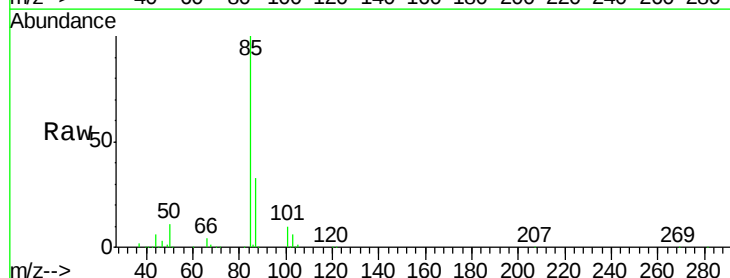
Acq: 12 Jun 2020 20:27

Tgt Ion: 85 Resp: 90591

Ion Ratio Lower Upper

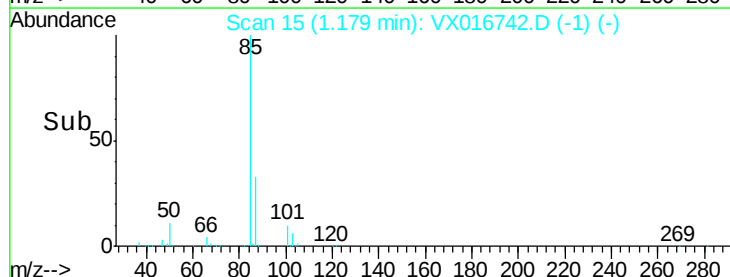
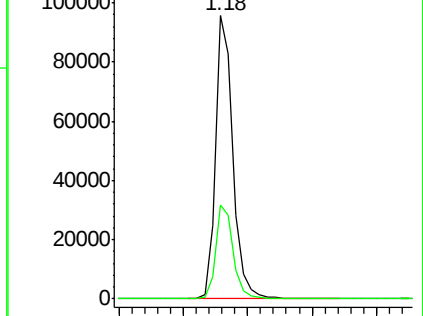
85 100

87 33.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 39.533 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 50 Resp: 101809

Ion Ratio Lower Upper

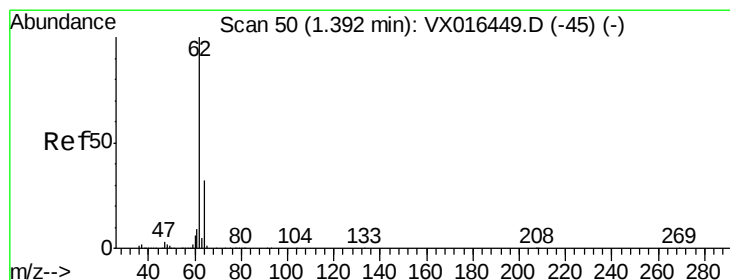
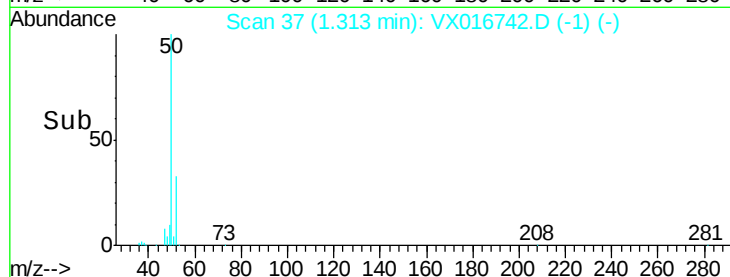
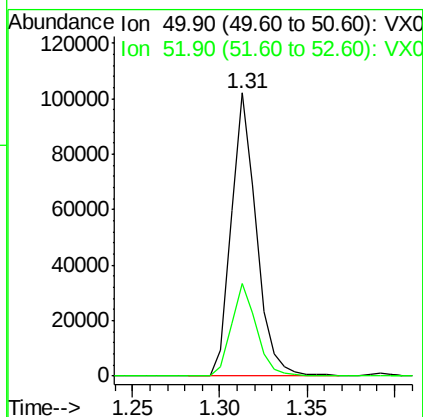
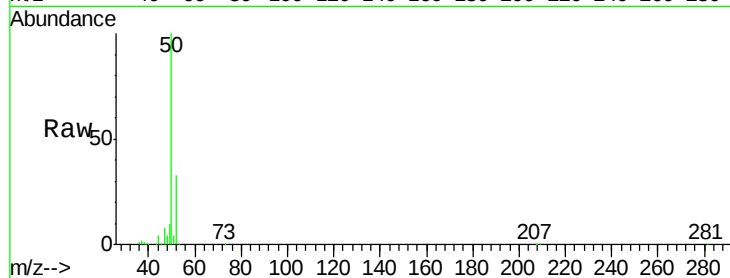
50 100

52 32.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 44.786 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016742.D

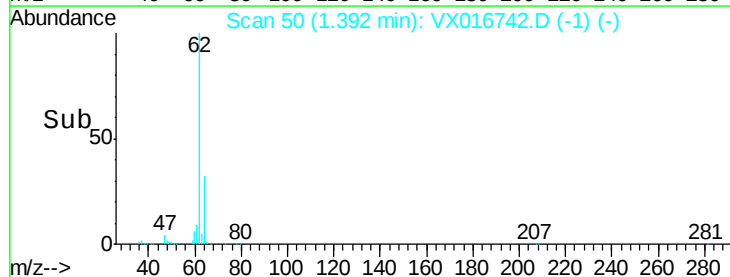
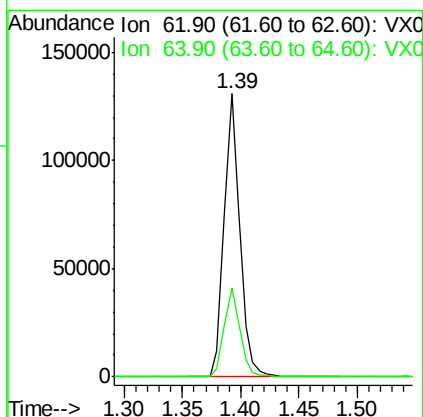
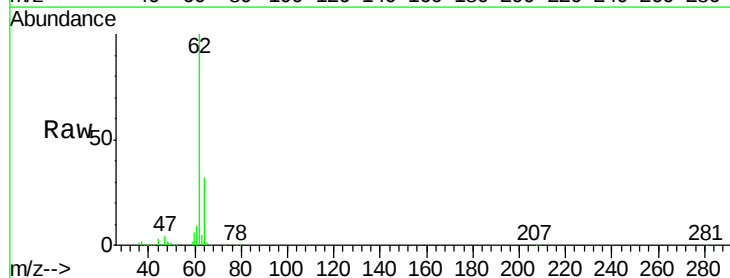
Acq: 12 Jun 2020 20:27

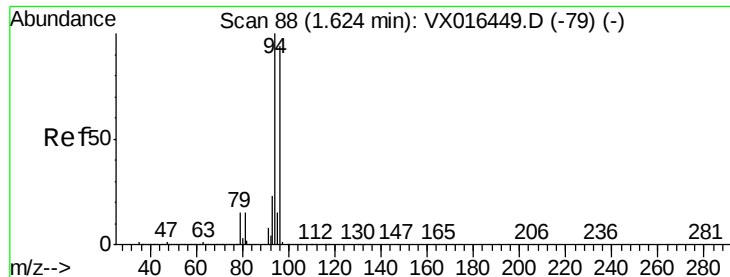
Tgt Ion: 62 Resp: 121973

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 49.297 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

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ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 94 Resp: 65280

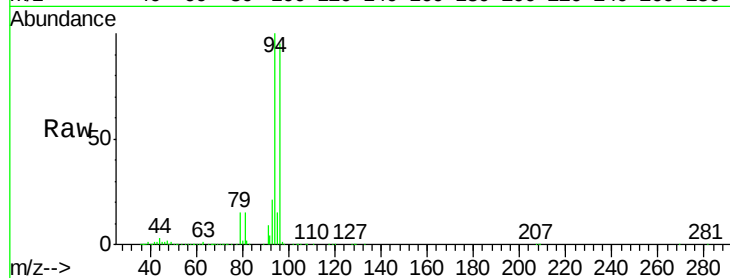
Ion Ratio Lower Upper

94 100

96 95.3 75.1 112.7

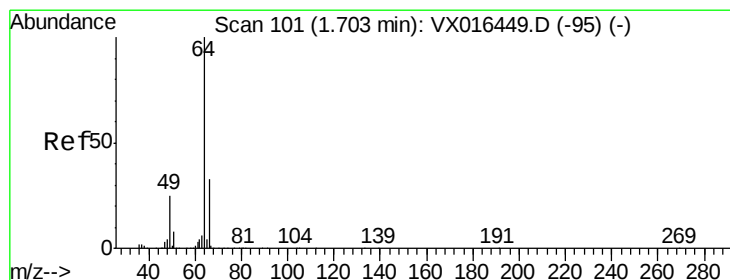
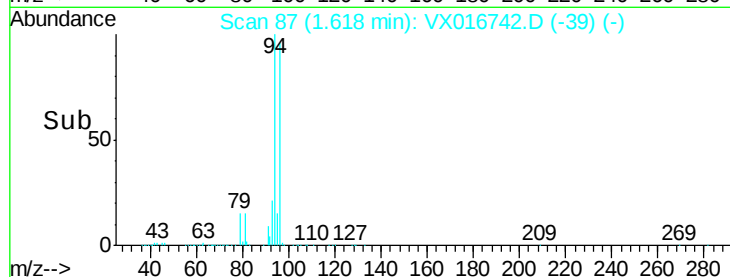
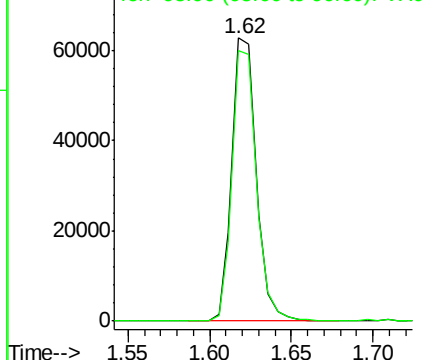
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.741 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016742.D

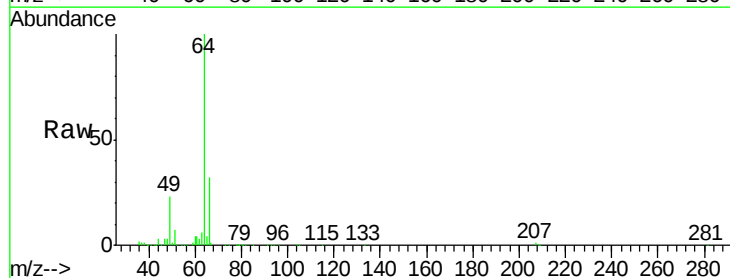
Acq: 12 Jun 2020 20:27

Tgt Ion: 64 Resp: 80611

Ion Ratio Lower Upper

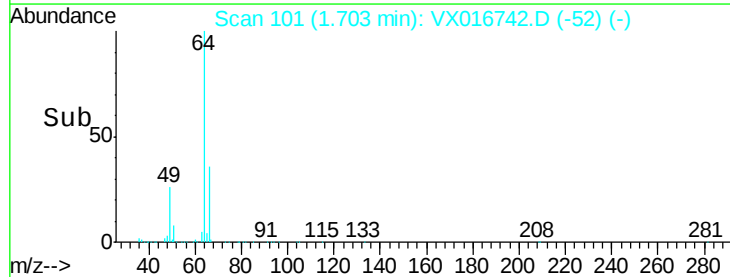
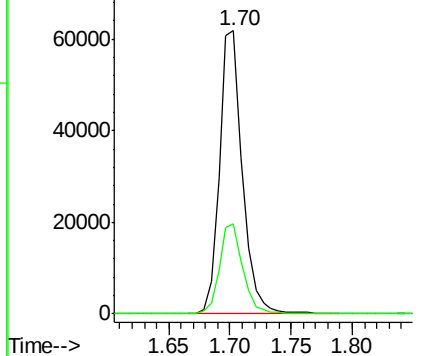
64 100

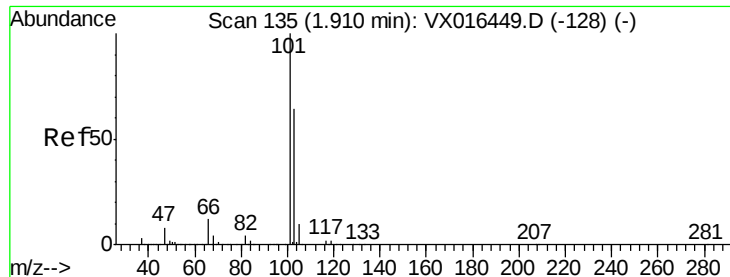
66 31.6 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

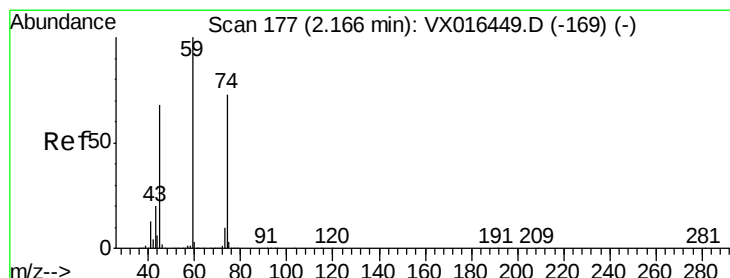
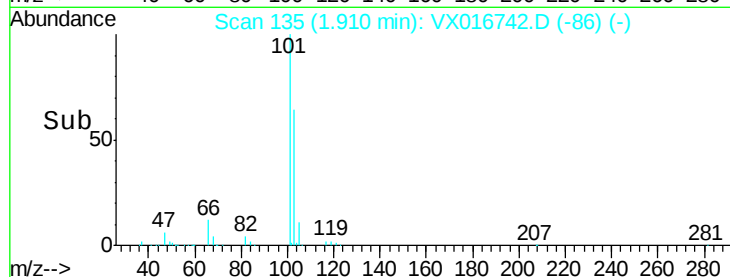
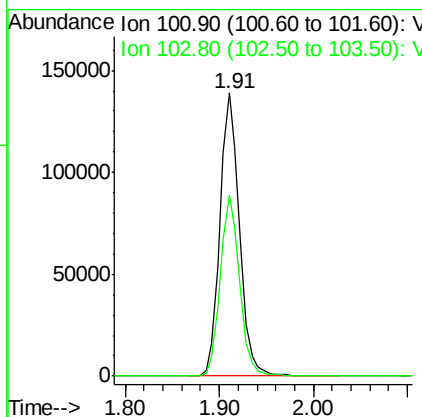
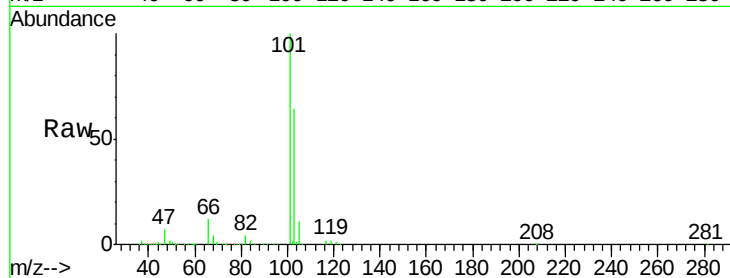
Trichlorofluoromethane
Concen: 55.532 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016742.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

Manual Integrations
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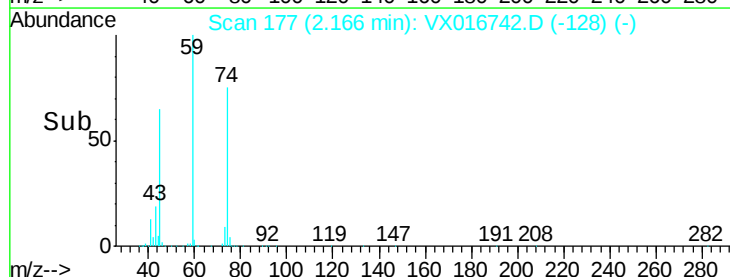
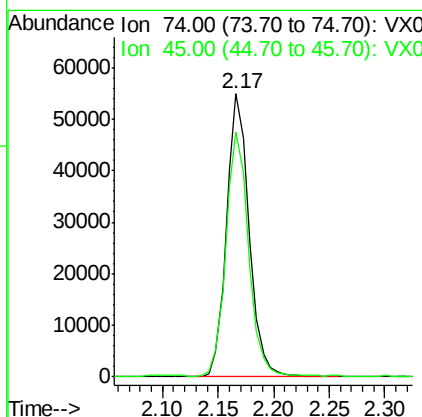
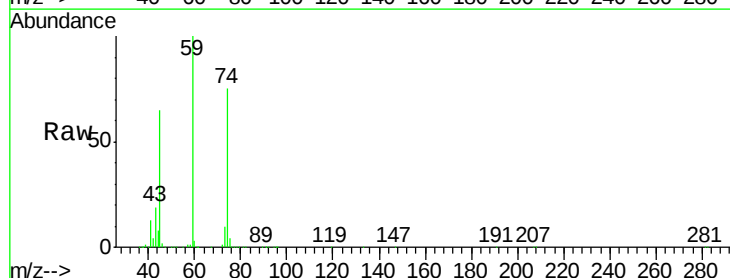
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6/15/2020 11:10:05 AM



#8

Diethyl Ether
Concen: 51.589 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.522 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

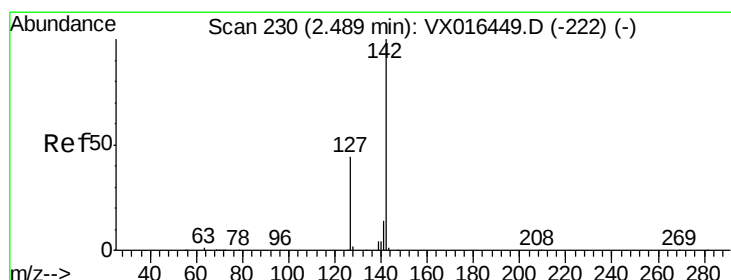
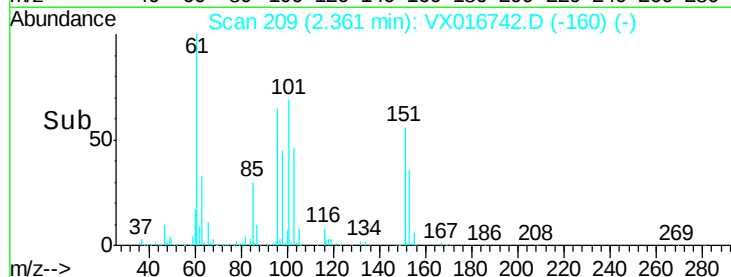
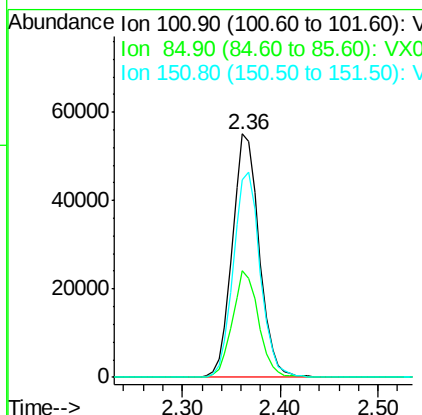
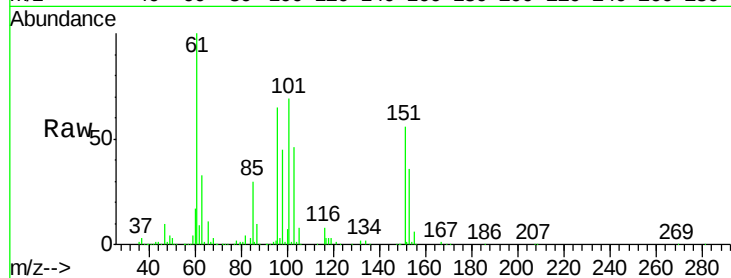
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	101	Resp:	105359
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	84.5	63.8	95.6

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#10

Methyl Iodide

Concen: 47.307 ug/l

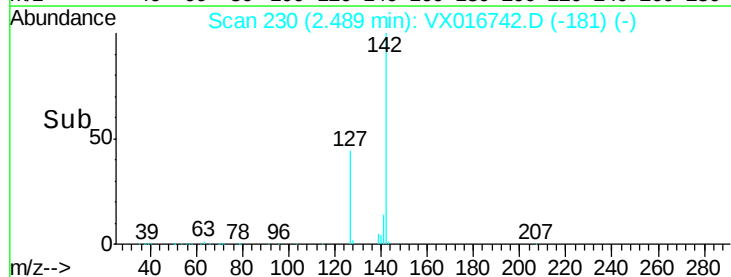
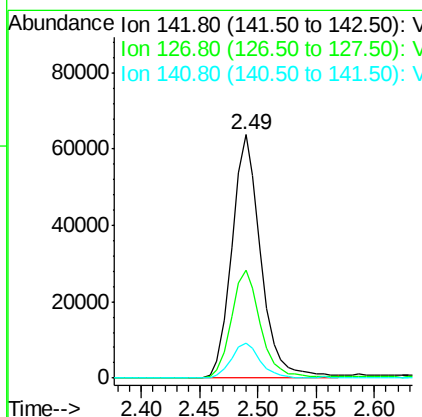
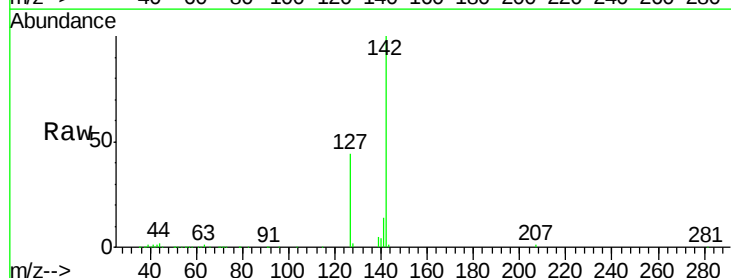
RT: 2.49 min Scan# 230

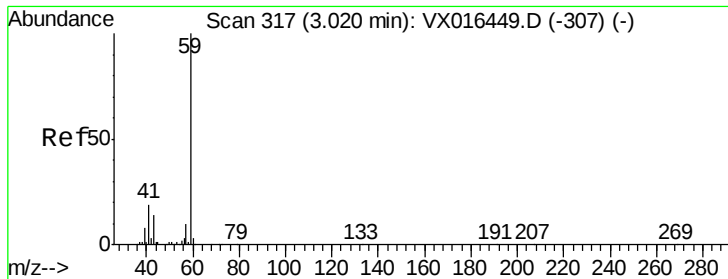
Delta R.T. 0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	142	Resp:	110847
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.3	52.9
141	14.7	11.4	17.2





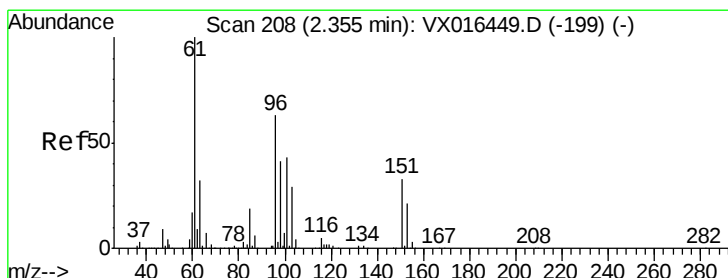
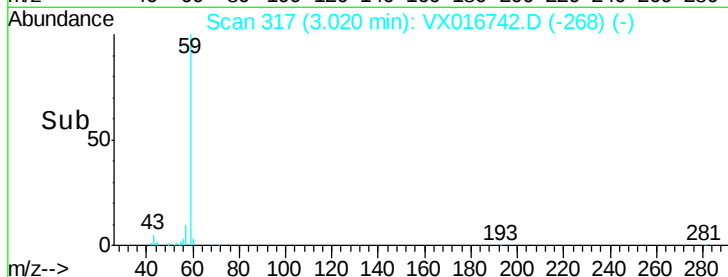
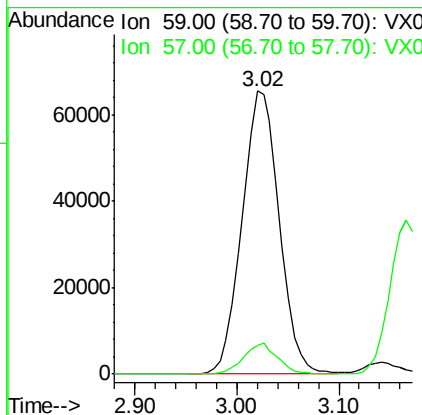
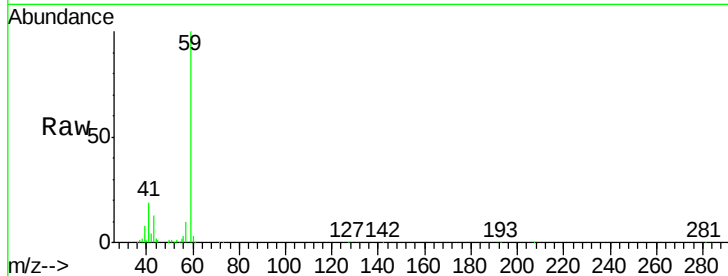
#11
Tert butyl alcohol
Concen: 240.385 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 59 Resp: 165772
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

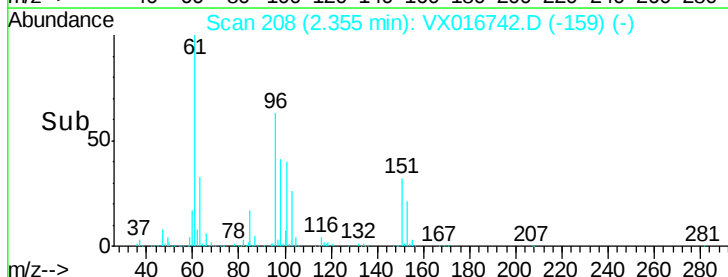
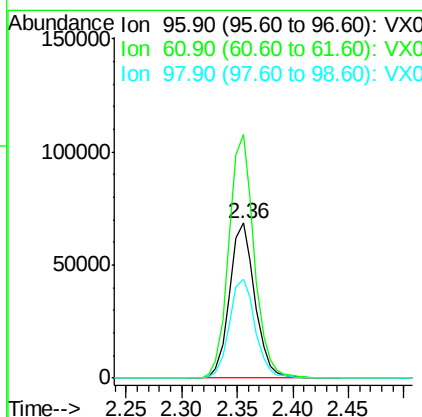
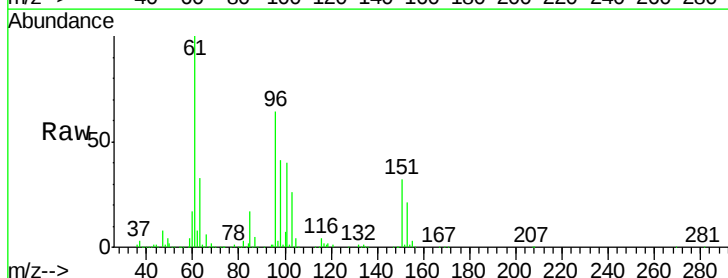
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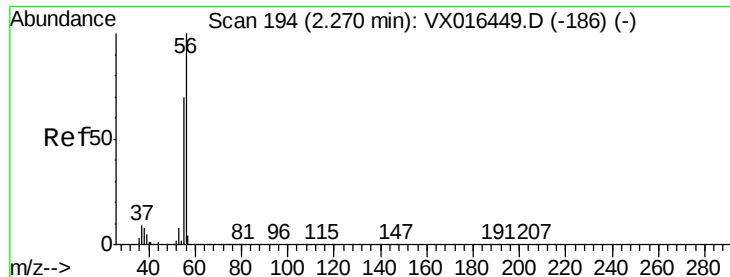
MMDadoda
6/15/2020 11:10:05 AM



#12
1,1-Dichloroethene
Concen: 51.579 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 96 Resp: 107474
Ion Ratio Lower Upper
96 100
61 157.5 126.6 189.8
98 64.3 51.3 76.9





#13

Acrolein

Concen: 253.447 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 56 Resp: 74349

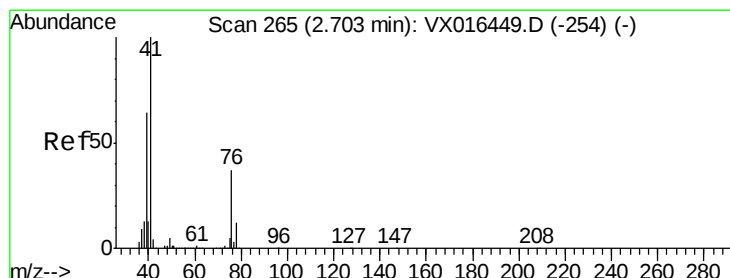
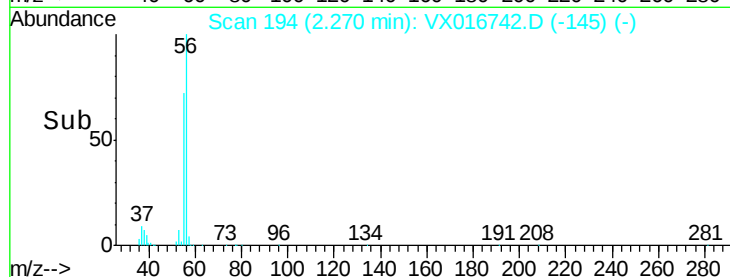
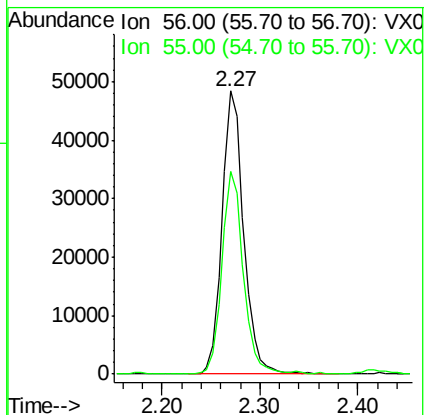
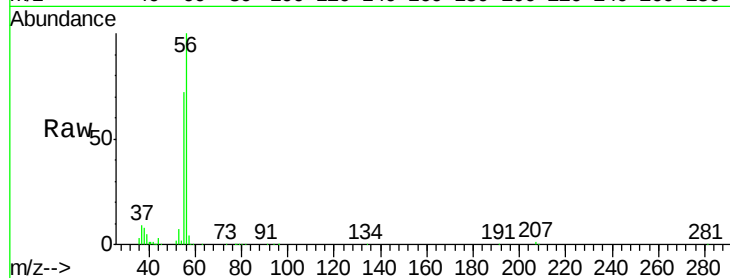
Ion Ratio Lower Upper

56 100

55 70.5 58.3 87.5

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#14

Allyl chloride

Concen: 44.734 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

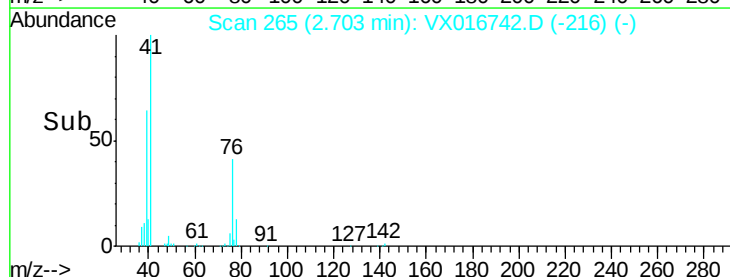
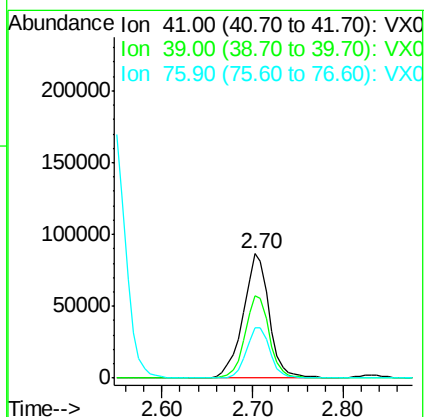
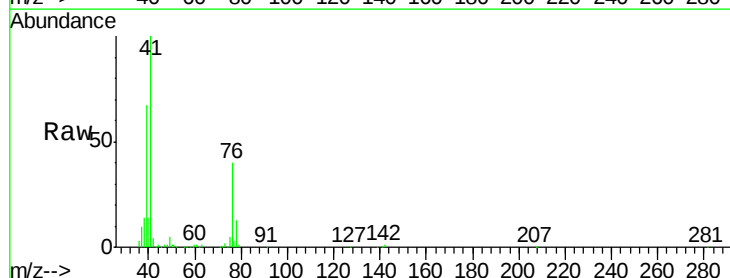
Tgt Ion: 41 Resp: 171420

Ion Ratio Lower Upper

41 100

39 61.9 47.7 71.5

76 37.0 26.6 40.0





#15

Acrylonitrile

Concen: 250.425 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

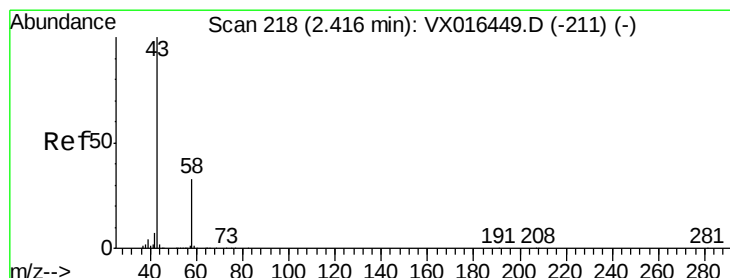
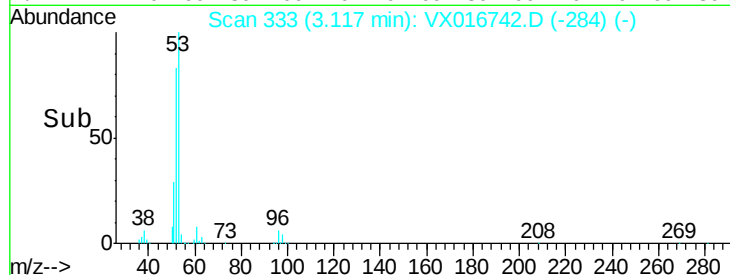
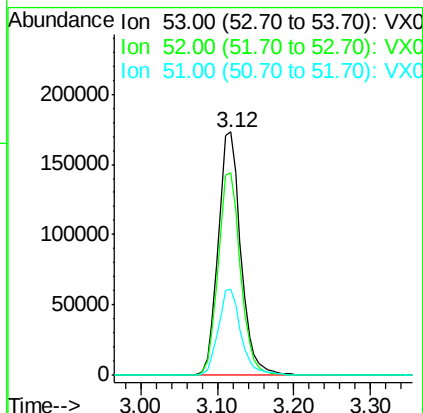
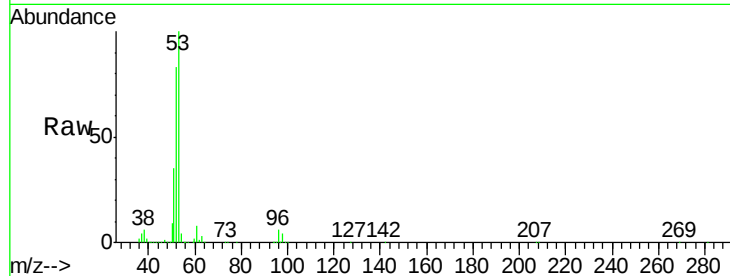
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	53	Resp:	353756
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	35.7	28.6	43.0

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#16

Acetone

Concen: 269.028 ug/l

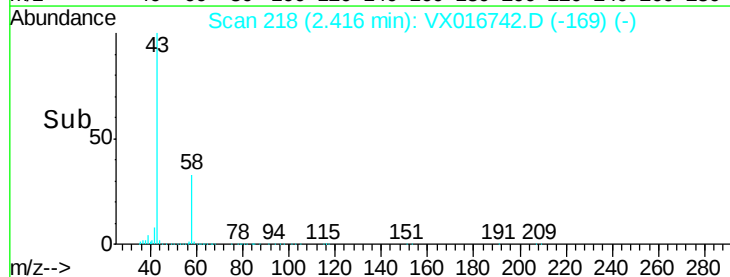
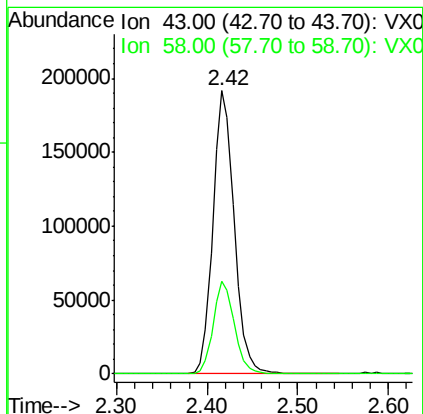
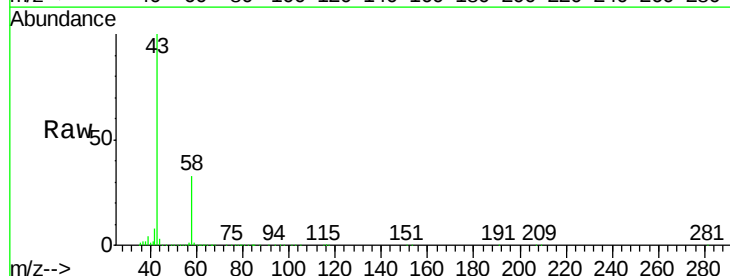
RT: 2.42 min Scan# 218

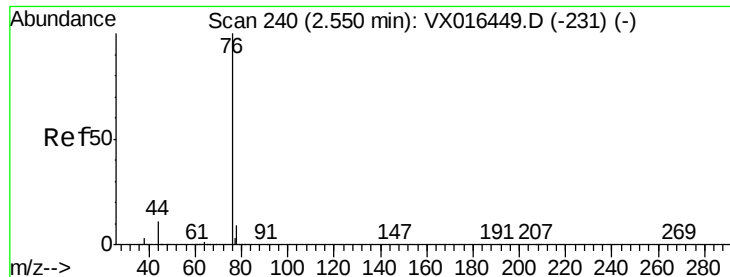
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	43	Resp:	316976
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.1	39.1





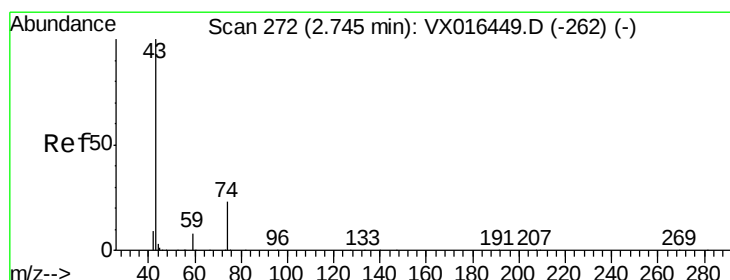
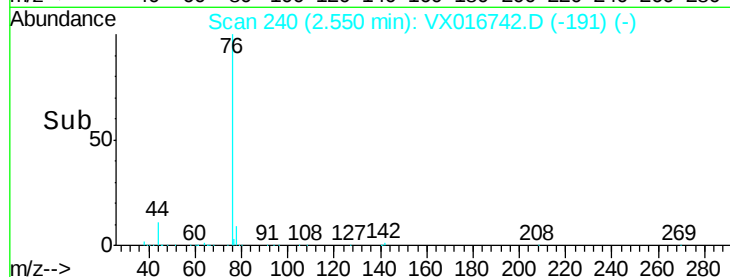
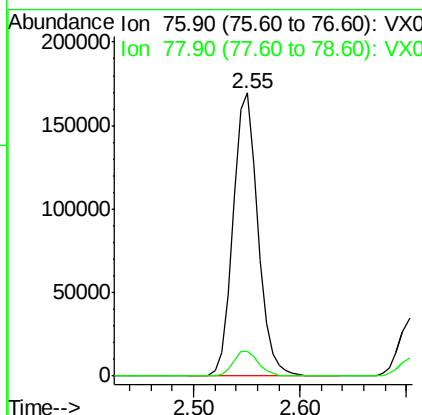
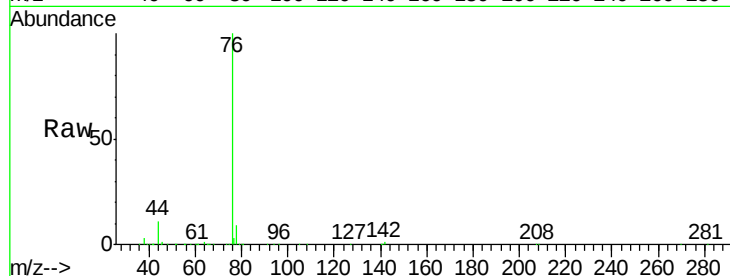
#17
Carbon Disulfide
Concen: 45.050 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

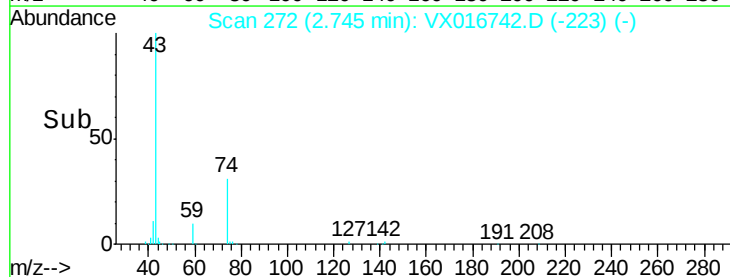
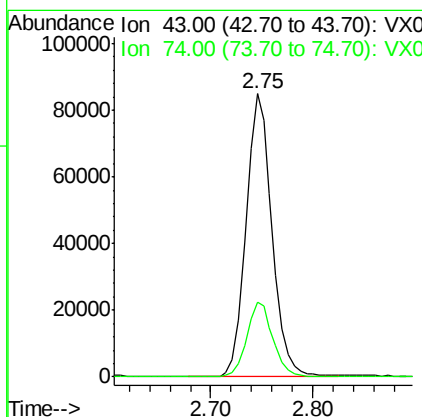
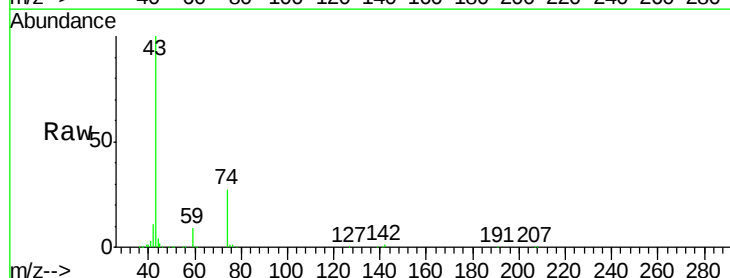
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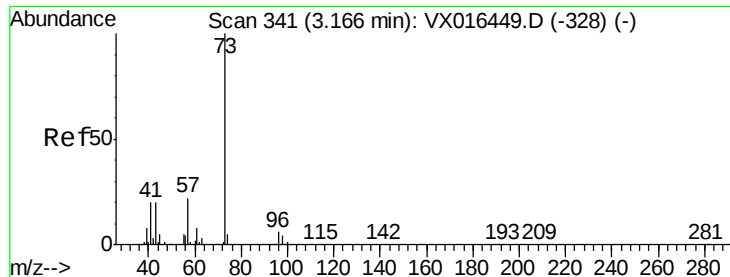
MMDadoda
6/15/2020 11:10:05 AM



#18
Methyl Acetate
Concen: 49.311 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	19.7	29.5





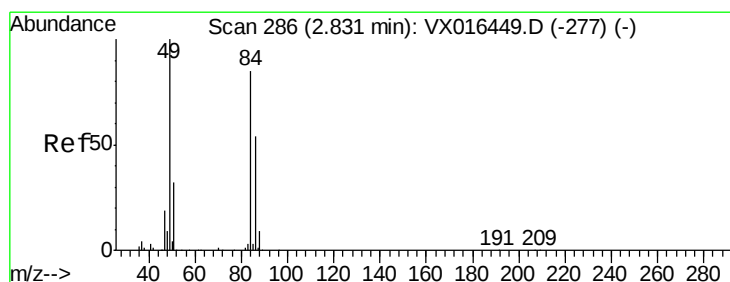
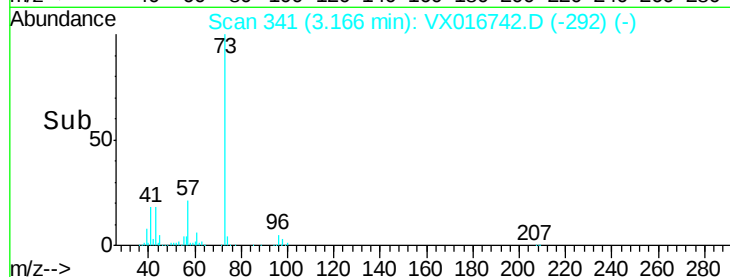
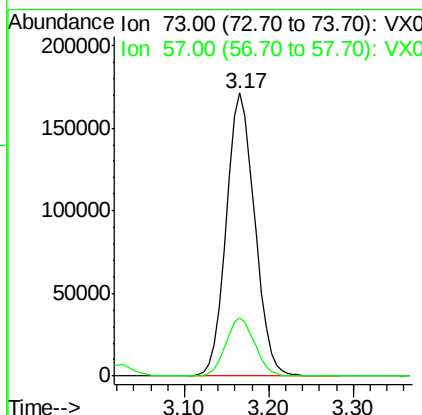
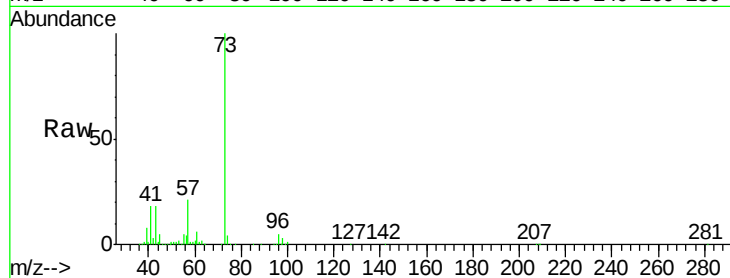
#19
Methyl tert-butyl Ether
Concen: 52.588 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 73 Resp: 393477
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.6

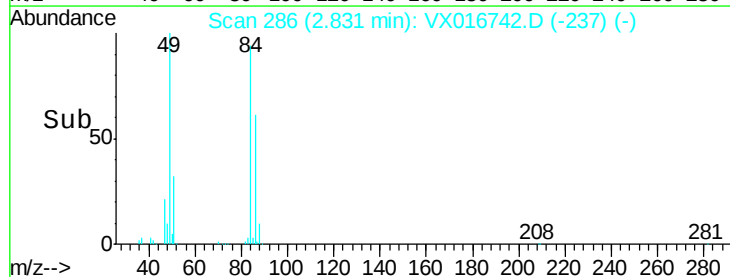
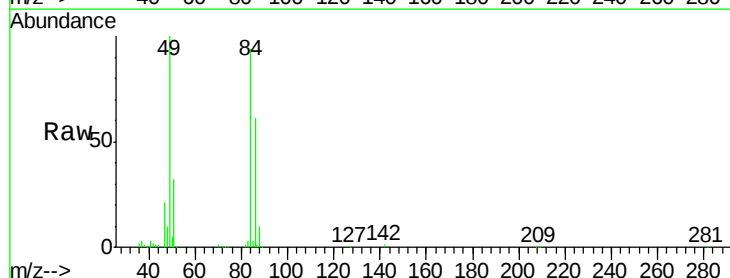
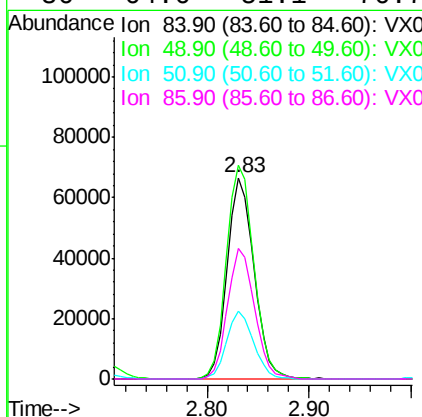
Manual Integrations
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6/15/2020 11:10:05 AM



#20
Methylene Chloride
Concen: 49.737 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 84 Resp: 121243
Ion Ratio Lower Upper
84 100
49 106.2 94.5 141.7
51 33.8 30.2 45.4
86 64.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 50.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

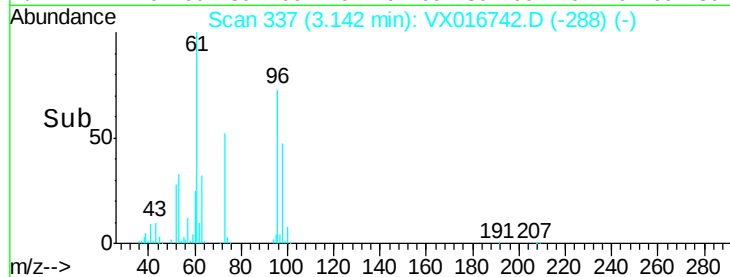
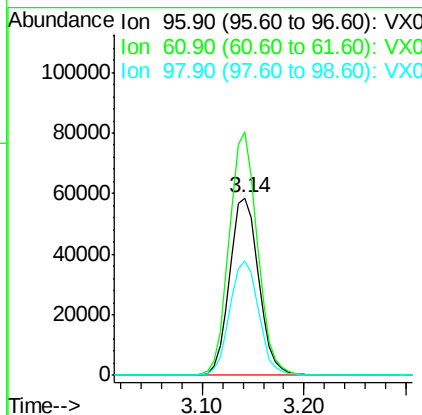
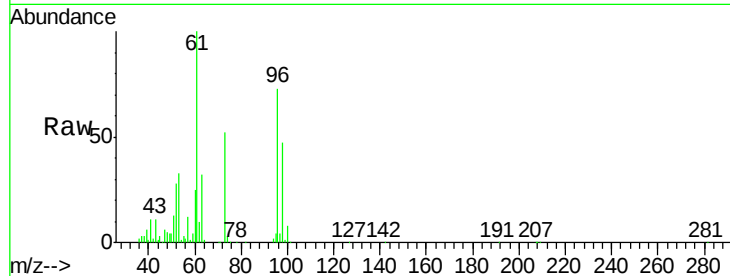
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	96	Resp:	115391
Ion Ratio	Lower	Upper	
96	100		
61	137.3	115.3	172.9
98	64.8	51.9	77.9

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#22

Diisopropyl ether

Concen: 46.746 ug/l

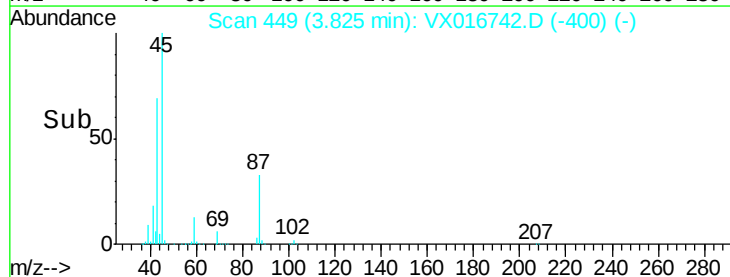
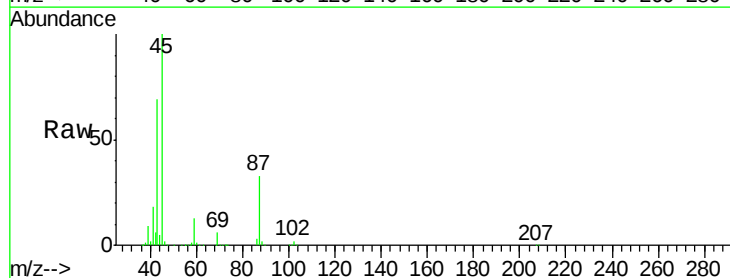
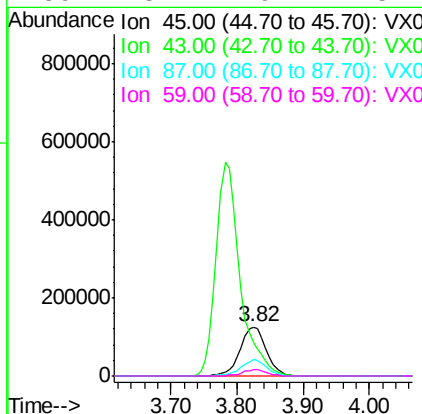
RT: 3.82 min Scan# 449

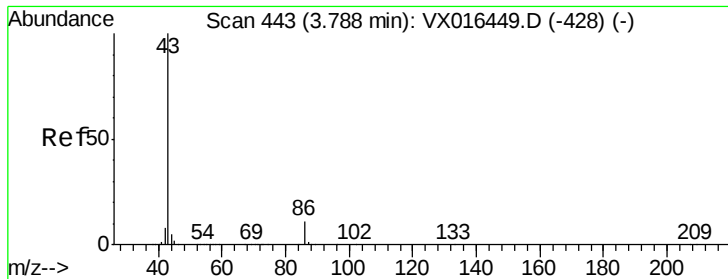
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	45	Resp:	344118
Ion Ratio	Lower	Upper	
45	100		
43	68.8	57.0	85.6
87	33.0	22.5	33.7
59	13.2	9.1	13.7





#23

Vinyl Acetate

Concen: 214.945 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 43 Resp: 1384987

Ion Ratio Lower Upper

43 100

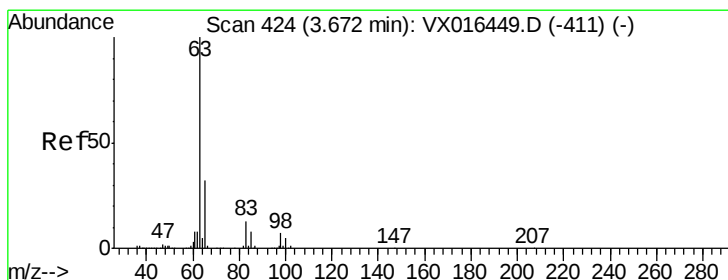
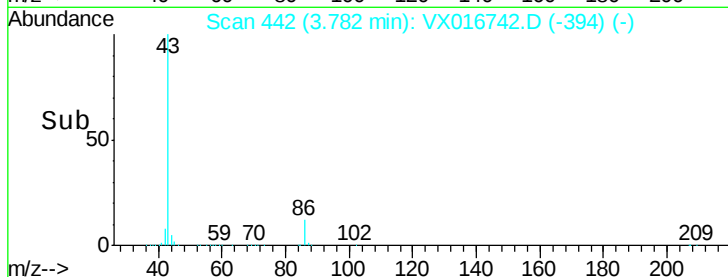
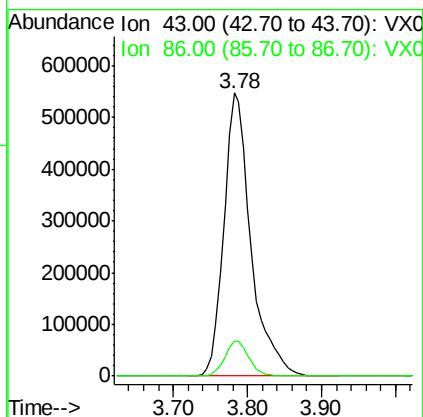
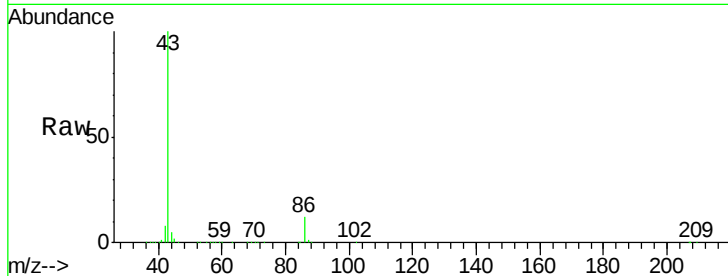
86 12.5 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.297 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

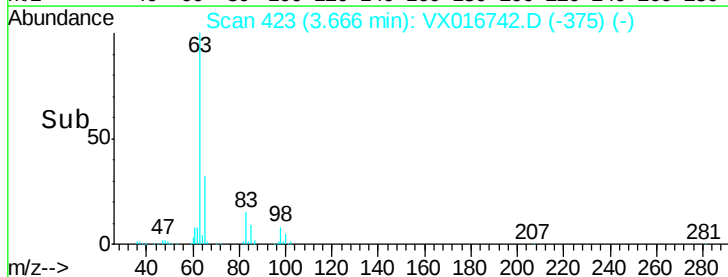
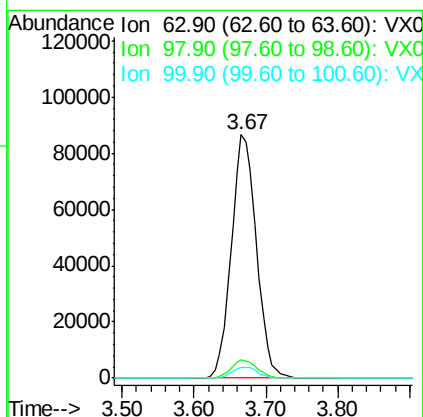
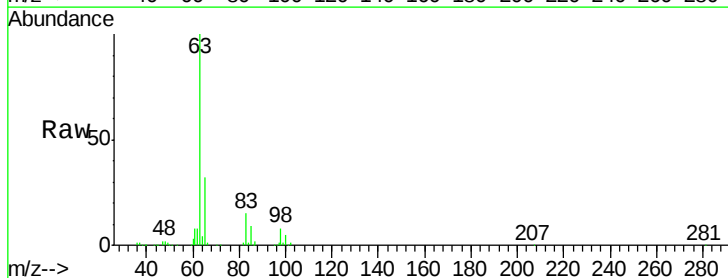
Tgt Ion: 63 Resp: 208977

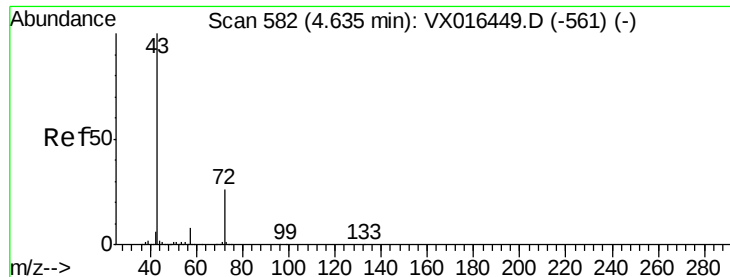
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 238.008 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 43 Resp: 475173

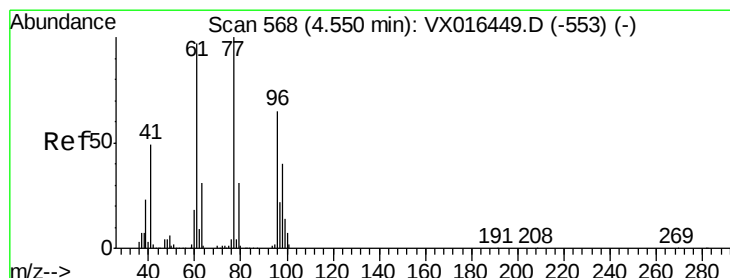
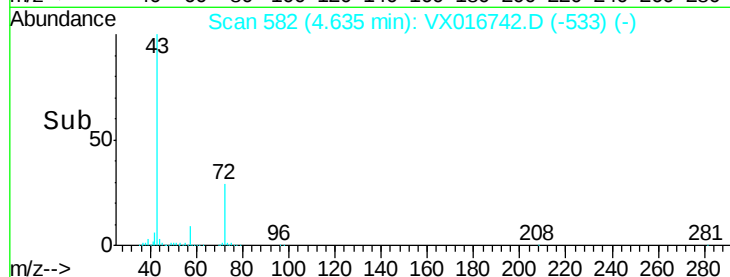
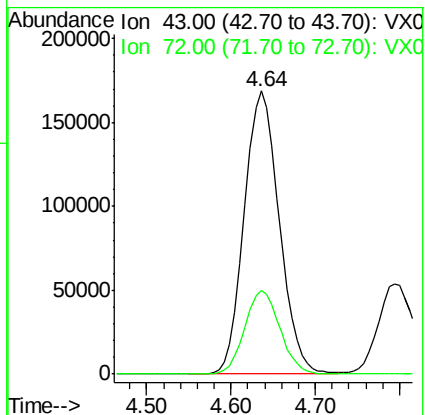
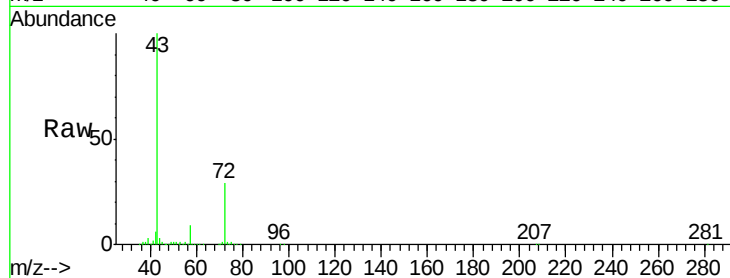
Ion Ratio Lower Upper

43 100

72 29.3 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 48.436 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016742.D

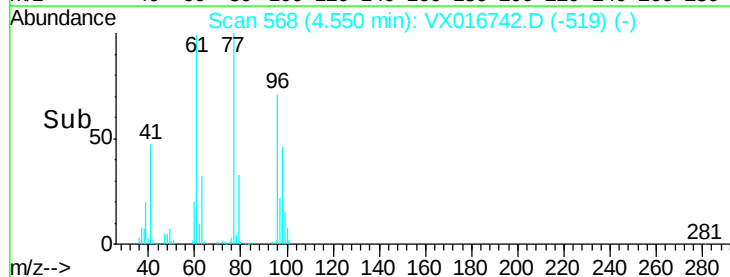
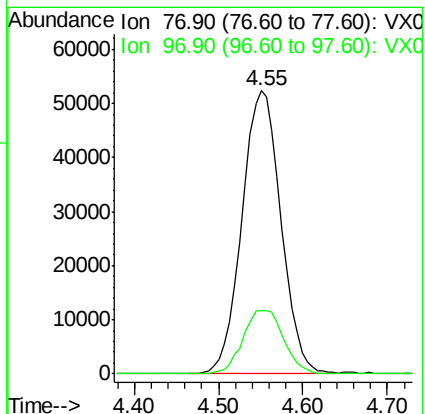
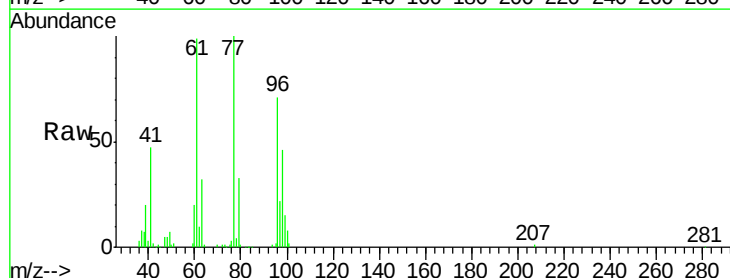
Acq: 12 Jun 2020 20:27

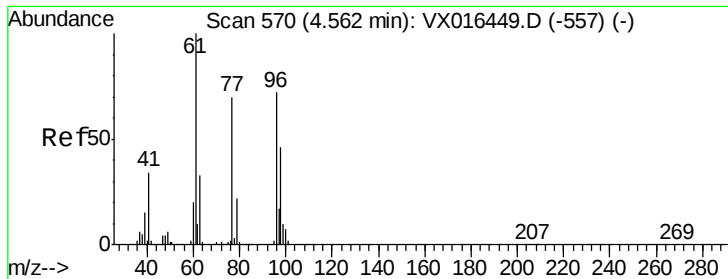
Tgt Ion: 77 Resp: 164674

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

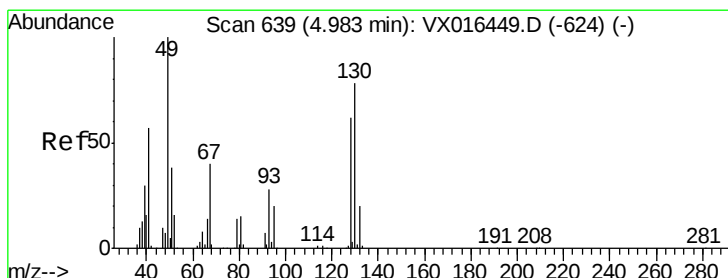
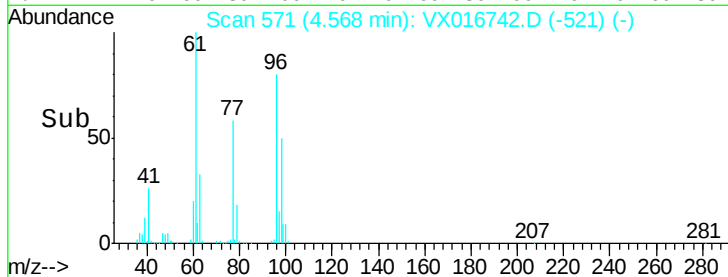
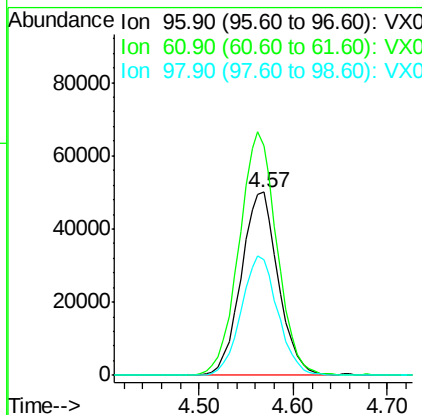
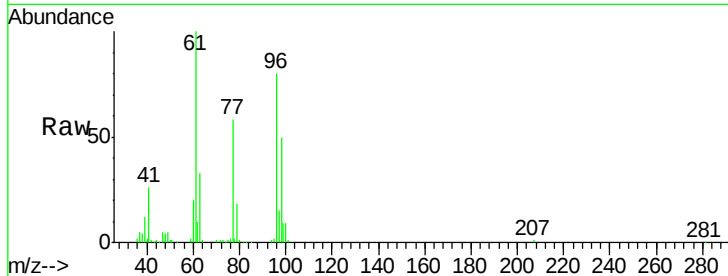
cis-1,2-Dichloroethene
Concen: 51.750 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	137981		
61	135.3	0.0	284.6	
98	64.3	0.0	127.2	

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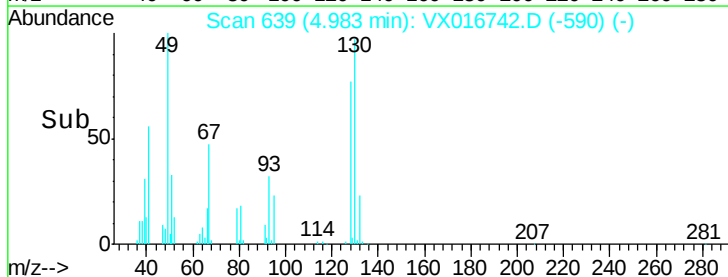
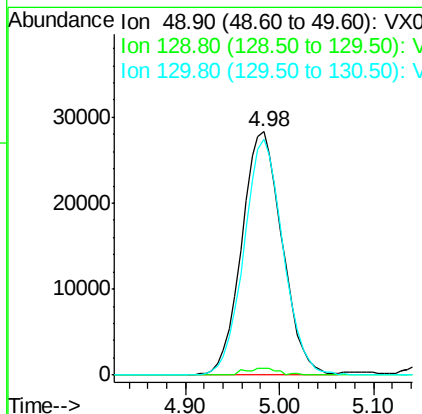
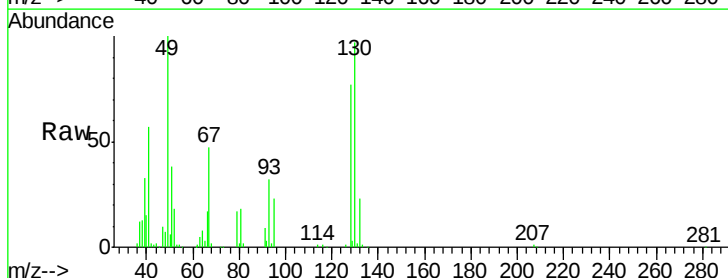
MMDadoda
6/15/2020 11:10:05 AM



#28

Bromochloromethane
Concen: 44.184 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85310		
129	2.4	0.0	4.0	
130	93.8	63.0	94.4	





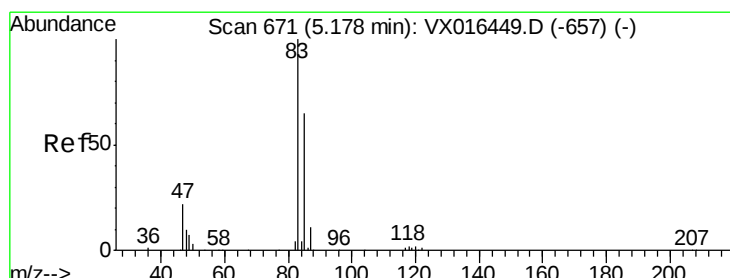
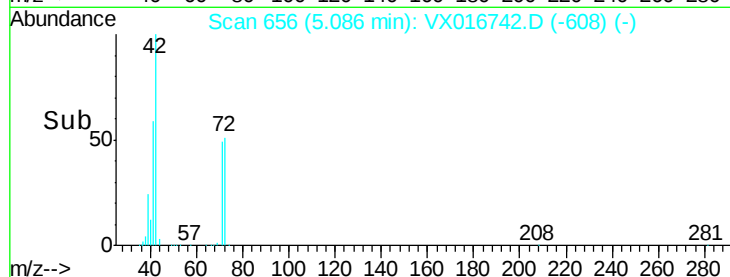
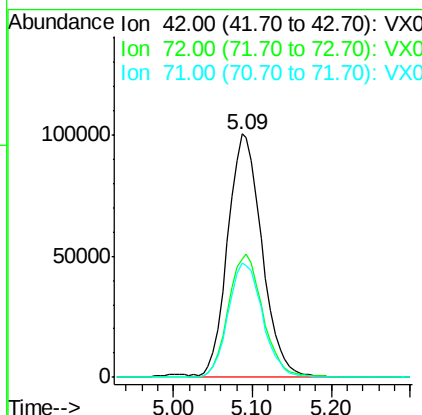
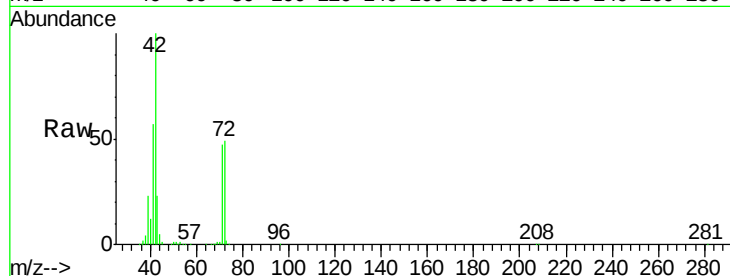
#29
Tetrahydrofuran
Concen: 234.149 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.4	37.0	55.4
71	47.5	34.1	51.1

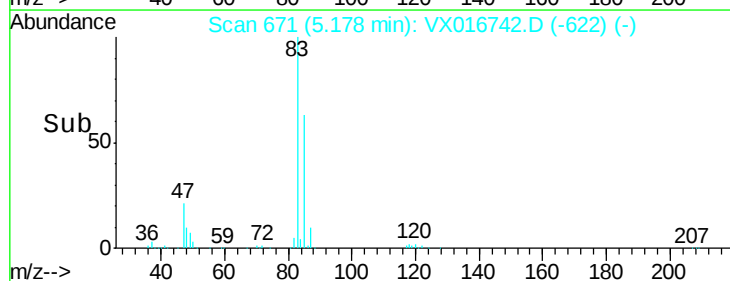
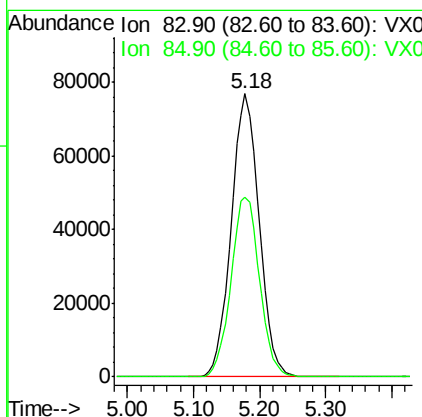
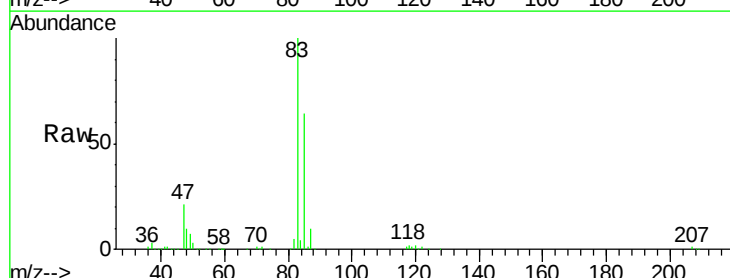
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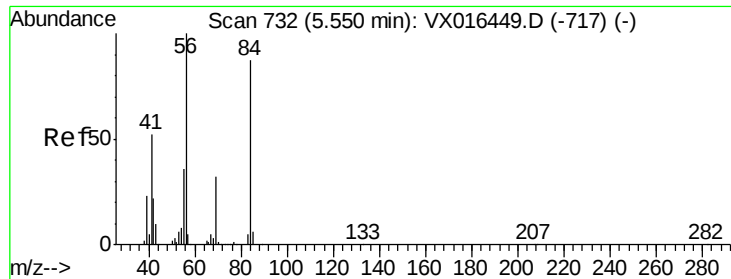
MMDadoda
6/15/2020 11:10:05 AM



#30
Chloroform
Concen: 53.755 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





#31

Cyclohexane

Concen: 42.433 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

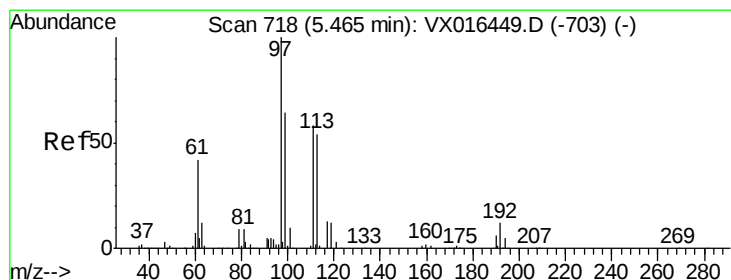
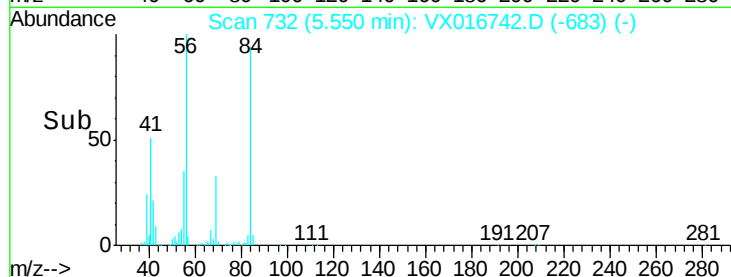
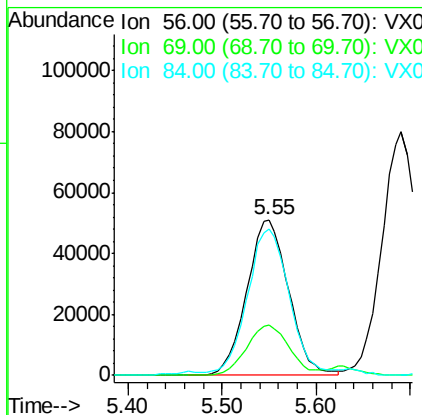
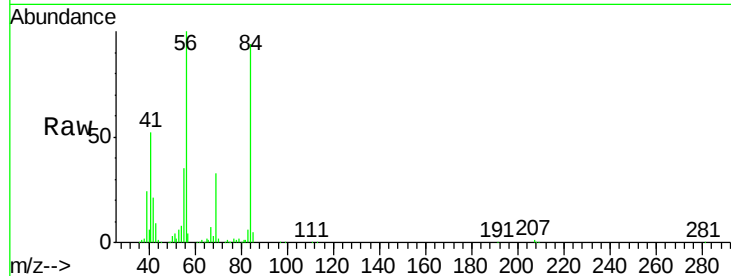
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.7	38.5
84	91.7	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 55.097 ug/l

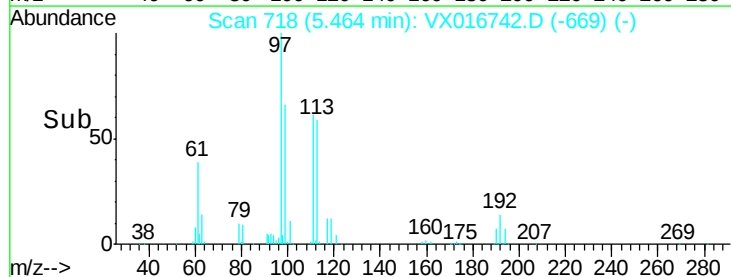
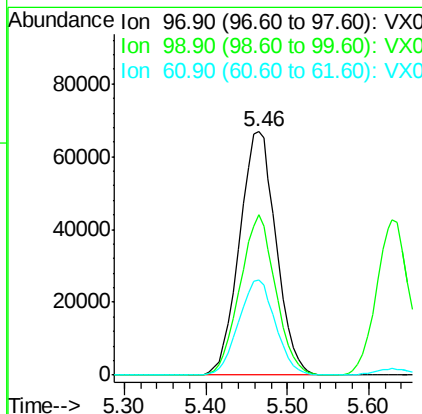
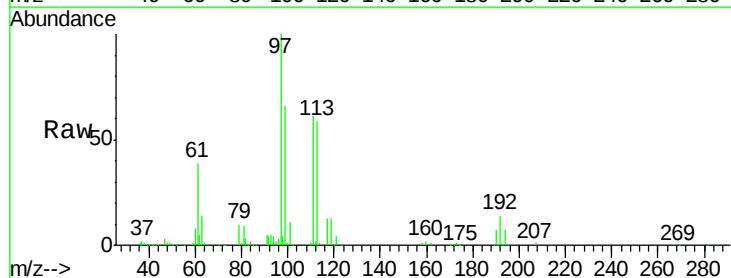
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.2
61	39.2	33.5	50.3





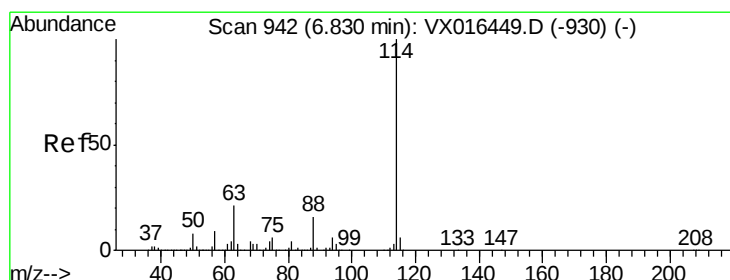
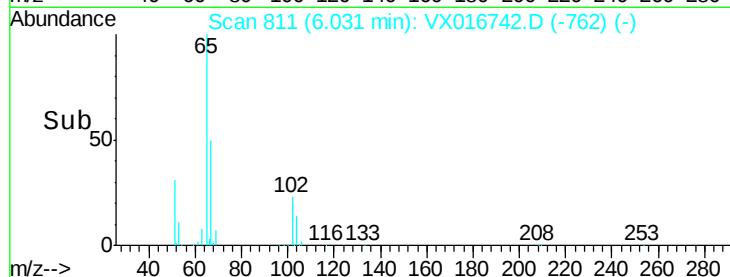
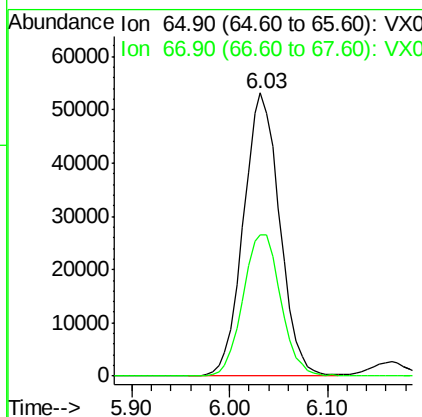
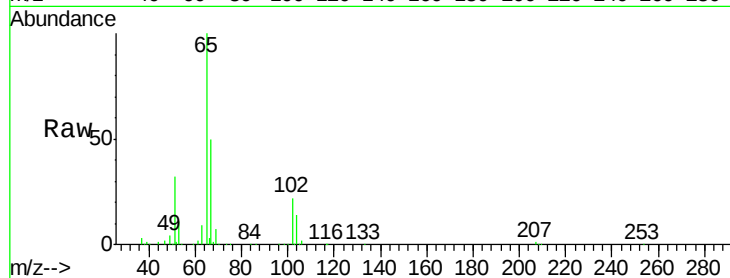
#33
 1,2-Dichloroethane-d4
 Concen: 51.050 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	137288		
67	52.2	0.0	104.8	

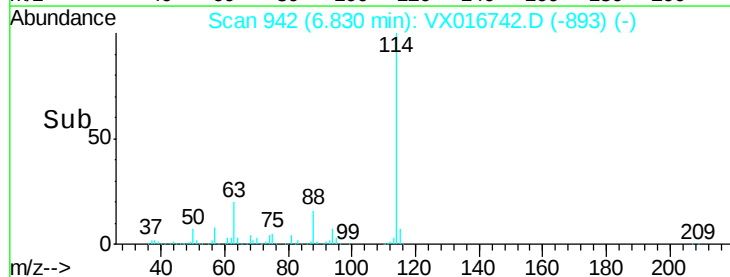
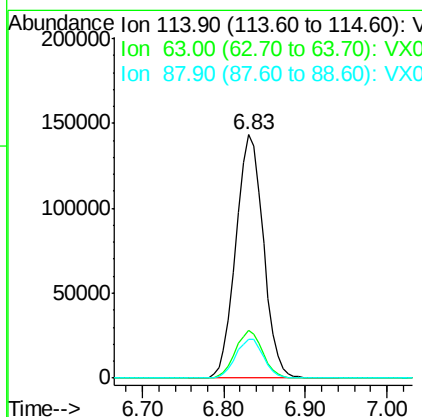
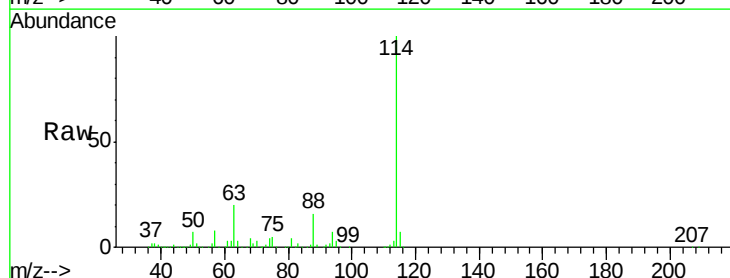
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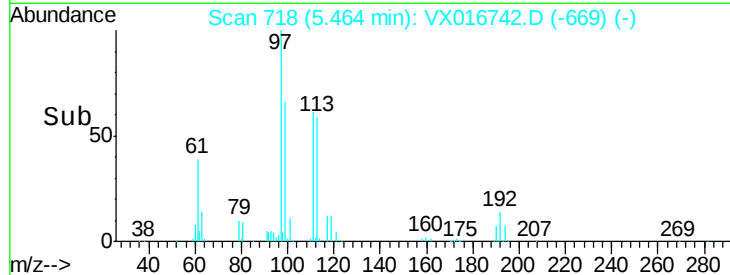
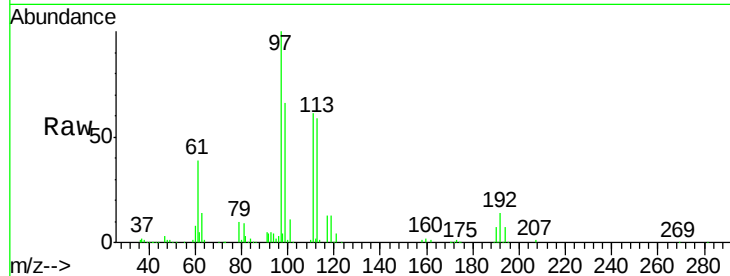
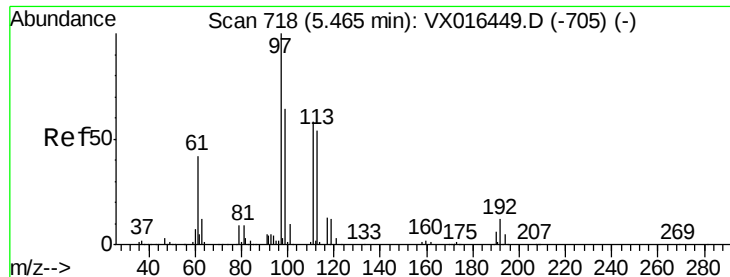
MMDadoda
 6/15/2020 11:10:05 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	334316		
63	19.6	0.0	42.6	
88	16.2	0.0	32.8	





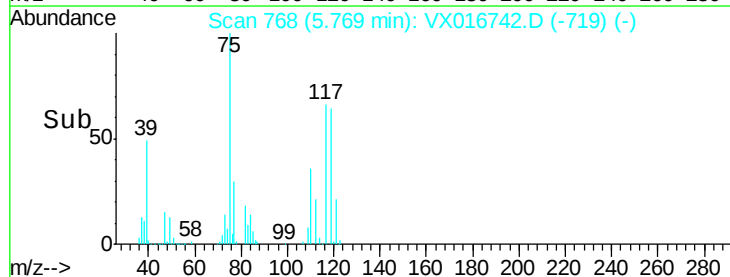
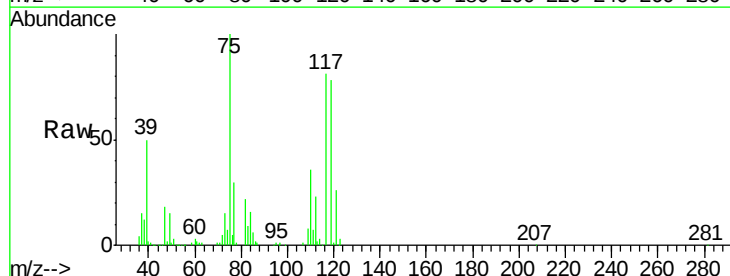
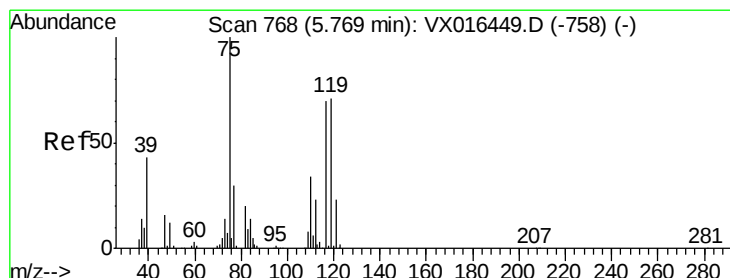
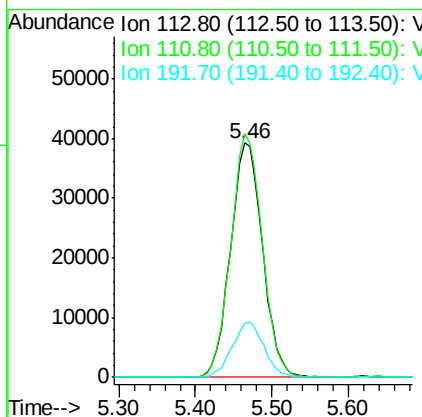
#35
Dibromofluoromethane
Concen: 55.418 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	114079		
111	101.5	83.0	124.6	
192	23.4	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

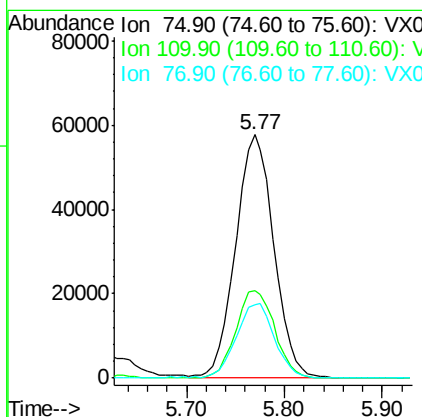
Manual Integrations
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6/15/2020 11:10:05 AM



#36
1,1-Dichloropropene
Concen: 49.214 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	155778		
110	36.9	17.4	52.3	
77	30.7	24.2	36.4	





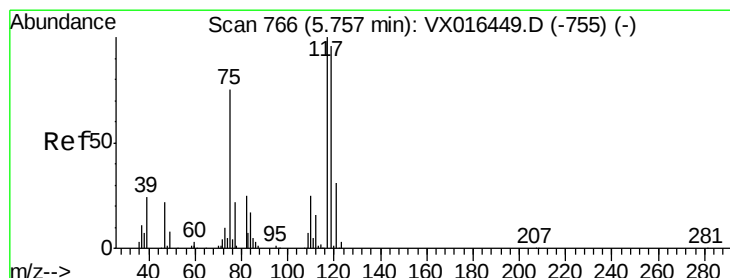
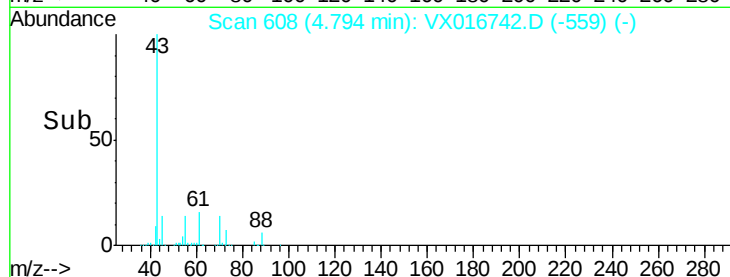
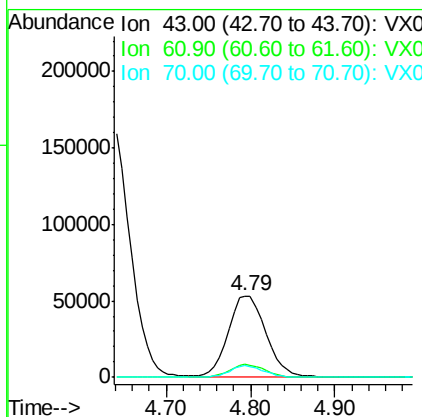
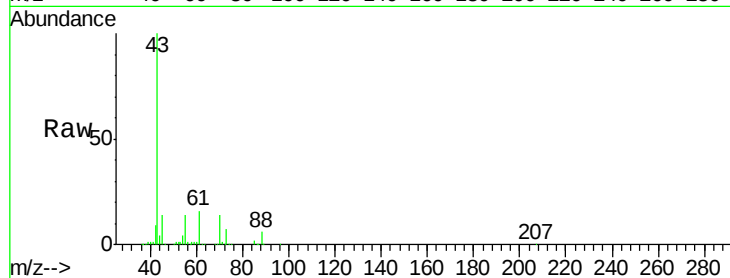
#37
Ethyl Acetate
Concen: 42.364 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	12.9	9.3	13.9

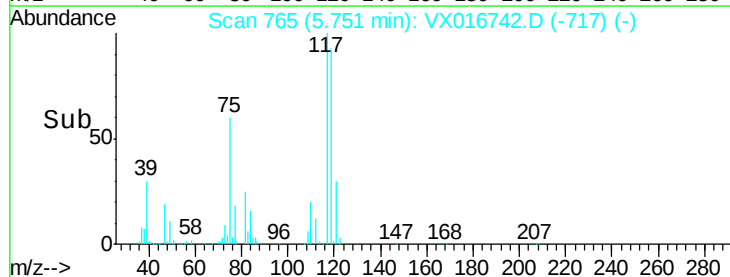
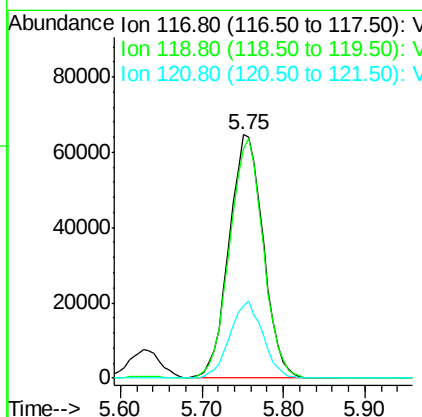
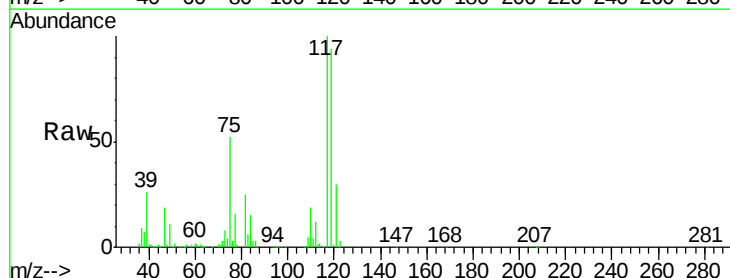
Manual Integrations
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6/15/2020 11:10:05 AM



#38
Carbon Tetrachloride
Concen: 56.143 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.3	114.5
121	29.5	24.6	37.0





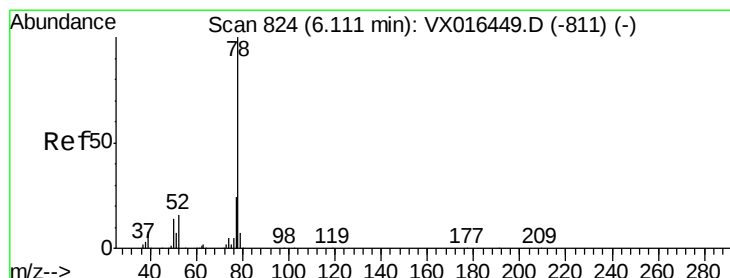
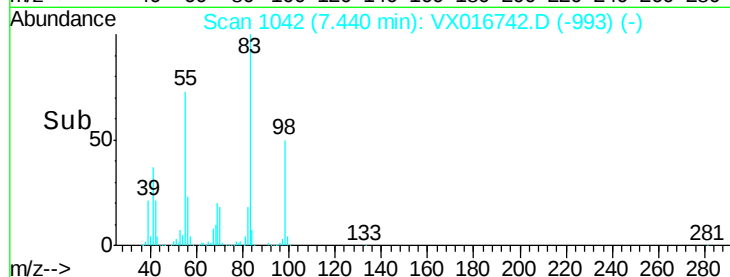
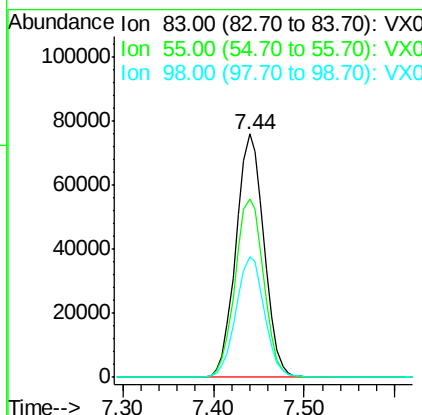
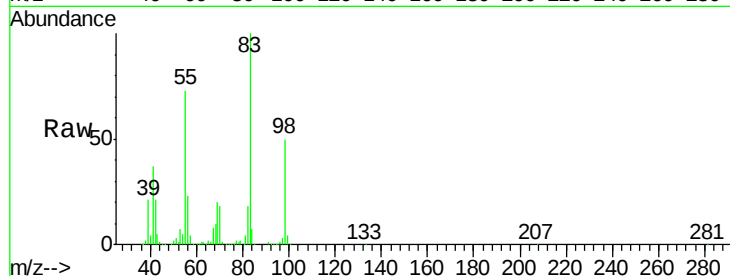
#39
Methylcyclohexane
Concen: 47.527 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.5	61.7	92.5
98	49.8	38.7	58.1

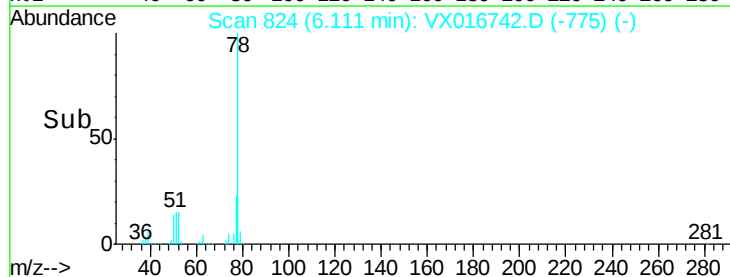
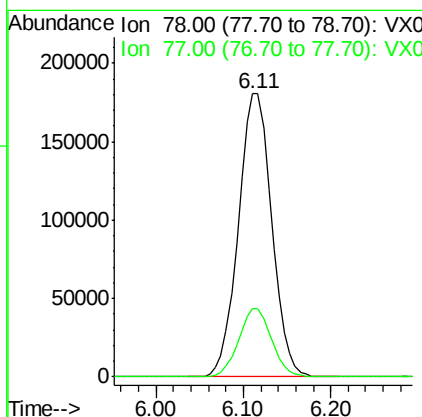
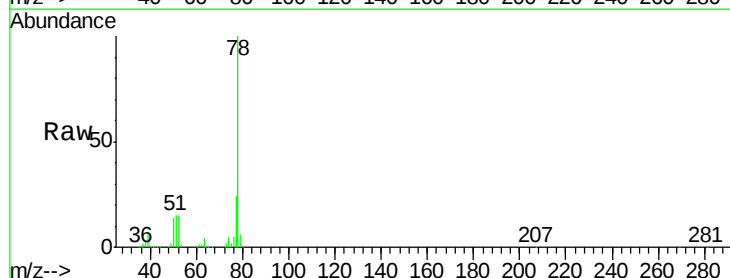
Manual Integrations
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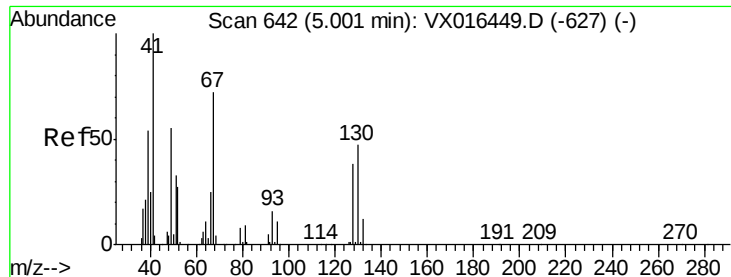
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#40
Benzene
Concen: 50.758 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





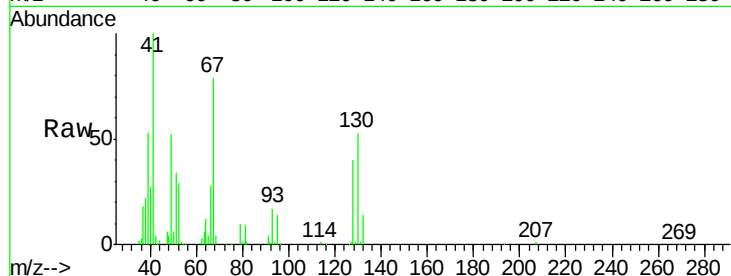
#41
Methacrylonitrile
Concen: 47.232 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

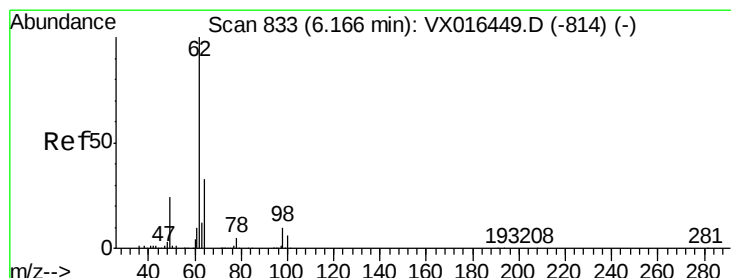
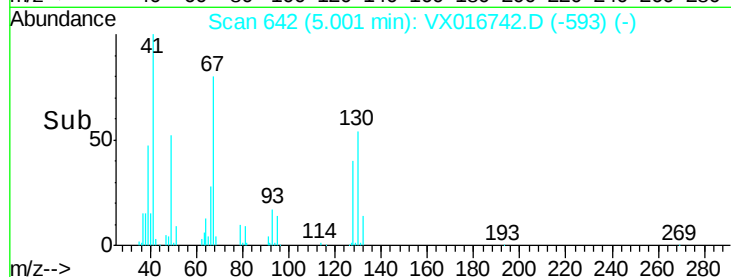
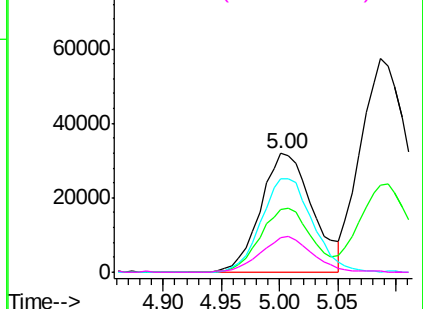
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.0	64.4
67	78.2	58.9	88.3
52	30.3	23.1	34.7

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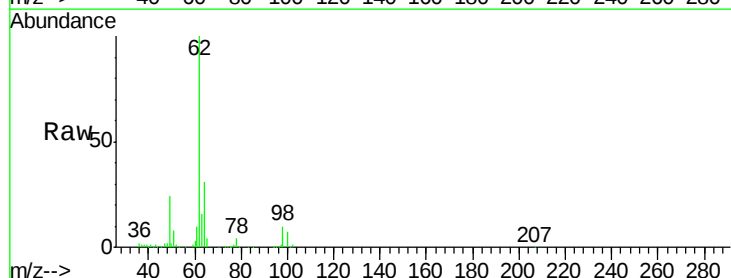


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

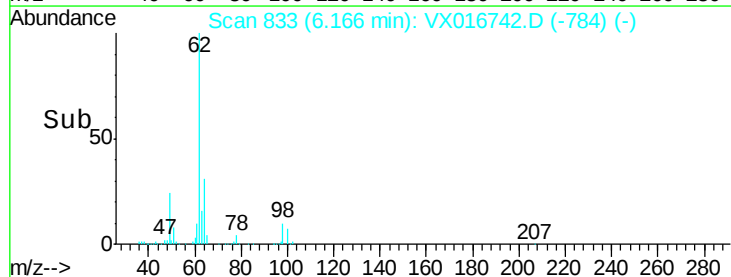
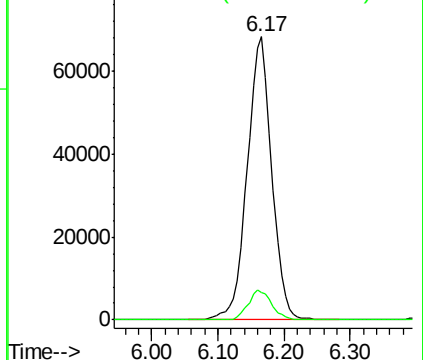


#42
1,2-Dichloroethane
Concen: 52.529 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

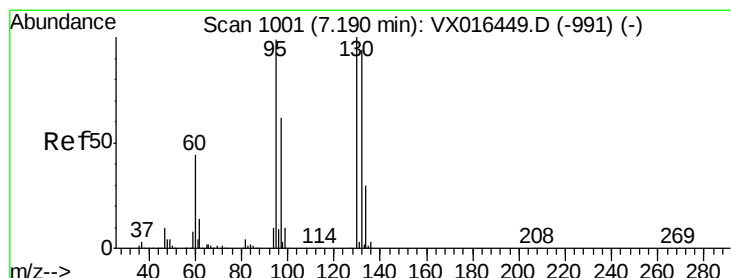
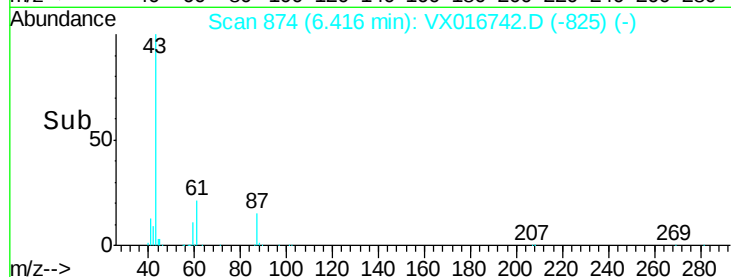
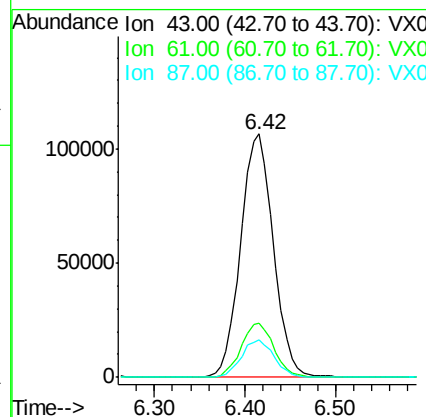
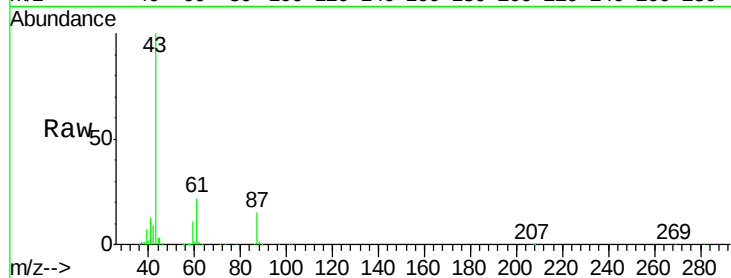
Isopropyl Acetate
 Concen: 44.889 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.4	16.8	25.2
87	15.3	11.2	16.8

Manual Integrations
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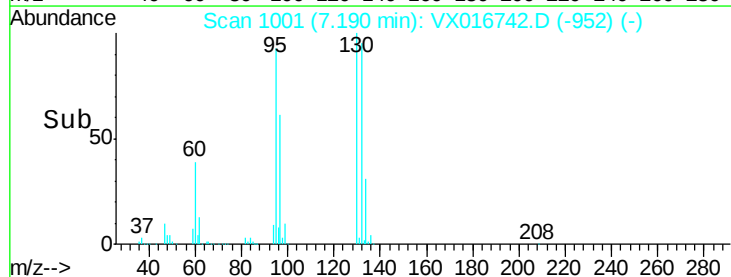
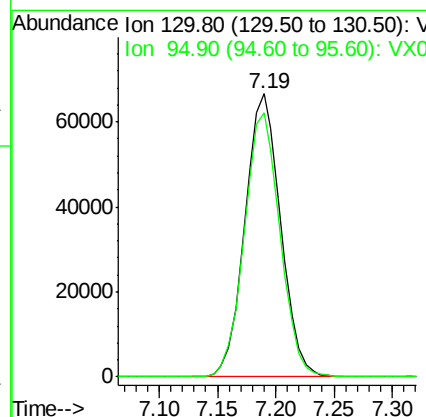
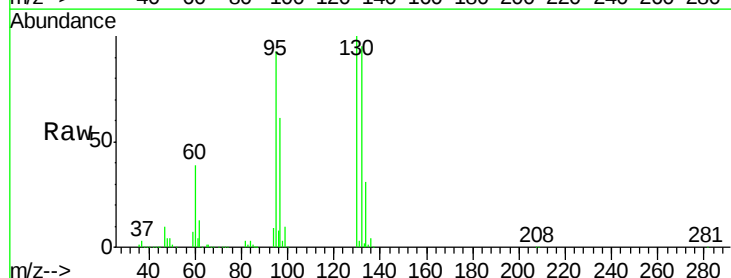
MMDadoda
 6/15/2020 11:10:05 AM

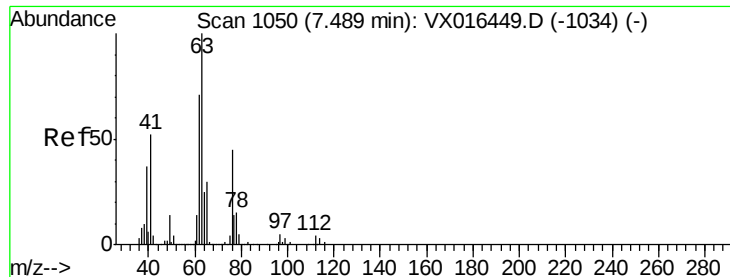


#44

Trichloroethene
 Concen: 47.633 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	198.2





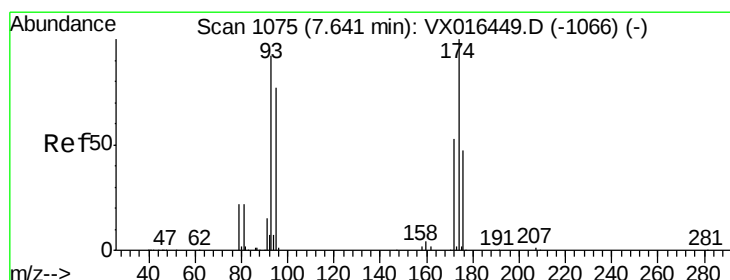
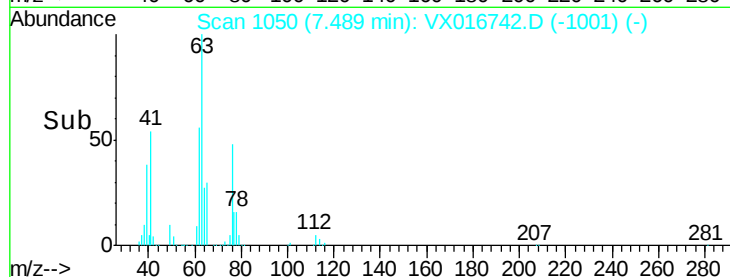
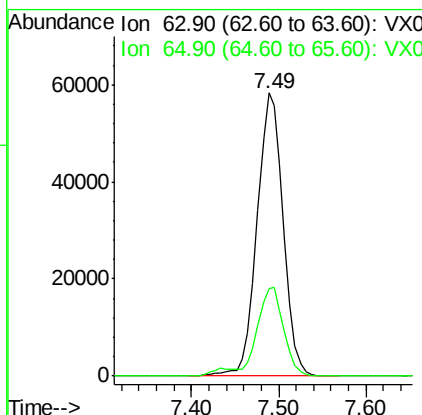
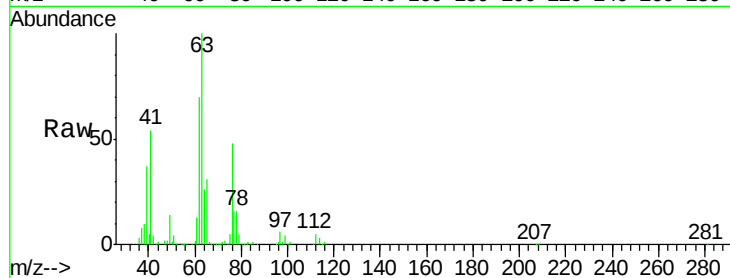
#45
 1,2-Dichloropropane
 Concen: 50.455 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion: 63 Resp: 121078
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.2

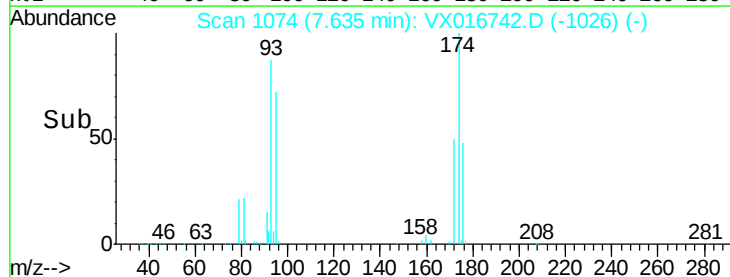
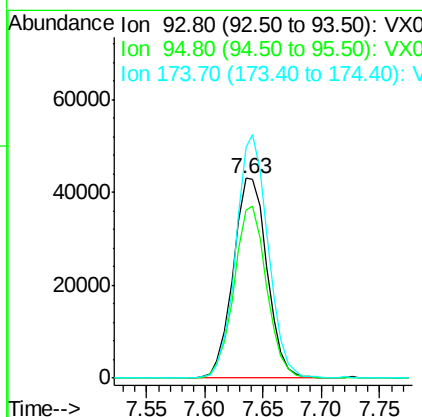
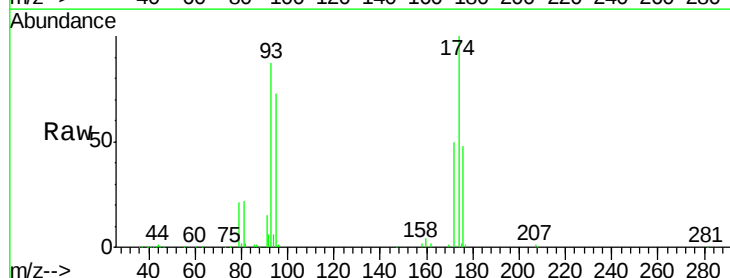
Manual Integrations
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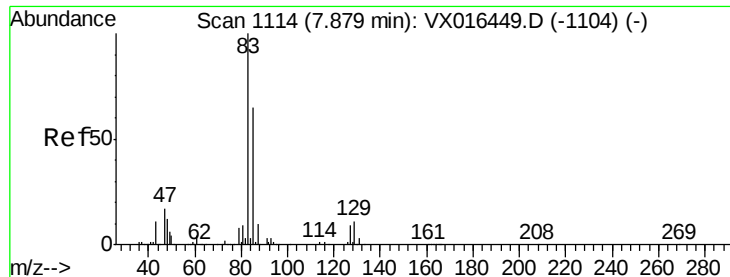
MMDadoda
 6/15/2020 11:10:05 AM



#46
 Dibromomethane
 Concen: 54.078 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion: 93 Resp: 87163
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.6 100.0
 174 115.7 86.2 129.4





#47

Bromodichloromethane

Concen: 55.976 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

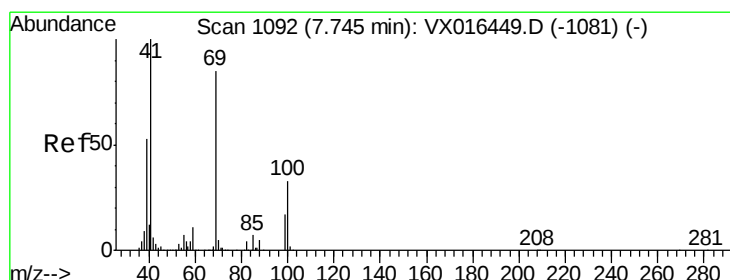
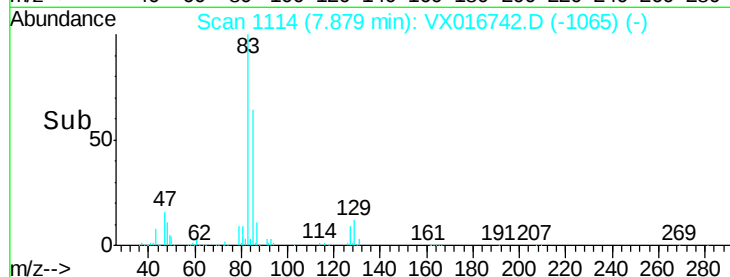
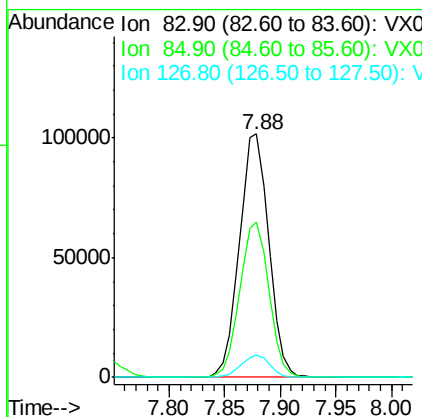
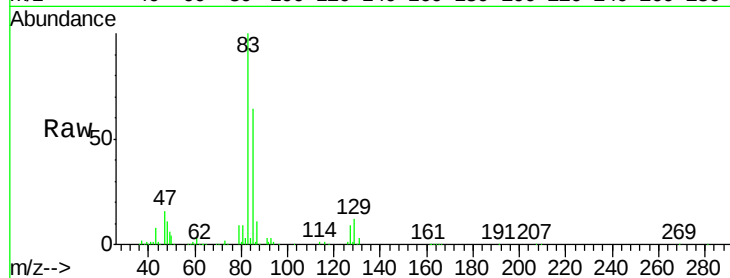
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0
127	9.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 48.236 ug/l

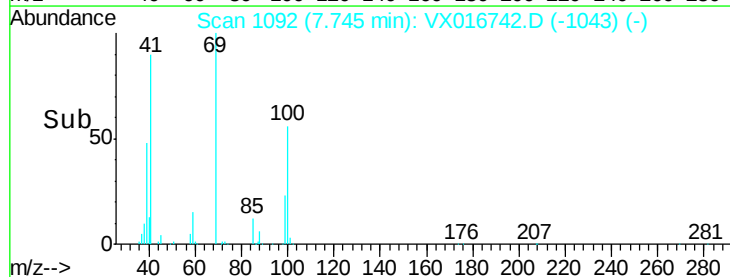
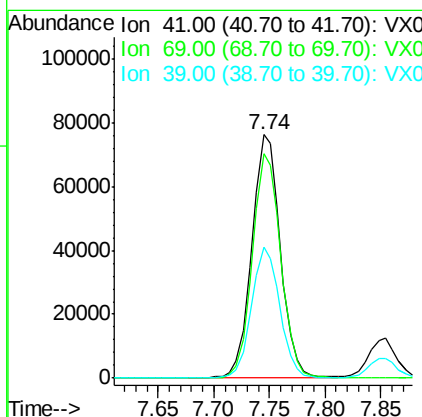
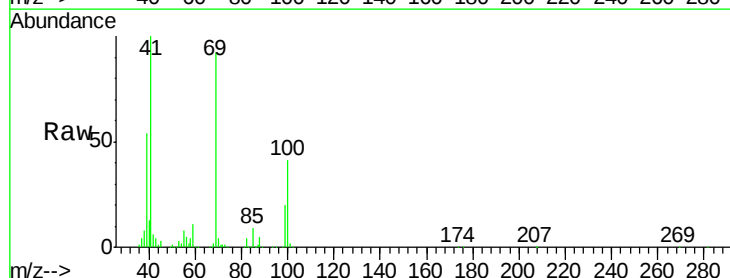
RT: 7.74 min Scan# 1092

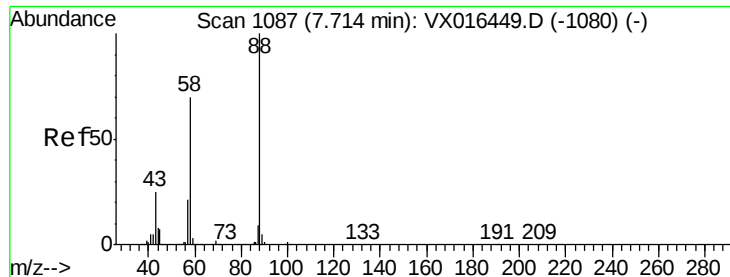
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.5	68.6	102.8
39	53.1	42.4	63.6





#49

1,4-Dioxane

Concen: 939.403 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

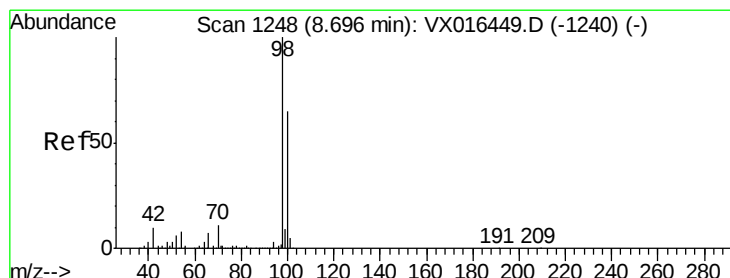
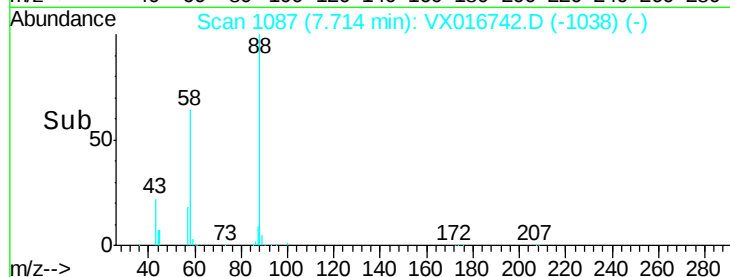
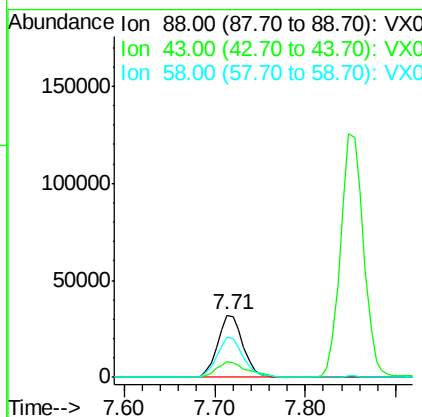
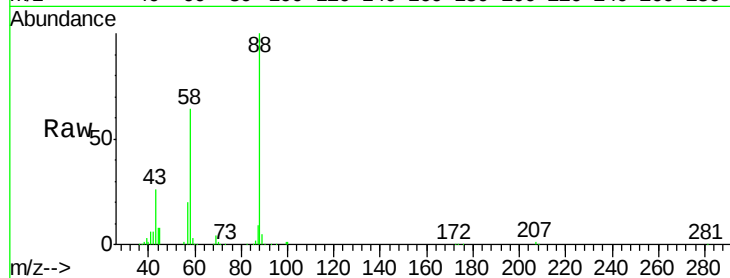
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	88	Resp:	62396
Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	66.7	56.5	84.7

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#50

Toluene-d8

Concen: 52.500 ug/l

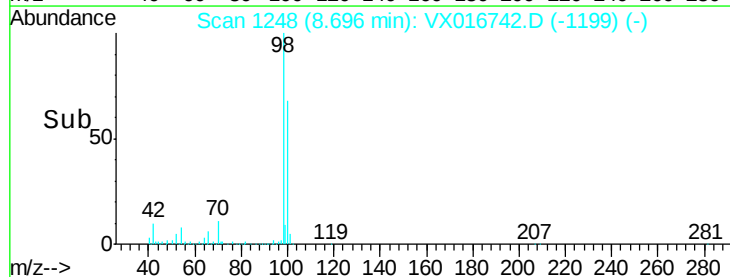
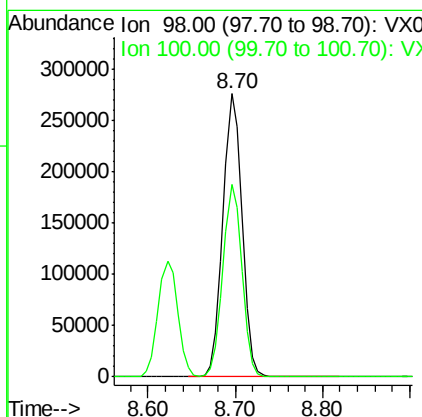
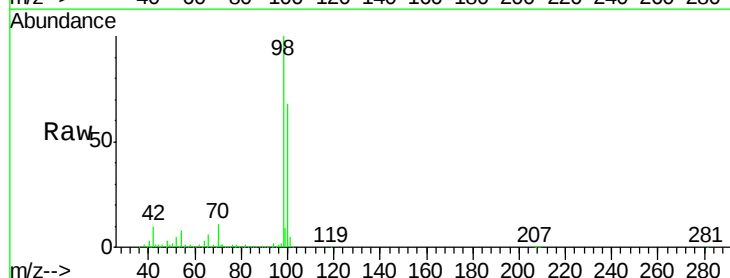
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	98	Resp:	420644
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.8	80.6





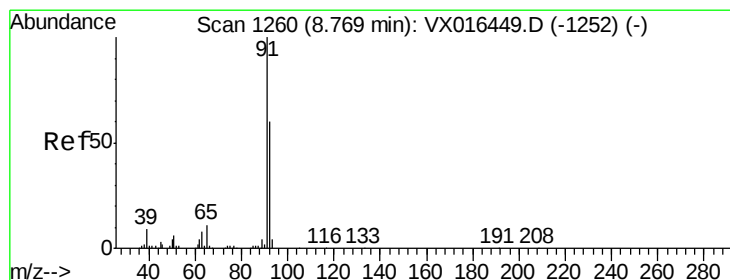
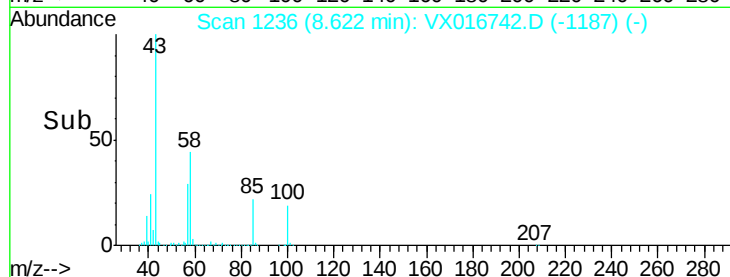
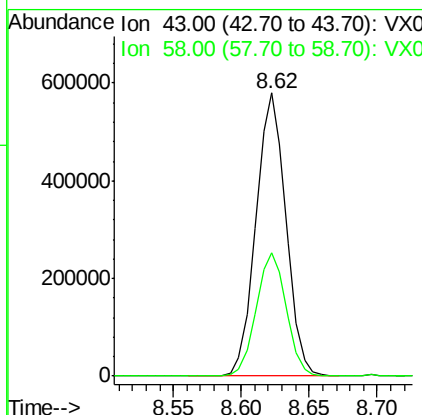
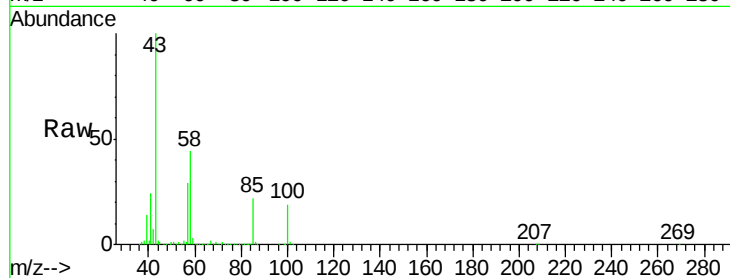
#51
4-Methyl-2-Pentanone
Concen: 243.623 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 43 Resp: 899203
Ion Ratio Lower Upper
43 100
58 43.5 33.0 49.6

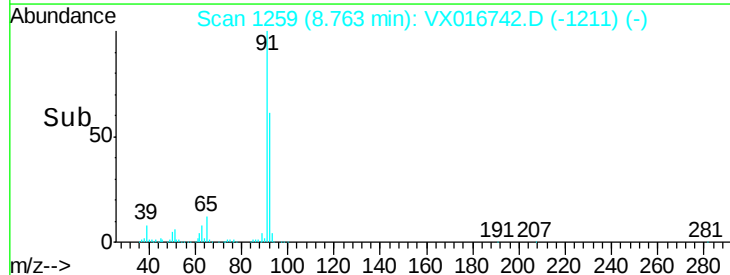
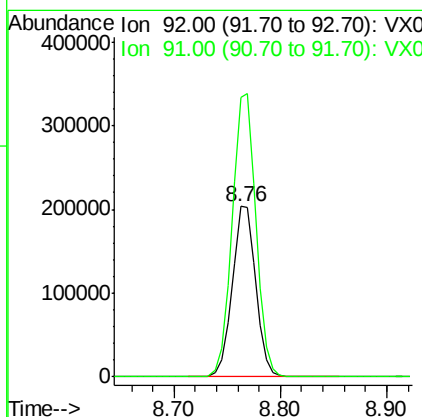
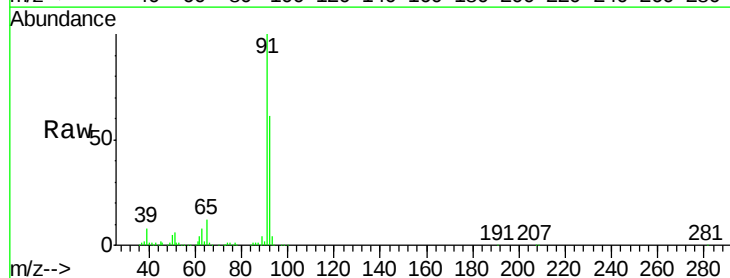
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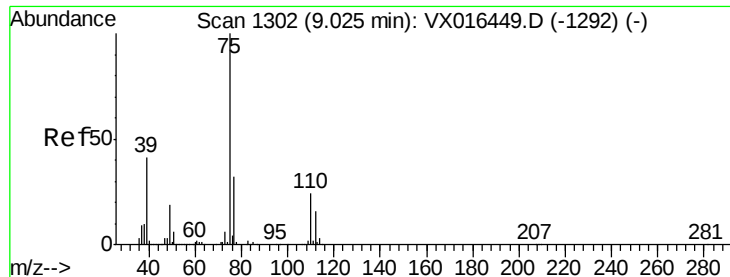
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#52
Toluene
Concen: 52.982 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 92 Resp: 314933
Ion Ratio Lower Upper
92 100
91 167.9 135.0 202.4





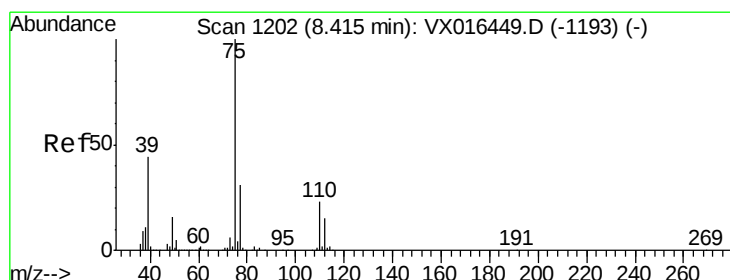
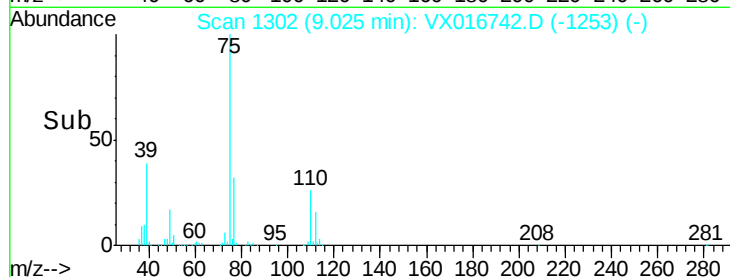
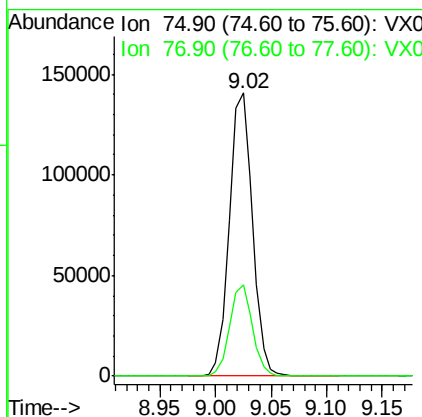
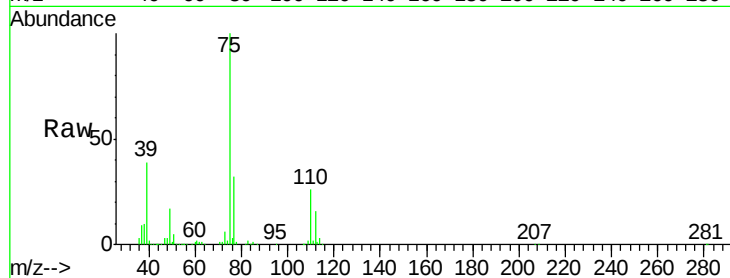
#53
t-1,3-Dichloropropene
Concen: 53.423 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 75 Resp: 202737
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

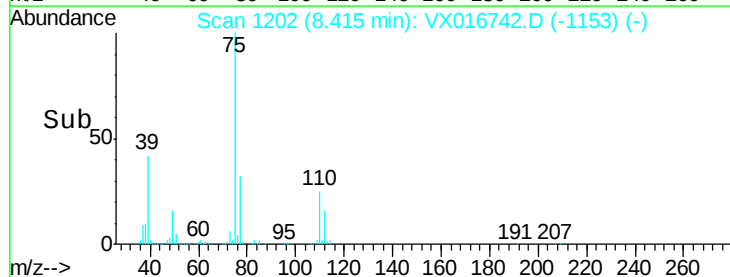
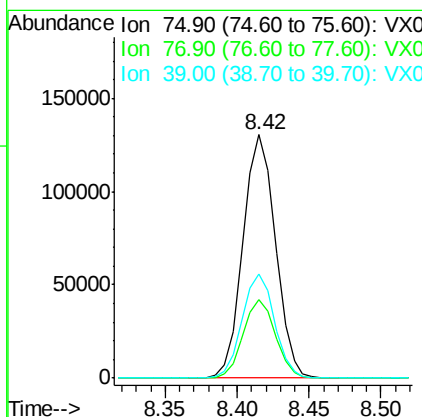
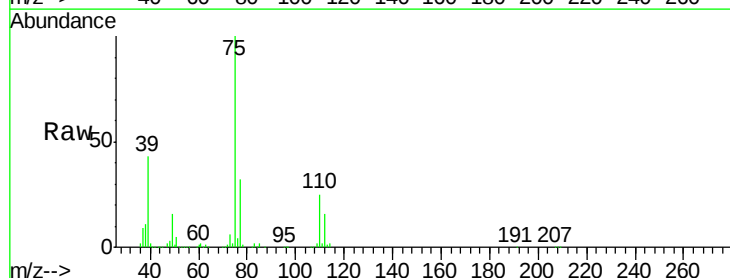
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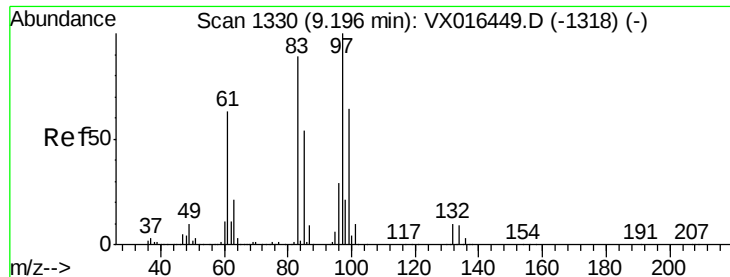
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.871 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 75 Resp: 204339
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8
39 42.5 35.3 52.9





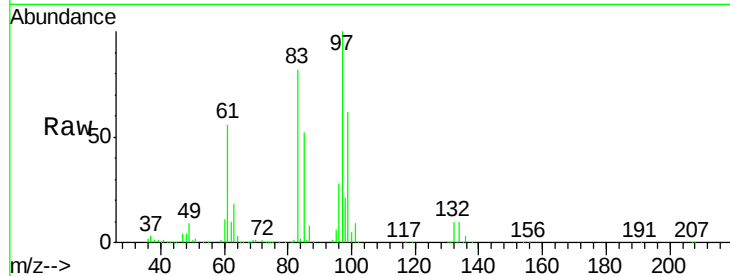
#55
 1,1,2-Trichloroethane
 Concen: 56.795 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

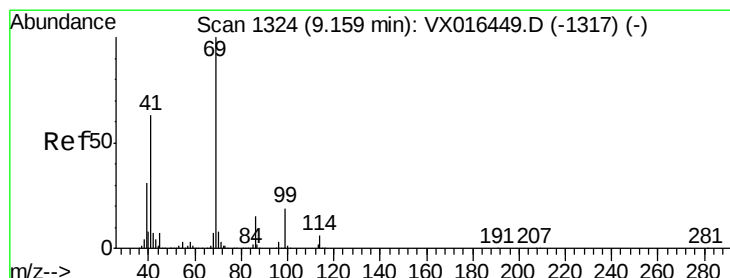
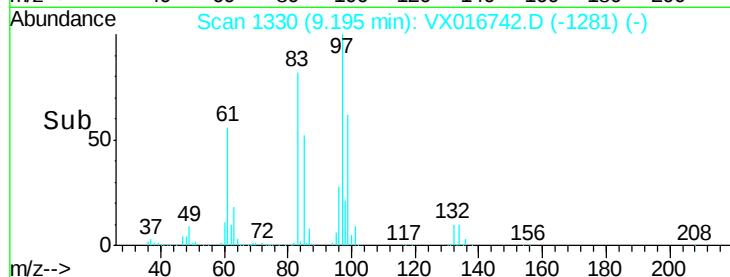
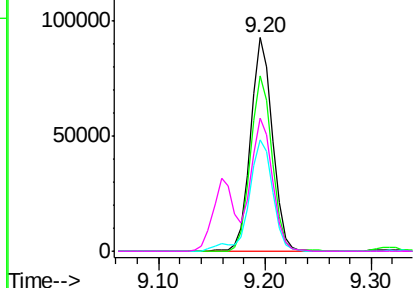
Tgt Ion:	97	Resp:	134229
Ion	Ratio	Lower	Upper
97	100		
83	82.1	70.9	106.3
85	51.9	43.4	65.2
99	62.0	51.0	76.6

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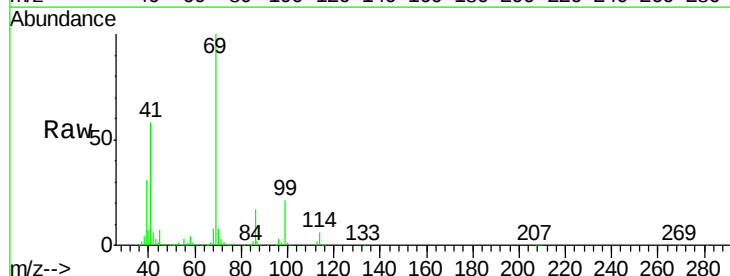


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

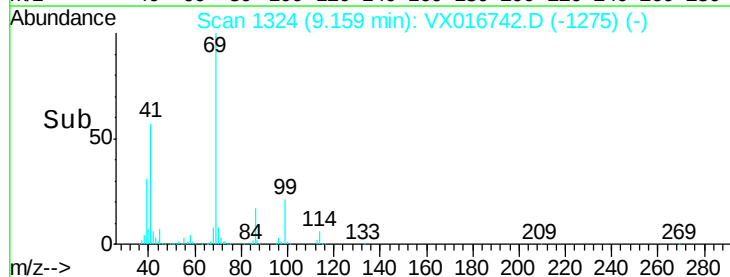
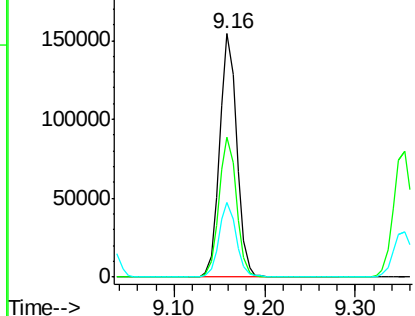


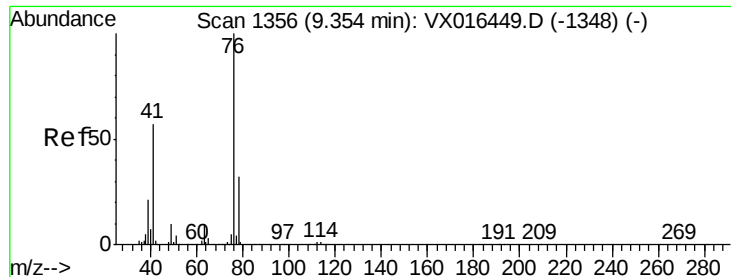
#56
 Ethyl methacrylate
 Concen: 53.110 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion:	69	Resp:	204423
Ion	Ratio	Lower	Upper
69	100		
41	58.6	50.7	76.1
39	30.9	25.8	38.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 53.571 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 76 Resp: 217319

Ion Ratio Lower Upper

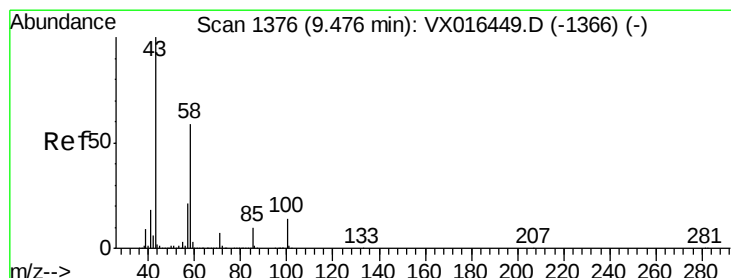
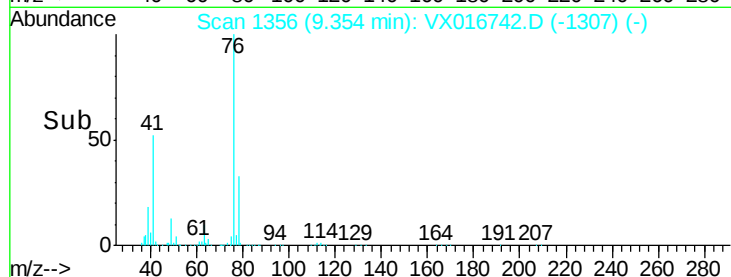
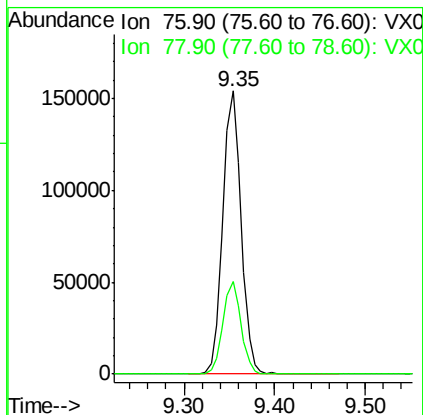
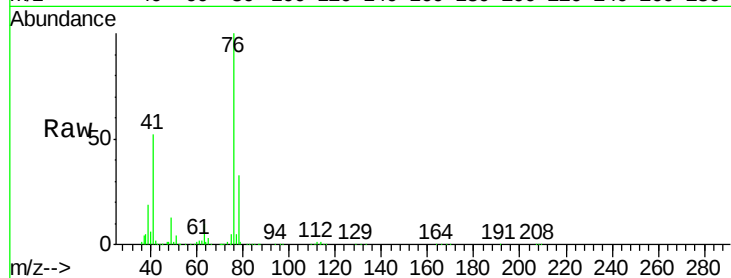
76 100

78 32.5 26.2 39.4

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#59

2-Hexanone

Concen: 245.868 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016742.D

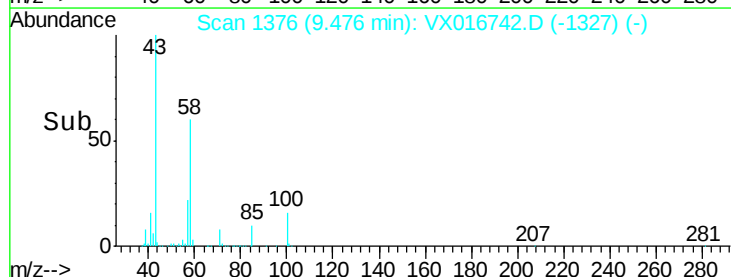
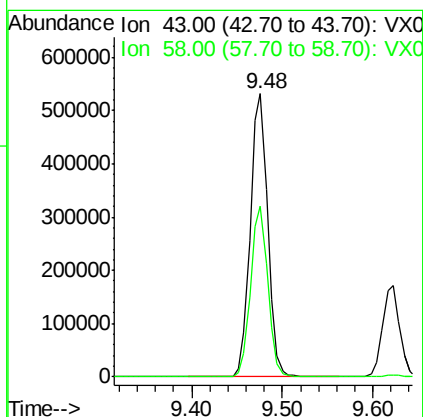
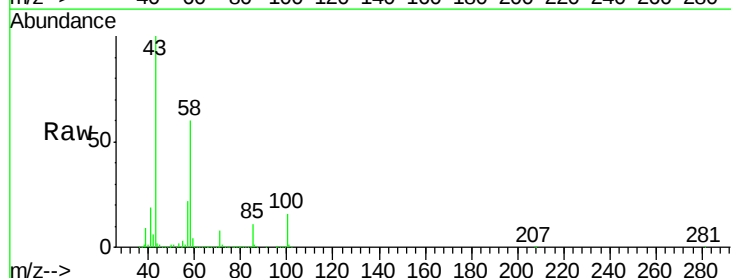
Acq: 12 Jun 2020 20:27

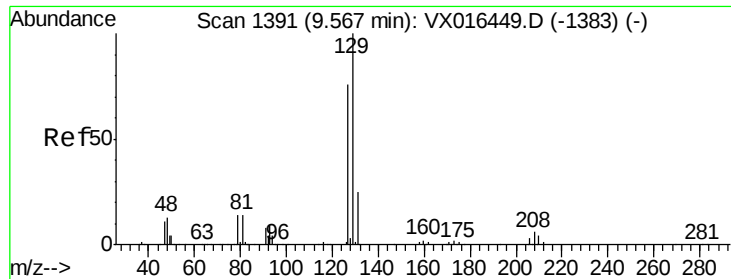
Tgt Ion: 43 Resp: 705714

Ion Ratio Lower Upper

43 100

58 59.6 28.8 86.4





#60

Dibromochloromethane

Concen: 59.468 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:129 Resp: 158165

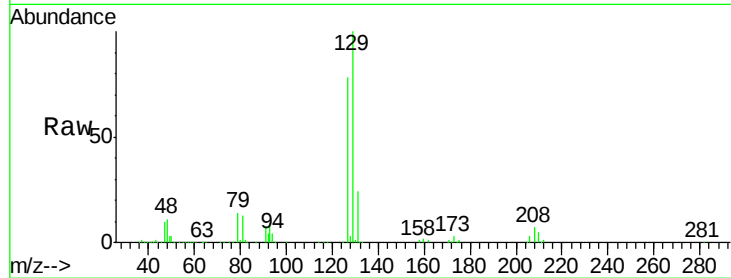
Ion Ratio Lower Upper

129 100

127 77.4 38.6 116.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

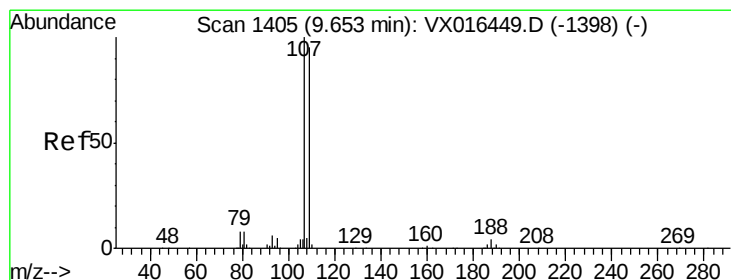
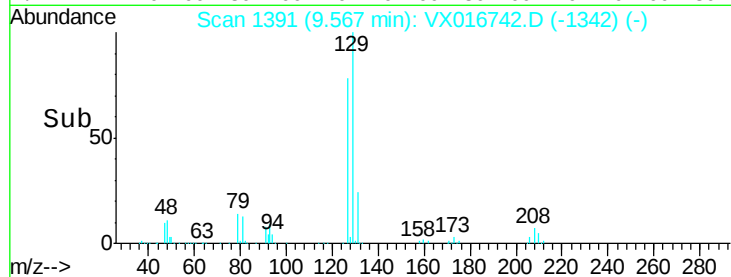
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 56.234 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016742.D

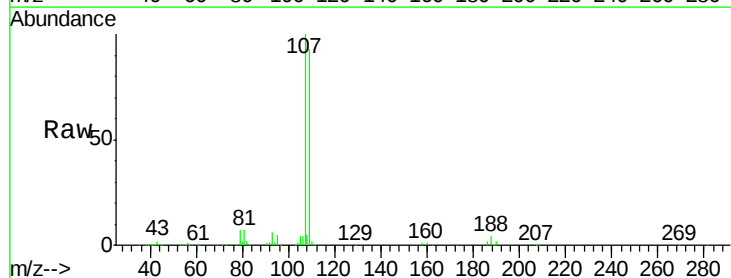
Acq: 12 Jun 2020 20:27

Tgt Ion:107 Resp: 142318

Ion Ratio Lower Upper

107 100

109 93.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

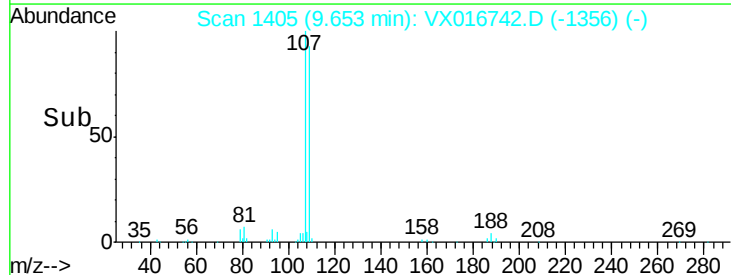
60000

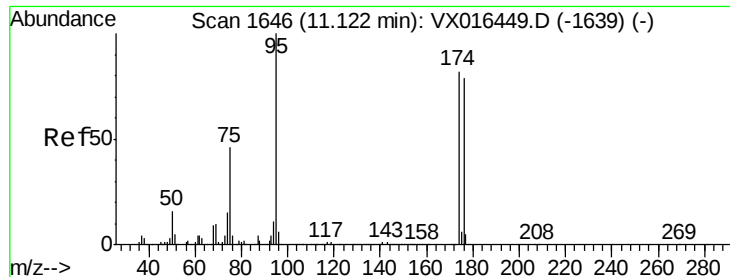
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.876 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

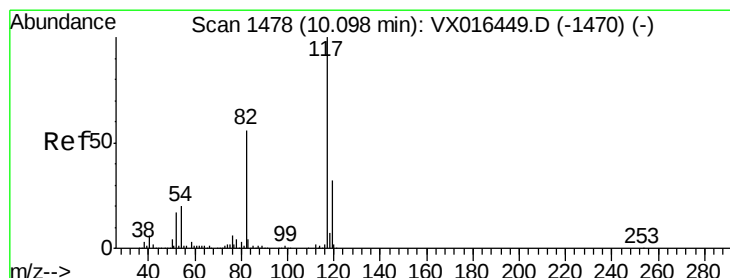
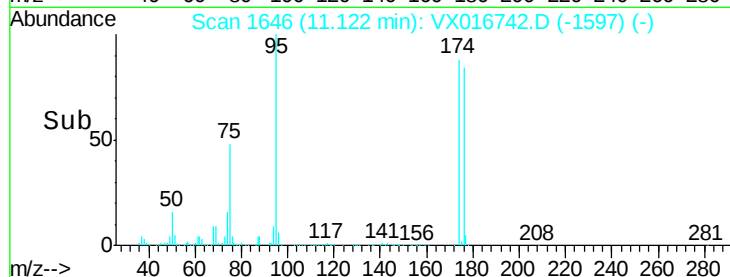
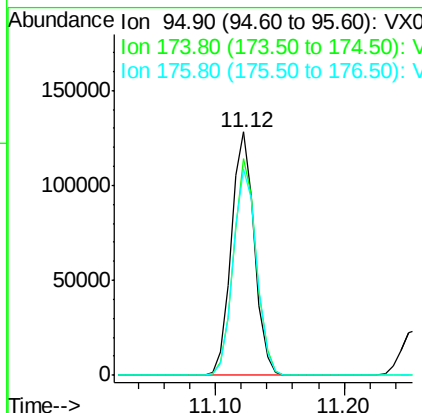
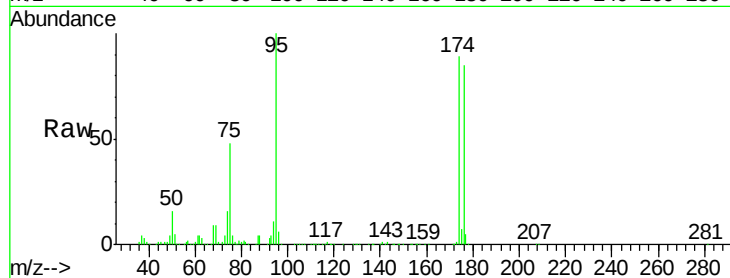
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	95	Resp:	160603
Ion Ratio	Lower	Upper	
95	100		
174	87.9	0.0	163.0
176	86.2	0.0	156.8

Manual Integrations
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MMDadoda
6/15/2020 11:10:05 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

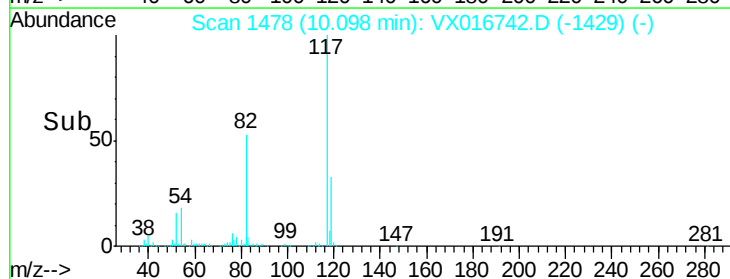
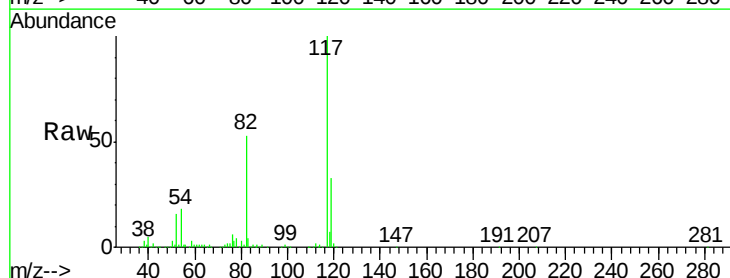
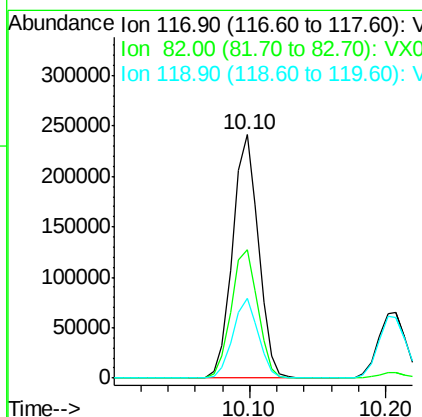
RT: 10.10 min Scan# 1478

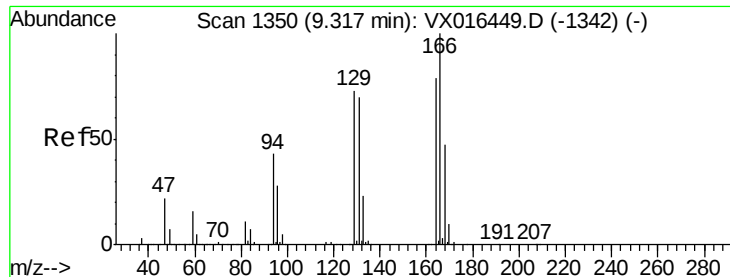
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	117	Resp:	318883
Ion Ratio	Lower	Upper	
117	100		
82	53.0	45.0	67.6
119	32.6	25.8	38.8





#64

Tetrachloroethene

Concen: 41.960 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016742.D

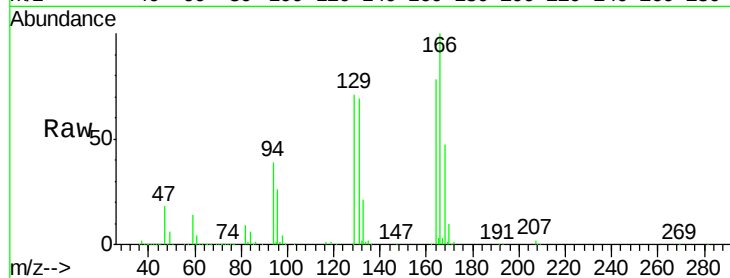
Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD



Tgt Ion:164 Resp: 149696

Ion Ratio Lower Upper

164 100

166 127.5 100.9 151.3

129 90.7 73.2 109.8

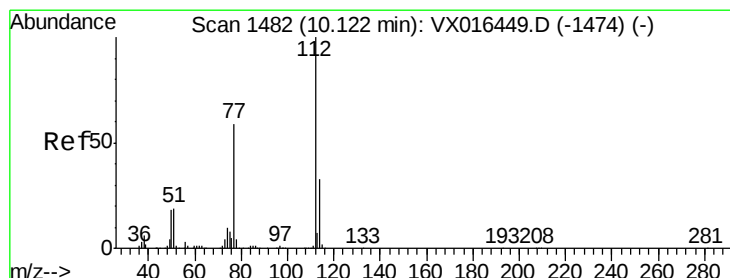
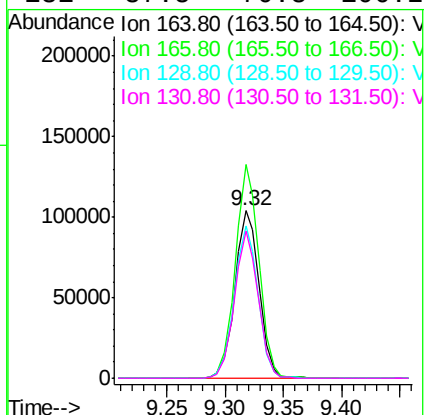
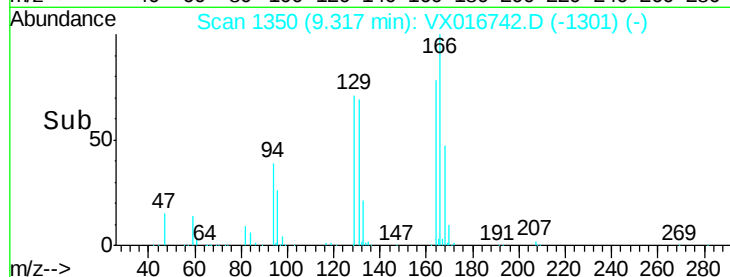
131 87.5 70.8 106.2

Manual Integrations

APPROVED

MMDadoda

6/15/2020 11:10:05 AM



#65

Chlorobenzene

Concen: 54.381 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016742.D

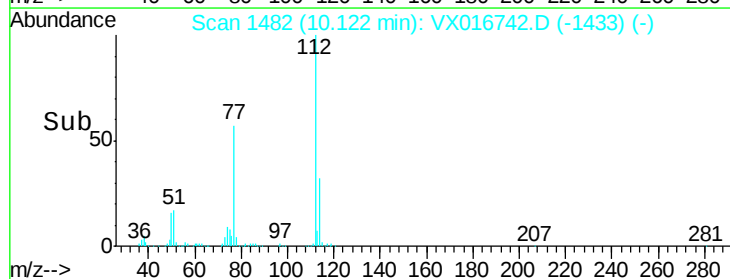
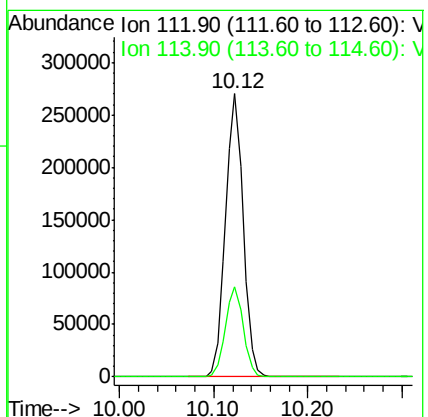
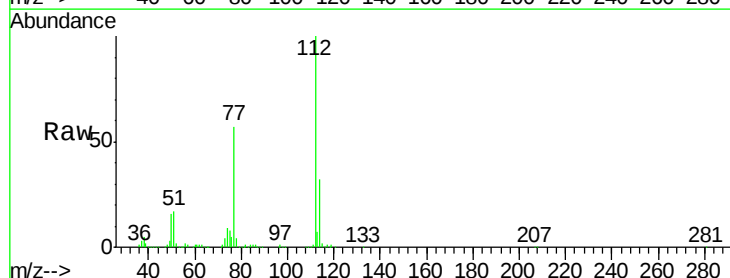
Acq: 12 Jun 2020 20:27

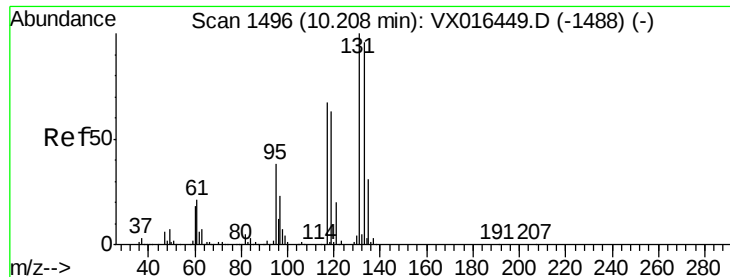
Tgt Ion:112 Resp: 353542

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 57.126 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

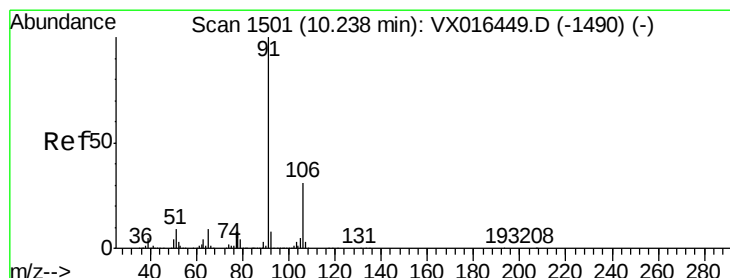
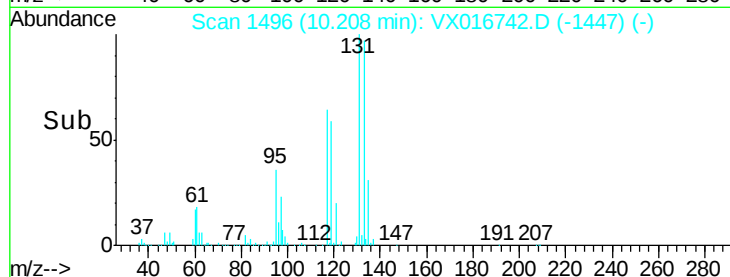
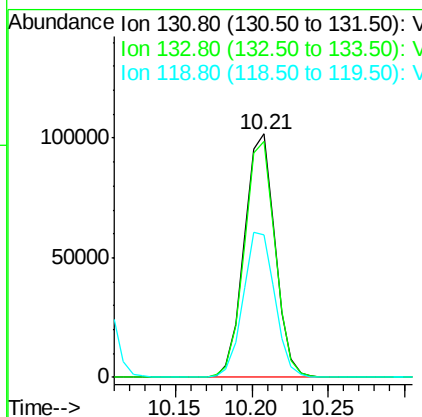
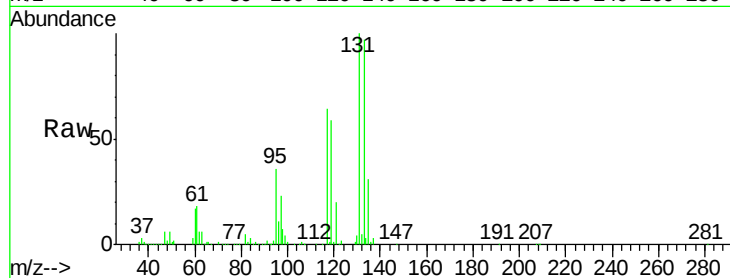
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	131	Resp:	141768
Ion Ratio	Lower	Upper	
131	100		
133	97.3	48.4	145.3
119	61.5	32.0	96.2

Manual Integrations
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MMDadoda
6/15/2020 11:10:05 AM



#67

Ethyl Benzene

Concen: 51.271 ug/l

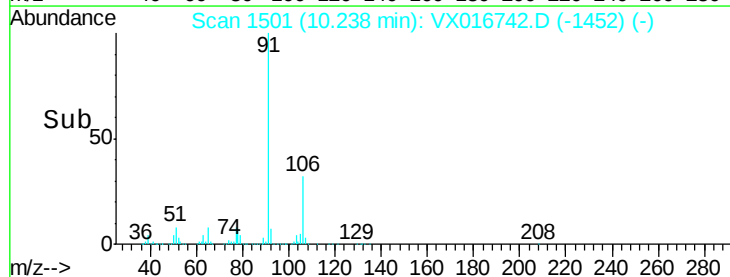
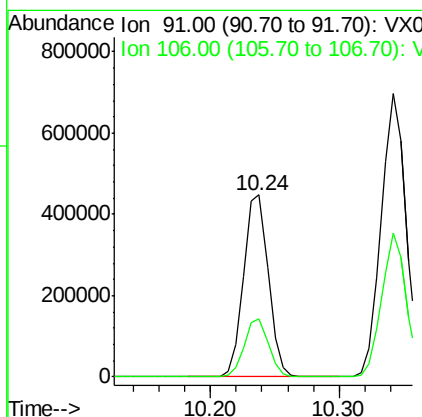
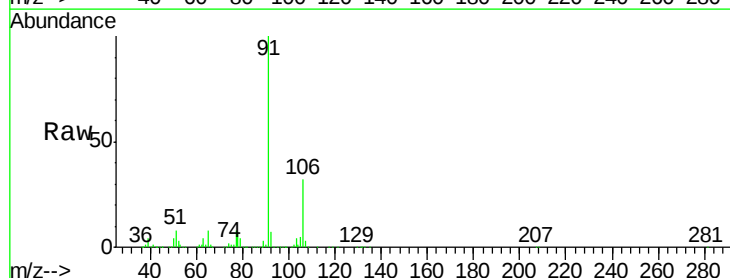
RT: 10.24 min Scan# 1501

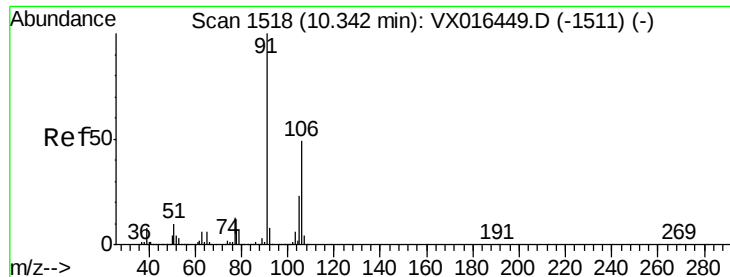
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	91	Resp:	593455
Ion Ratio	Lower	Upper	
91	100		
106	32.2	25.0	37.4





#68

m/p-Xylenes

Concen: 107.972 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:106 Resp: 463374

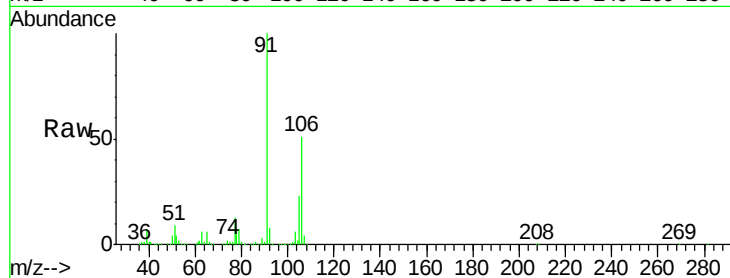
Ion Ratio Lower Upper

106 100

91 199.8 163.8 245.8

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:10:05 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

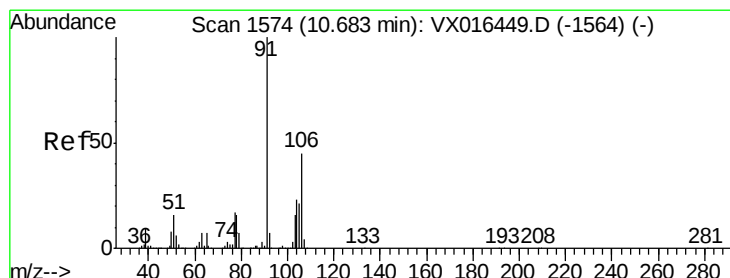
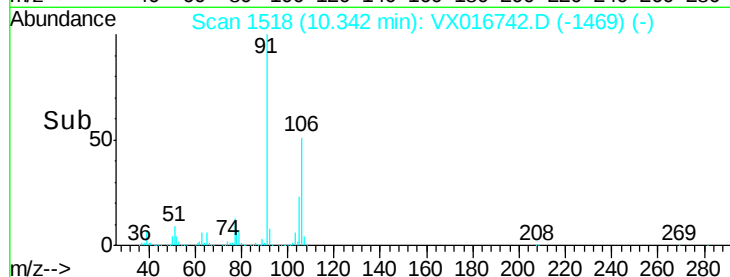
400000

200000

0

10.30 10.40

Time-->



#69

o-Xylene

Concen: 53.527 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016742.D

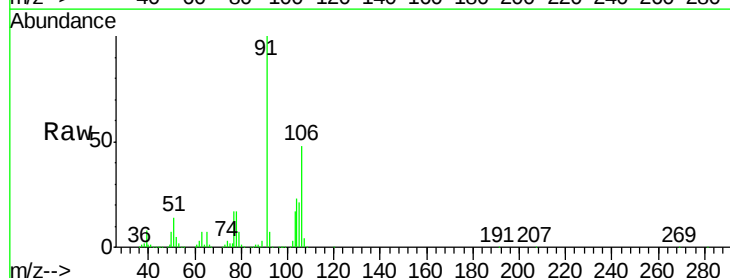
Acq: 12 Jun 2020 20:27

Tgt Ion:106 Resp: 222470

Ion Ratio Lower Upper

106 100

91 210.8 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

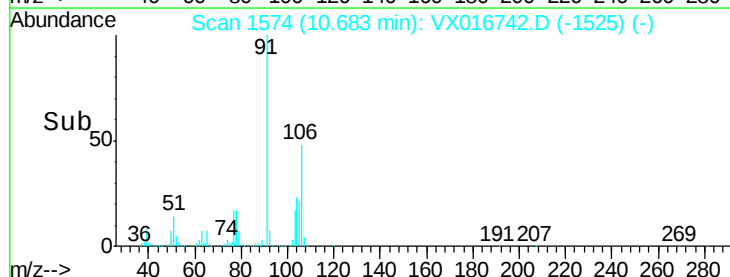
200000

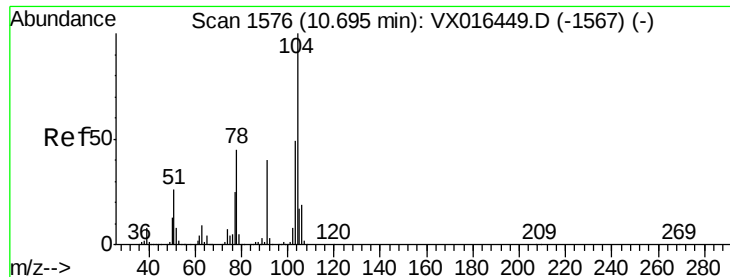
100000

0

10.60 10.70 10.80

Time-->





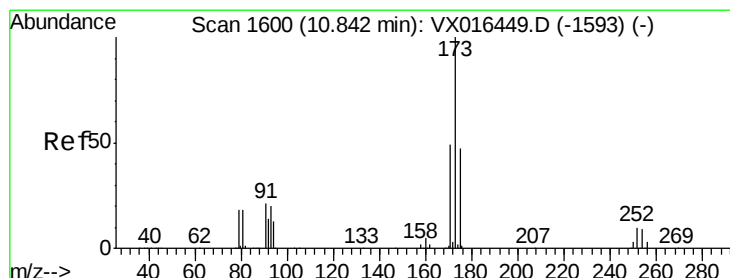
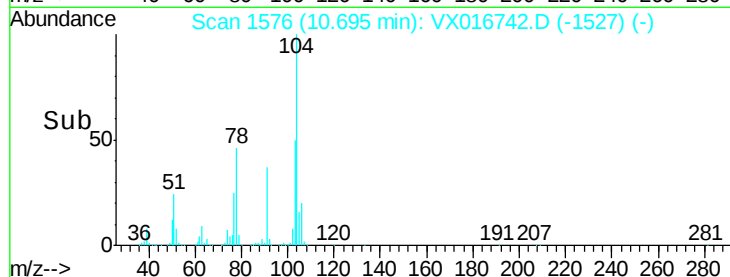
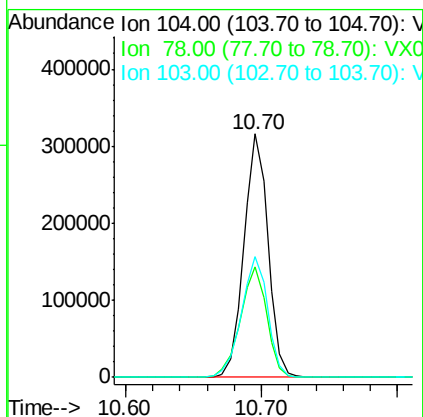
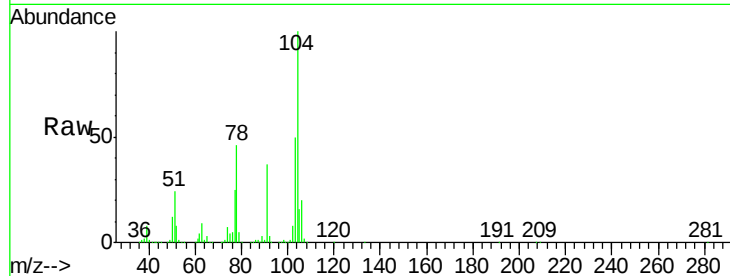
#70
Styrene
Concen: 54.849 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	391839		
78	49.7	40.2	60.2	
103	54.2	43.1	64.7	

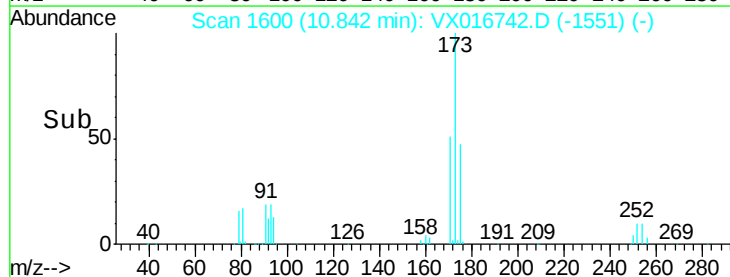
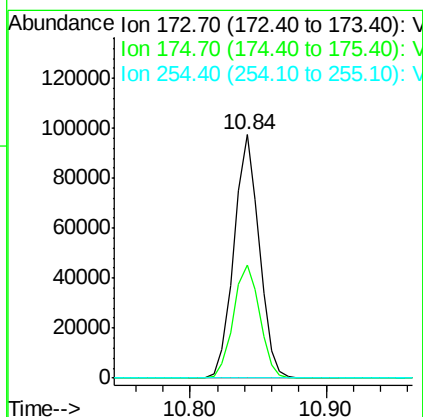
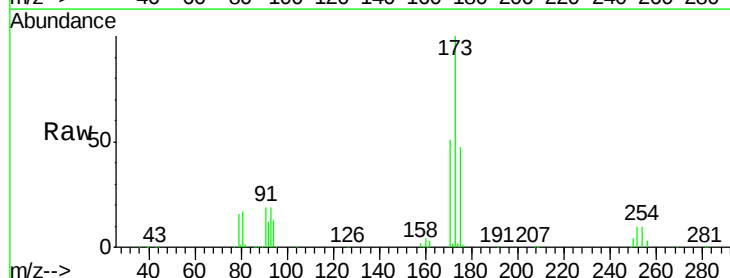
Manual Integrations
APPROVED

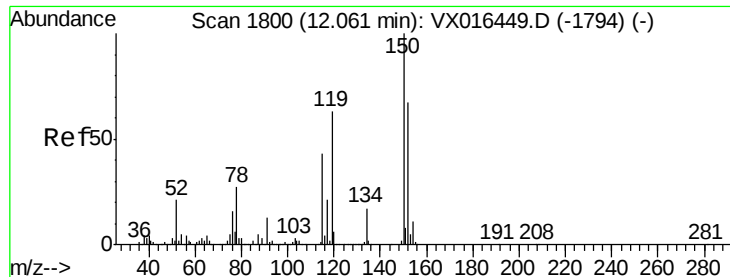
MMDadoda
6/15/2020 11:10:05 AM



#71
Bromoform
Concen: 59.842 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	125509		
175	48.5	23.9	71.7	
254	0.0	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: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

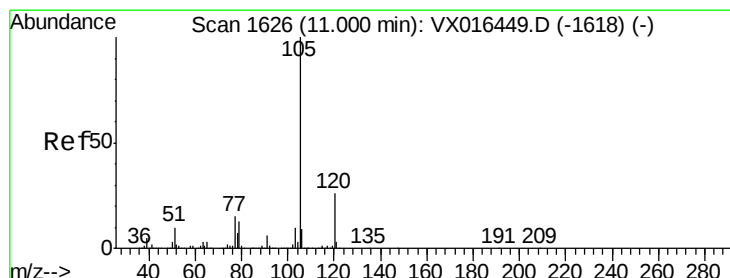
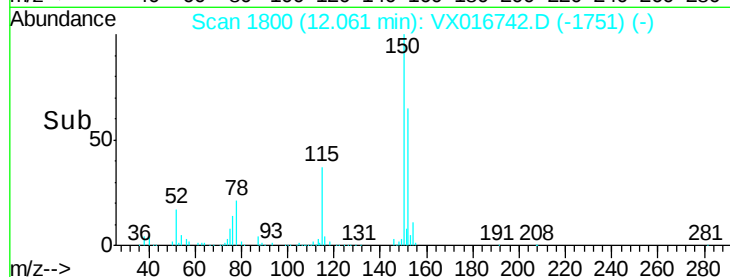
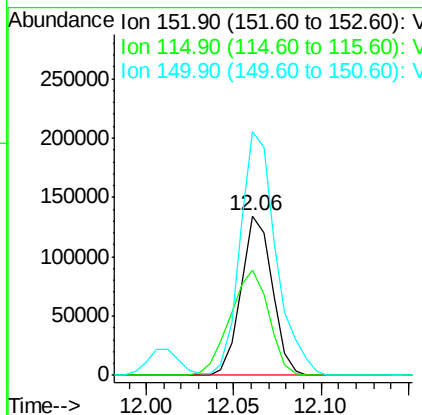
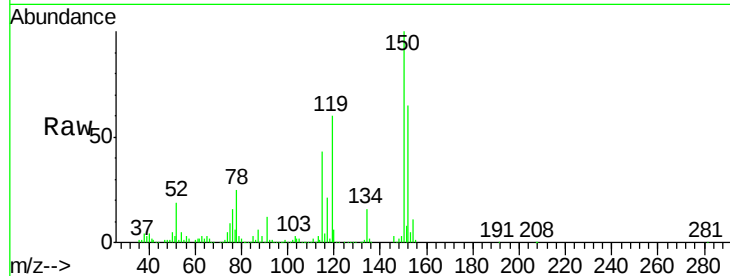
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	152	Resp:	166595
Ion Ratio	Lower	Upper	
152	100		
115	81.8	39.9	119.6
150	175.3	0.0	341.0

Manual Integrations
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MMDadoda
6/15/2020 11:10:05 AM



#73

Isopropylbenzene

Concen: 51.282 ug/l

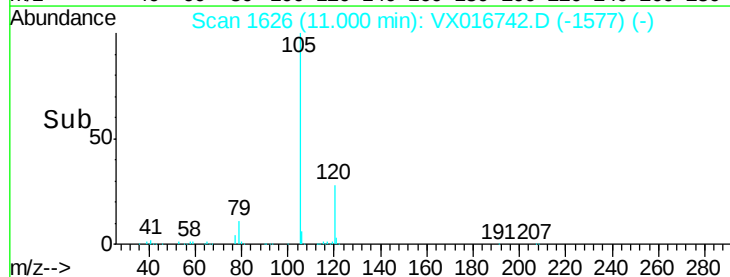
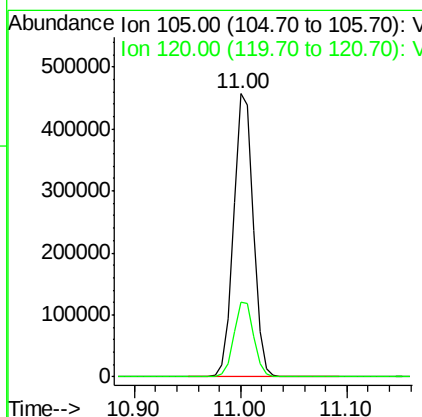
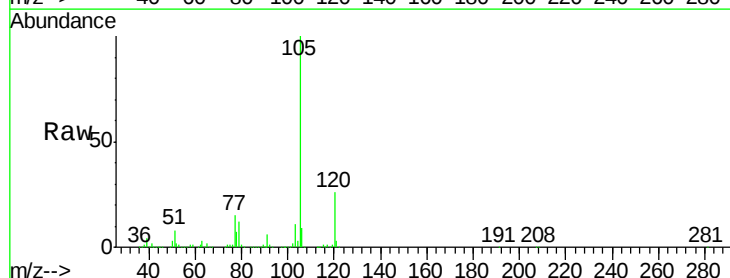
RT: 11.00 min Scan# 1626

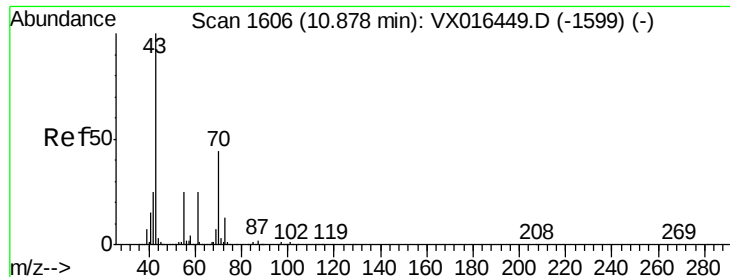
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	105	Resp:	591946
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.1	39.3





#74

N-ethyl acetate

Concen: 40.738 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

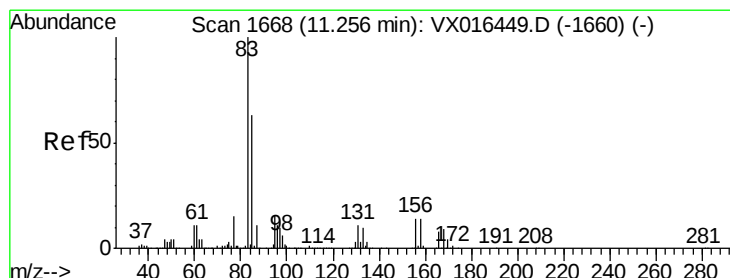
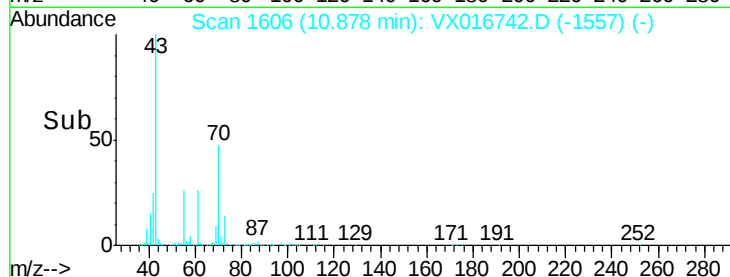
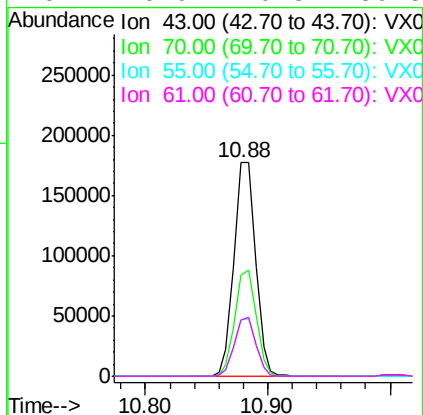
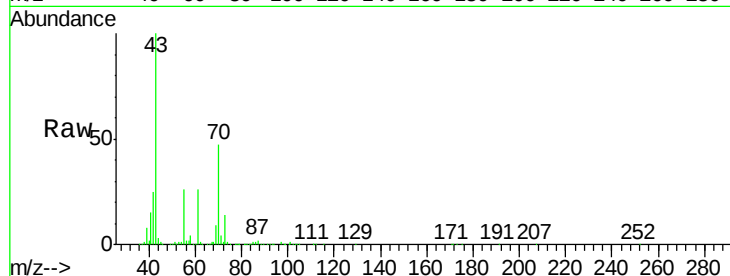
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.2	36.1	54.1
55	27.0	20.2	30.4
61	26.9	20.3	30.5

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:10:05 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 64.048 ug/l

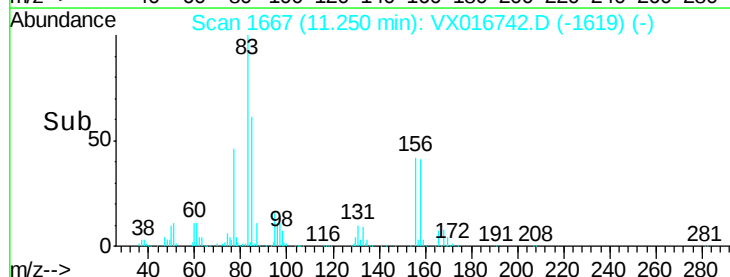
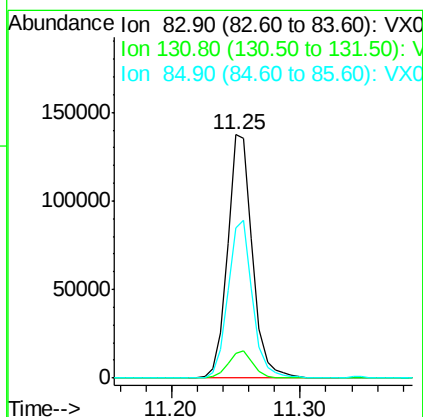
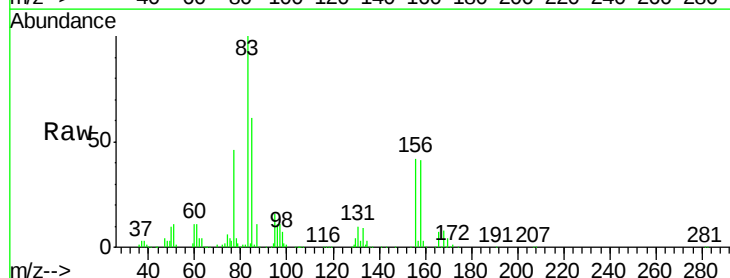
RT: 11.25 min Scan# 1667

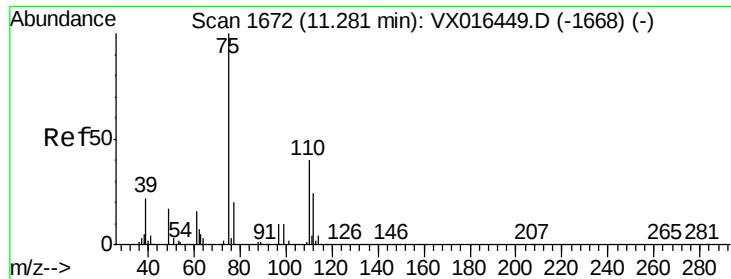
Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.1	15.3
85	64.1	32.0	96.2





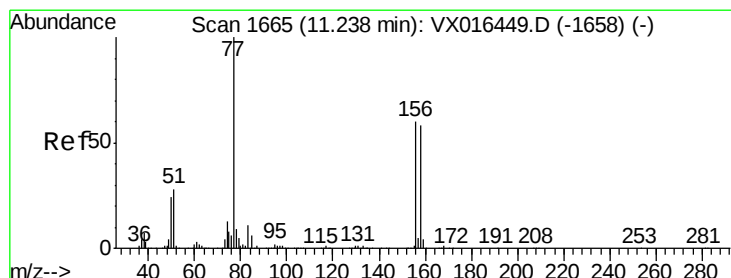
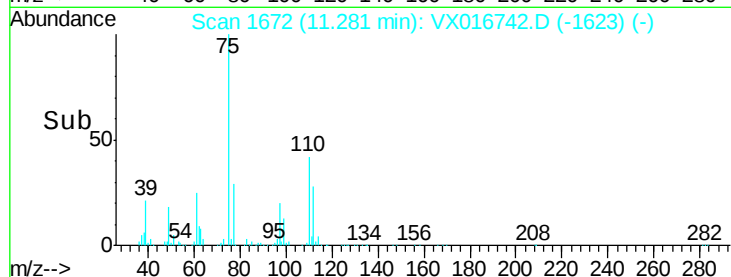
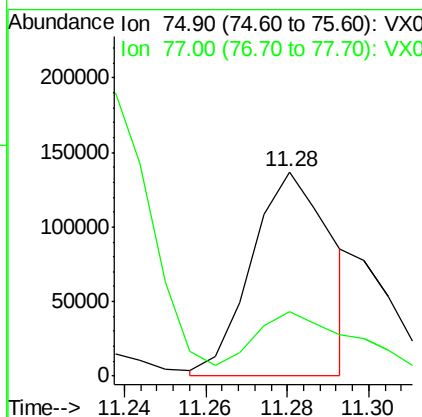
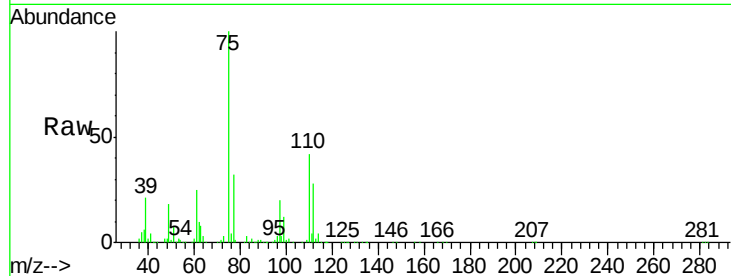
#76
1,2,3-Trichloropropane
Concen: 50.524 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 75 Resp: 185012
Ion Ratio Lower Upper
75 100
77 41.3 21.3 63.7

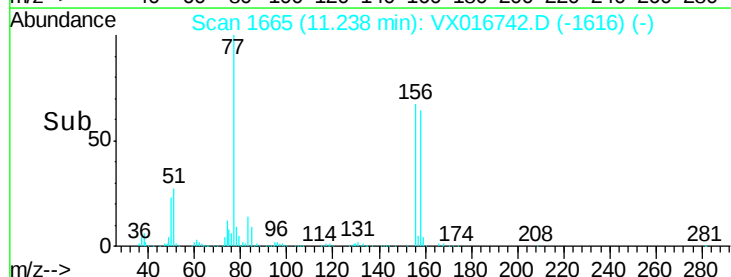
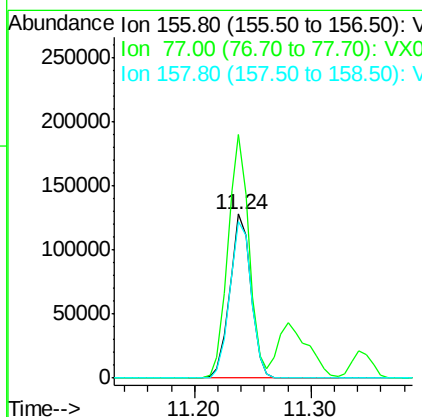
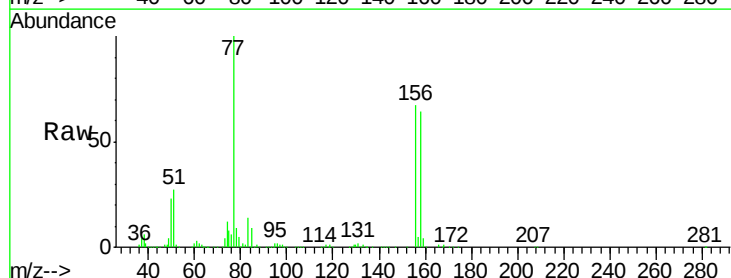
Manual Integrations
APPROVED

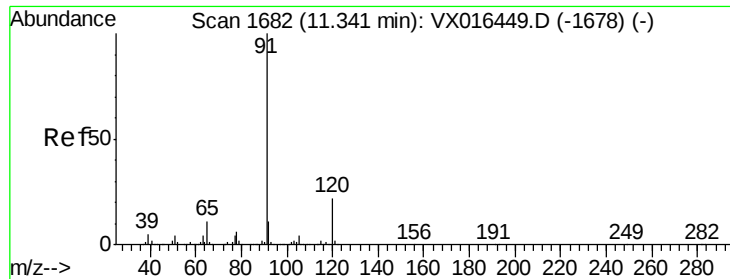
MMDadoda
6/15/2020 11:10:05 AM



#77
Bromobenzene
Concen: 53.263 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 156 Resp: 161255
Ion Ratio Lower Upper
156 100
77 147.9 79.6 238.8
158 97.4 48.1 144.4





#78

n-propylbenzene

Concen: 50.738 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion: 91 Resp: 654326

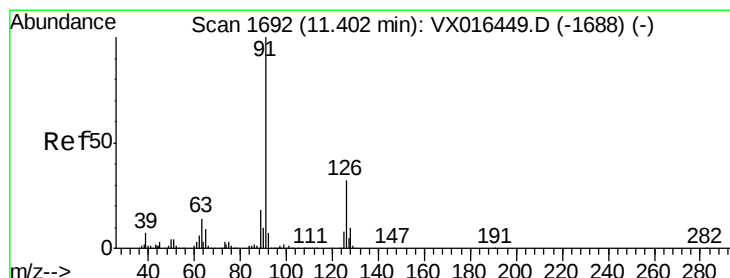
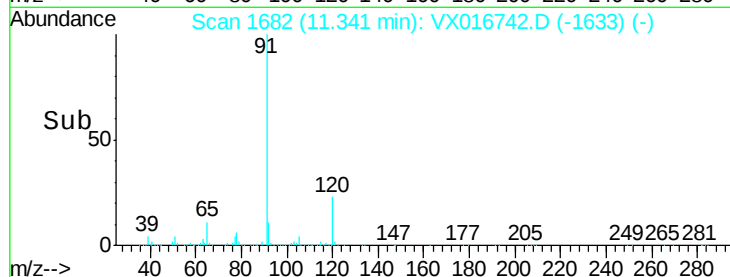
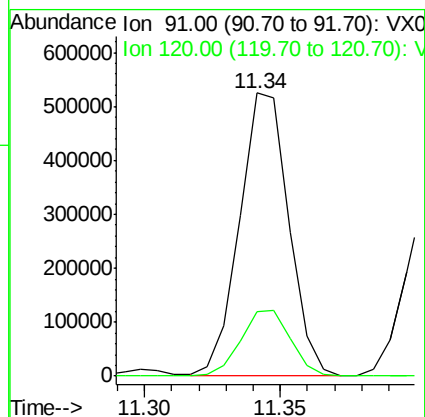
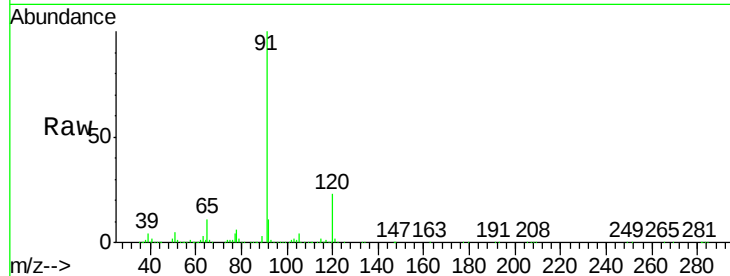
Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.7

Manual Integrations
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MMDadoda
6/15/2020 11:10:05 AM



#79

2-Chlorotoluene

Concen: 51.336 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016742.D

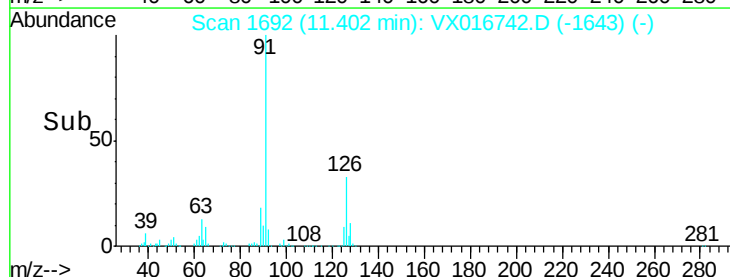
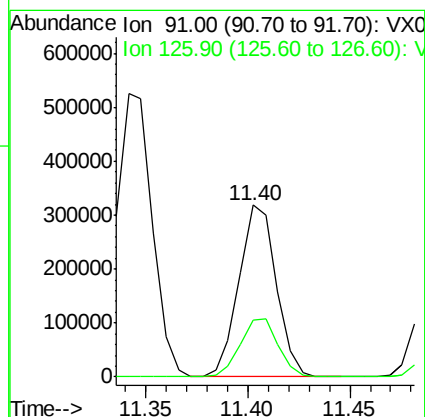
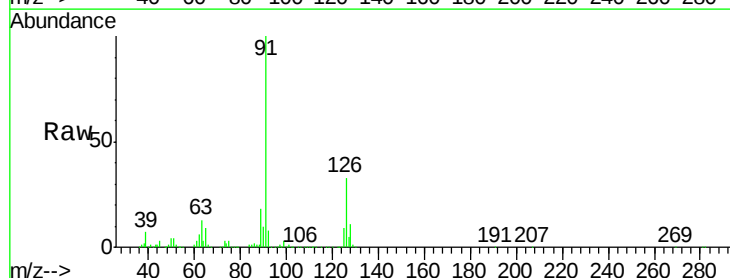
Acq: 12 Jun 2020 20:27

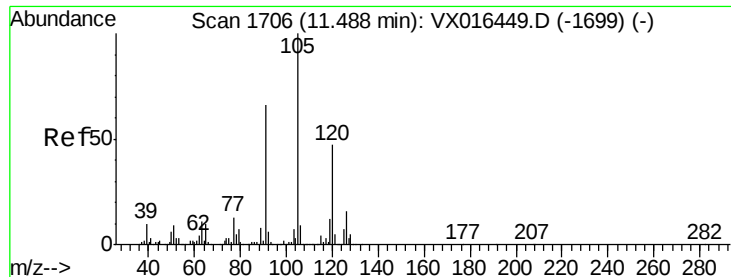
Tgt Ion: 91 Resp: 404107

Ion Ratio Lower Upper

91 100

126 34.4 16.8 50.3





#80

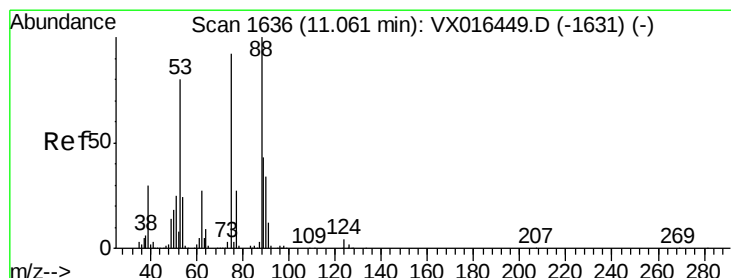
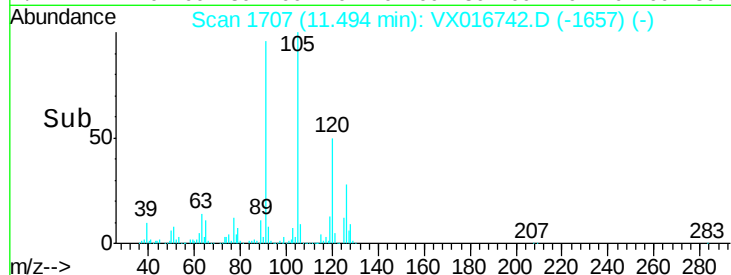
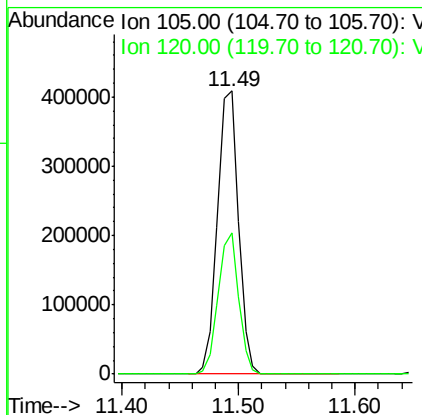
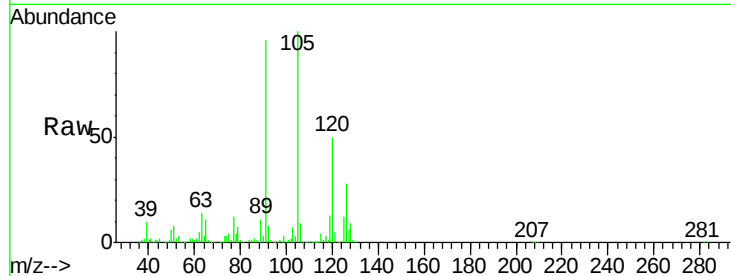
1,3,5-Trimethylbenzene
Concen: 52.645 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 105 Resp: 507408
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

Manual Integrations
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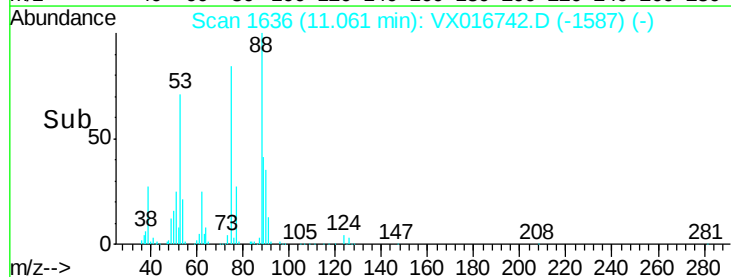
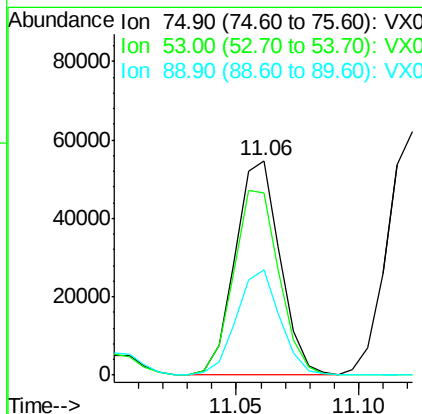
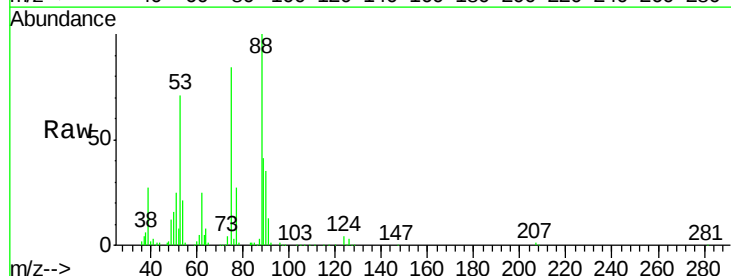
MMDadoda
6/15/2020 11:10:05 AM

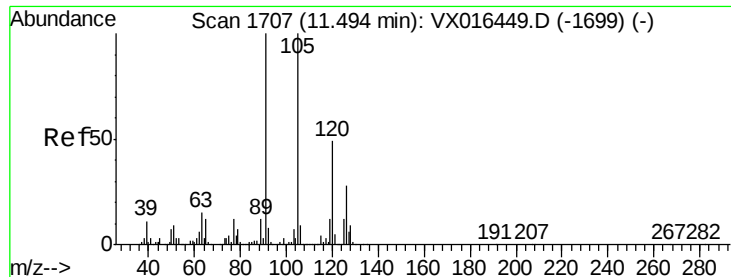


#81

trans-1,4-Dichloro-2-butene
Concen: 46.631 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 75 Resp: 69417
Ion Ratio Lower Upper
75 100
53 87.9 71.3 106.9
89 47.8 36.6 55.0





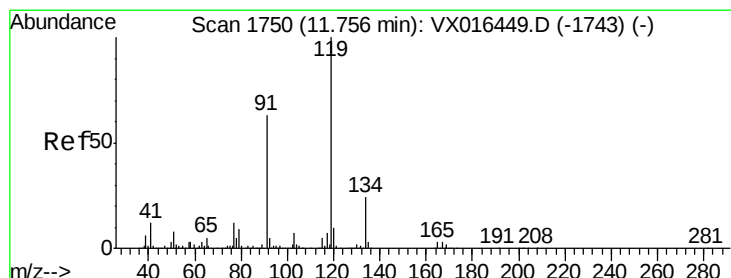
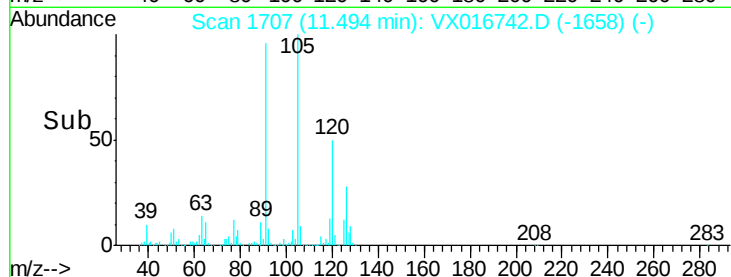
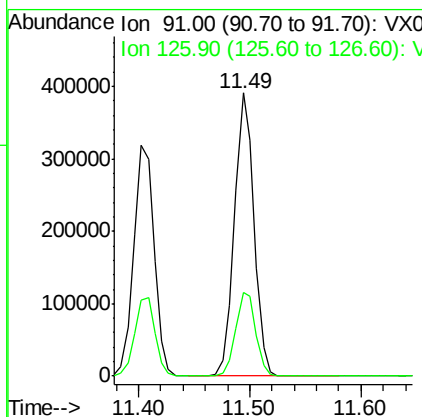
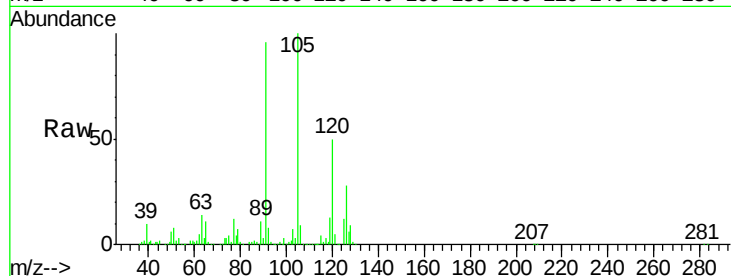
#82
4-Chlorotoluene
Concen: 51.075 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion: 91 Resp: 474773
Ion Ratio Lower Upper
91 100
126 30.5 14.7 44.1

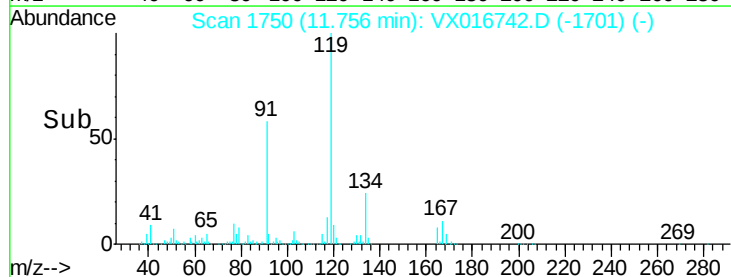
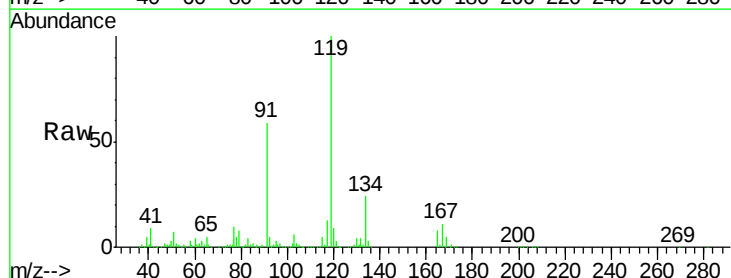
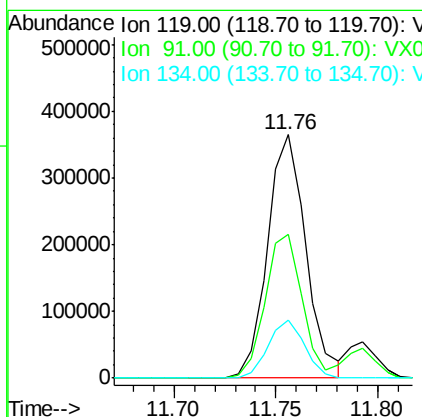
Manual Integrations
APPROVED

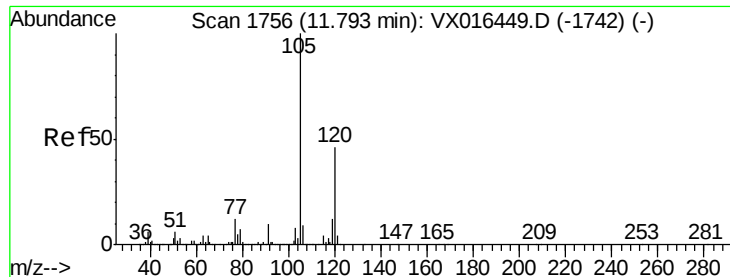
MMDadoda
6/15/2020 11:10:05 AM



#83
tert-Butylbenzene
Concen: 58.040 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion: 119 Resp: 477989
Ion Ratio Lower Upper
119 100
91 56.7 31.3 93.8
134 22.7 12.0 36.0





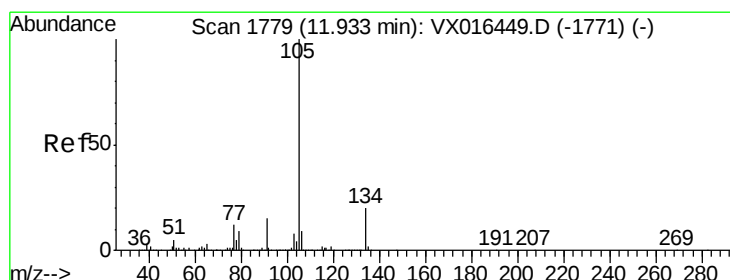
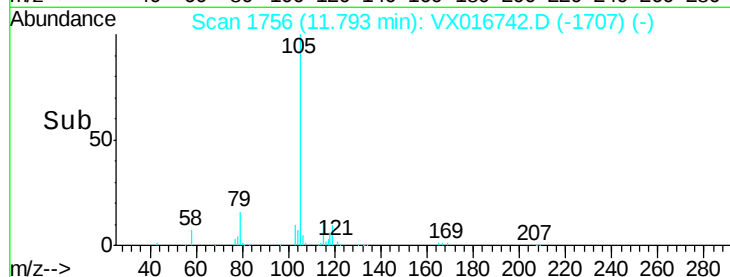
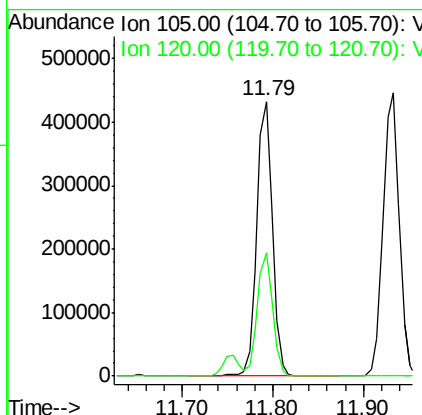
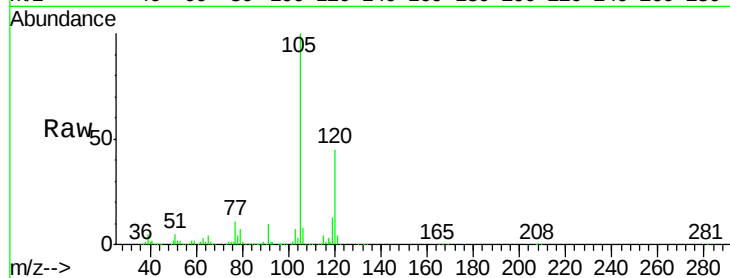
#84
1,2,4-Trimethylbenzene
Concen: 52.985 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion:105 Resp: 516460
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.7

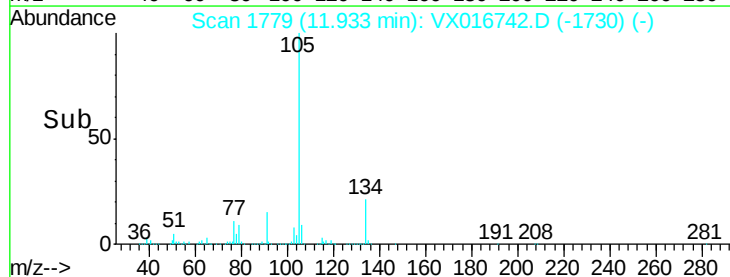
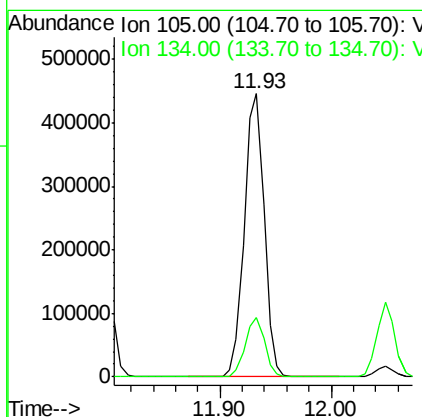
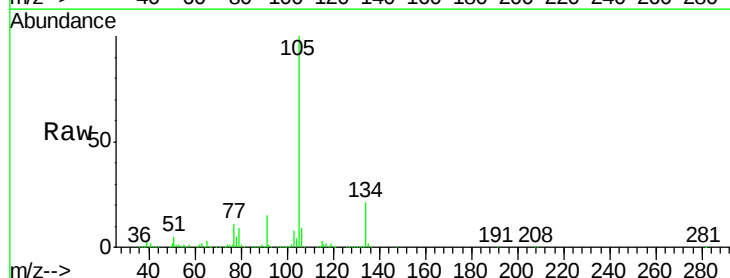
Manual Integrations
APPROVED

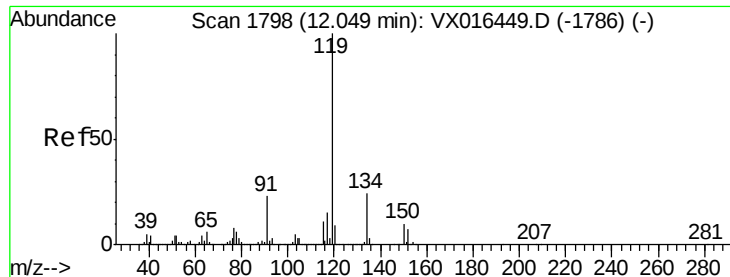
MMDadoda
6/15/2020 11:10:05 AM



#85
sec-Butylbenzene
Concen: 53.186 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion:105 Resp: 549471
Ion Ratio Lower Upper
105 100
134 20.5 10.1 30.3





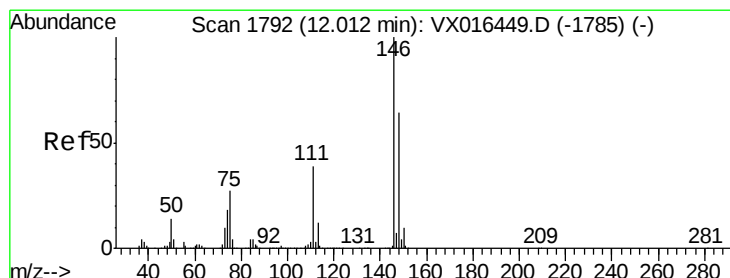
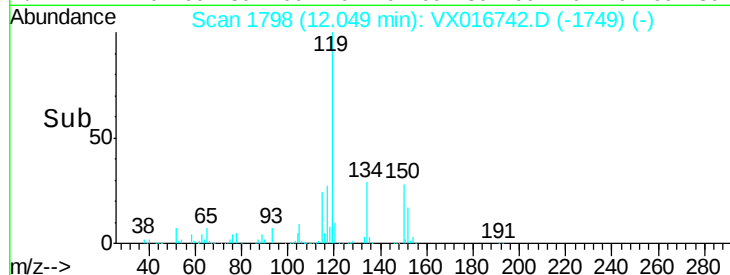
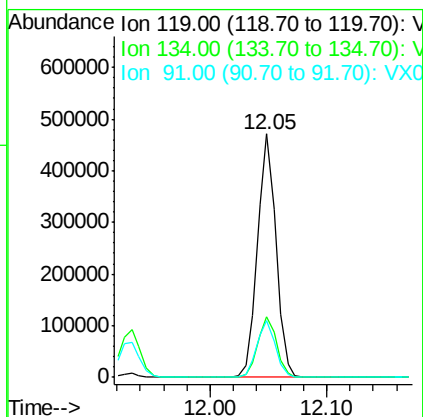
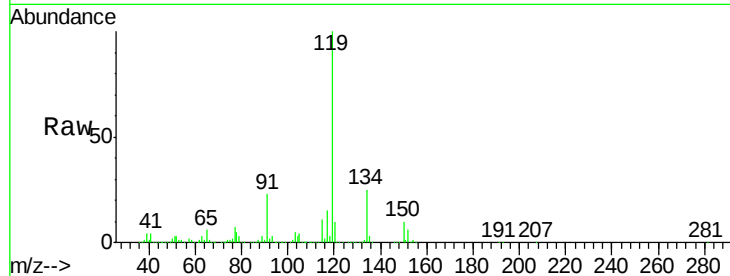
#86
p-Isopropyltoluene
Concen: 54.195 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	524471		
134	25.3	12.7	38.0	
91	23.3	11.7	35.0	

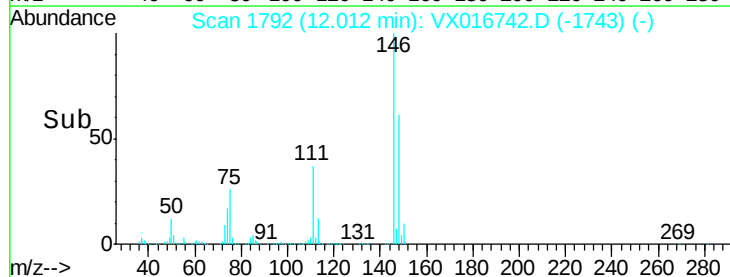
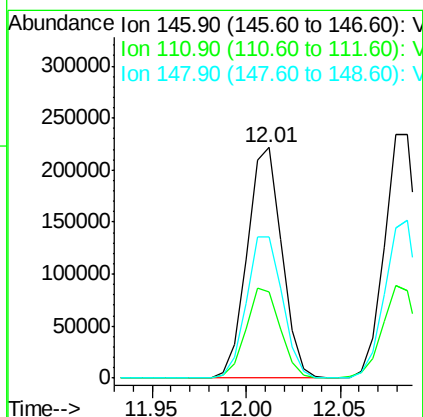
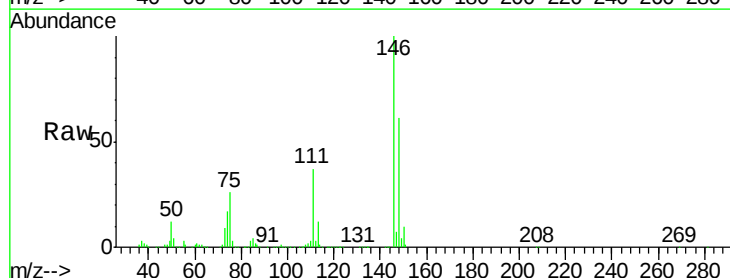
Manual Integrations
APPROVED

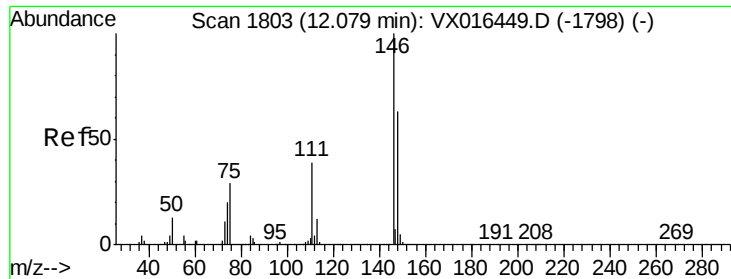
MMDadoda
6/15/2020 11:10:05 AM



#87
1,3-Dichlorobenzene
Concen: 53.969 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016742.D
Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	283076		
111	39.0	20.0	60.0	
148	63.3	31.9	95.5	





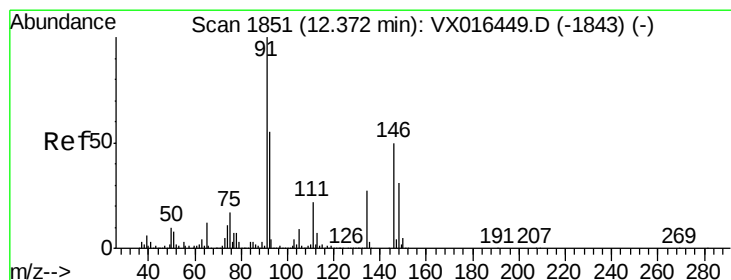
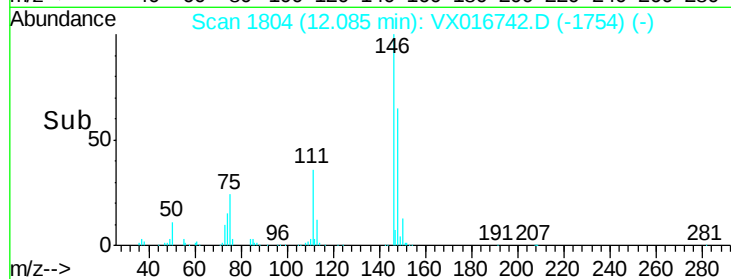
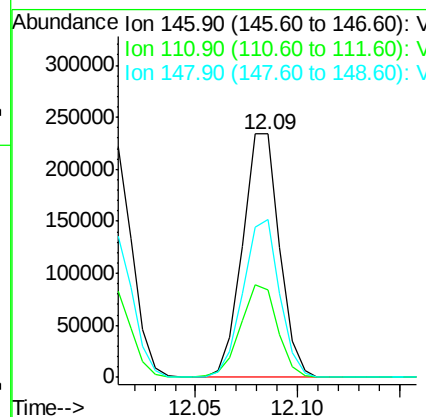
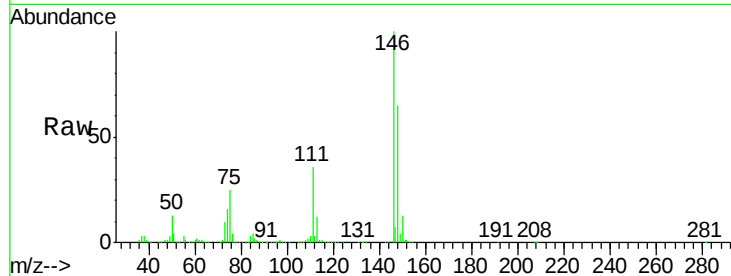
#88
 1,4-Dichlorobenzene
 Concen: 54.873 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294360		
111	37.9	19.4	58.2	
148	63.9	31.4	94.3	

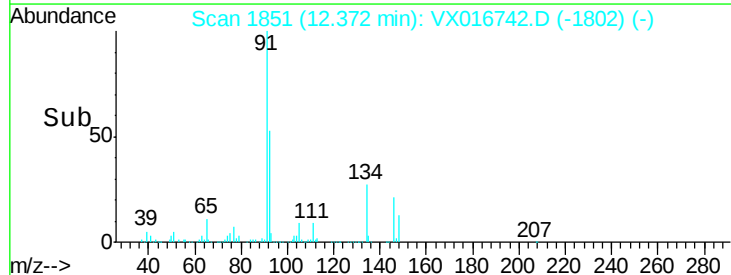
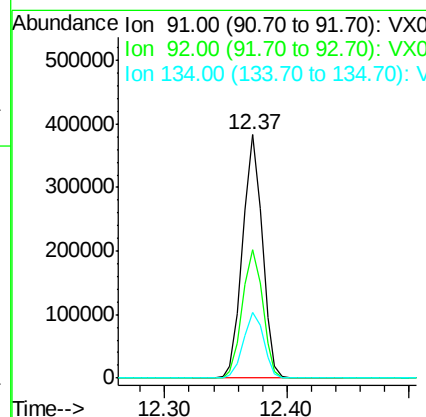
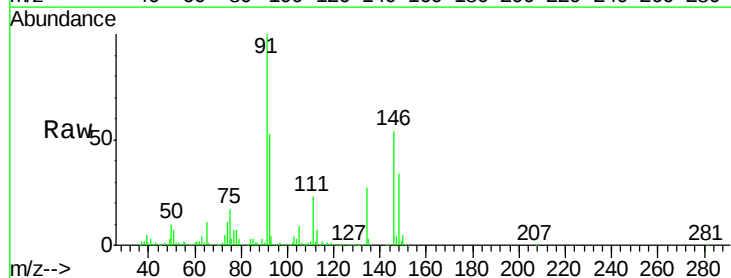
Manual Integrations
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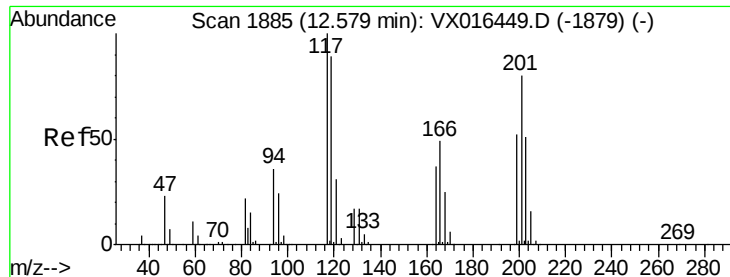
MMDadoda
 6/15/2020 11:10:05 AM



#89
 n-Butylbenzene
 Concen: 52.518 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	423337		
92	54.7	27.2	81.5	
134	27.7	13.1	39.3	





#90

Hexachloroethane

Concen: 56.748 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:117 Resp: 94859

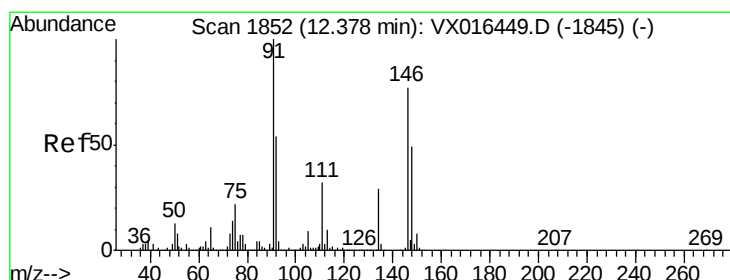
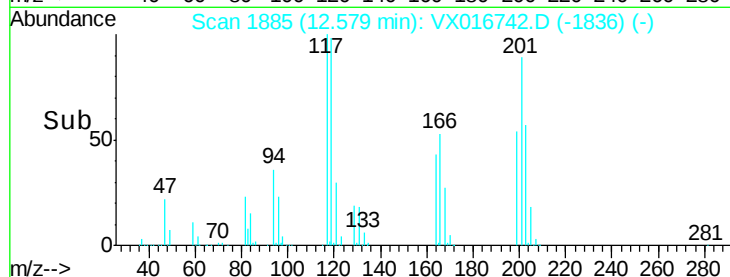
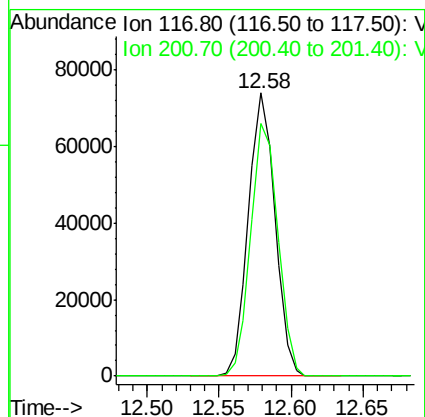
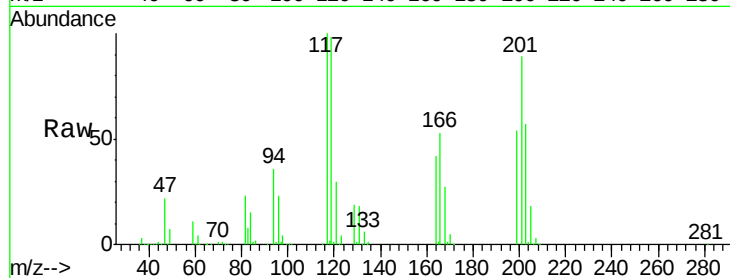
Ion Ratio Lower Upper

117 100

201 90.8 43.1 129.3

Manual Integrations
APPROVED

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6/15/2020 11:10:05 AM



#91

1,2-Dichlorobenzene

Concen: 55.752 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

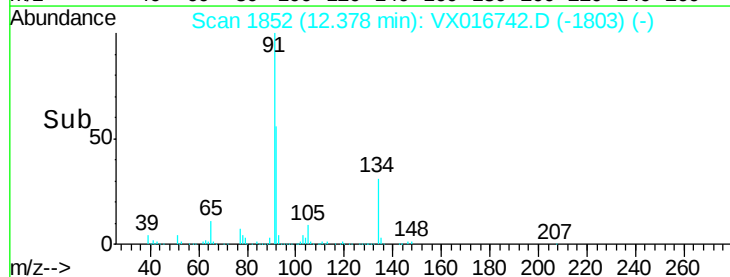
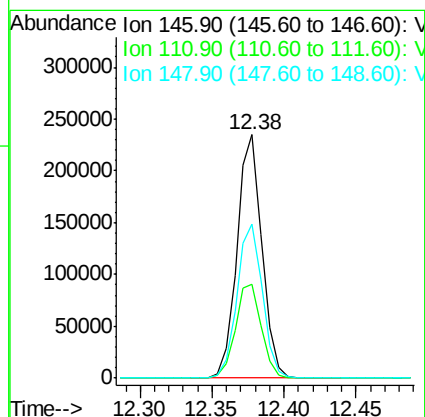
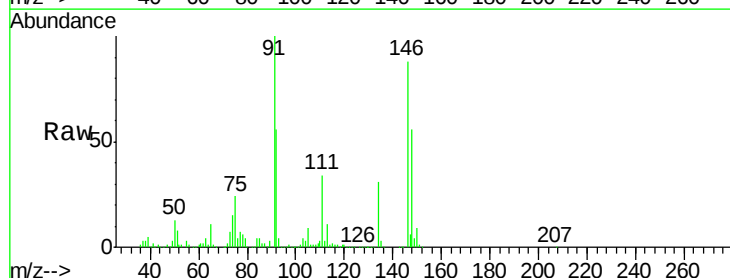
Tgt Ion:146 Resp: 283317

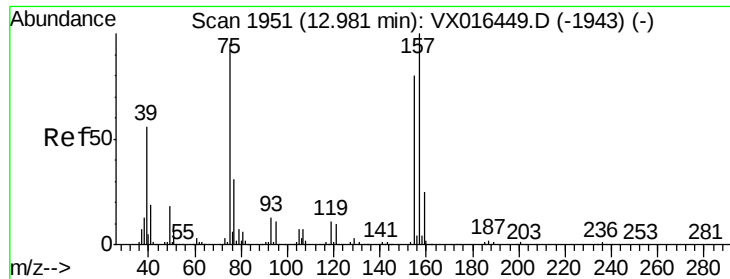
Ion Ratio Lower Upper

146 100

111 40.3 21.4 64.3

148 64.6 31.9 95.7





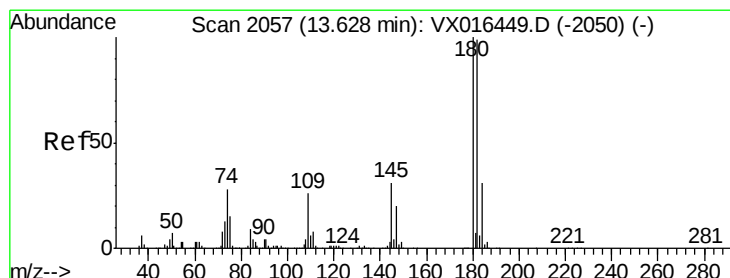
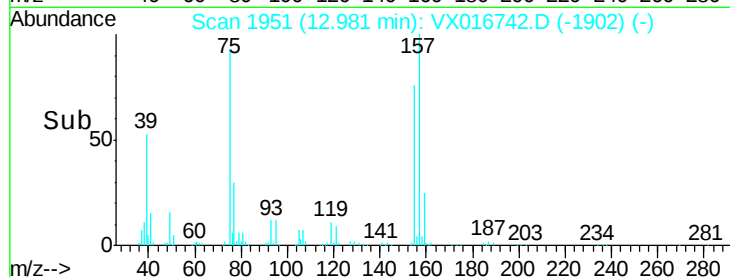
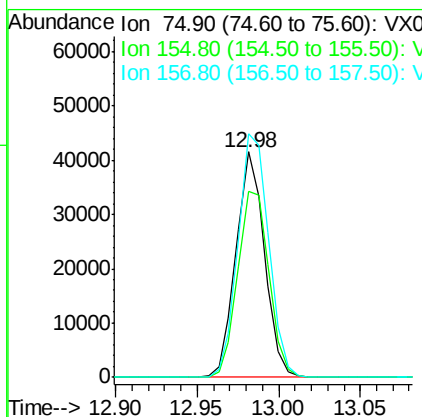
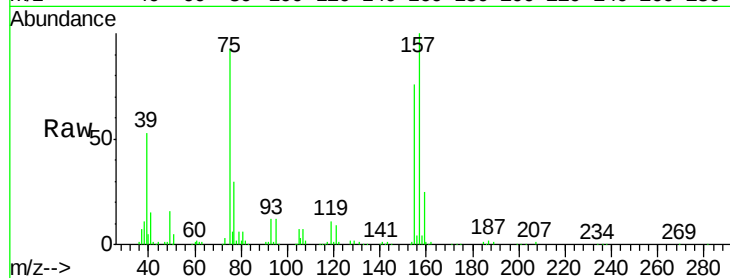
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.955 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	44.1	132.4
157	116.3	57.8	173.3

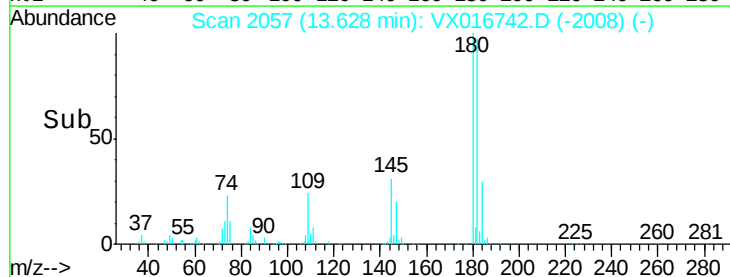
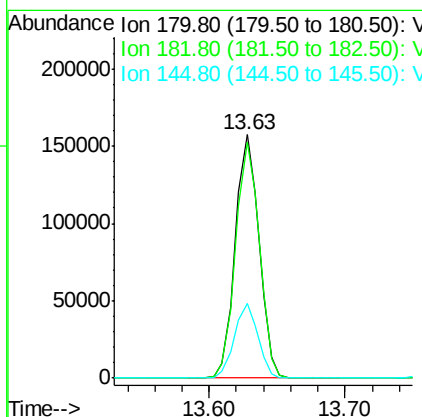
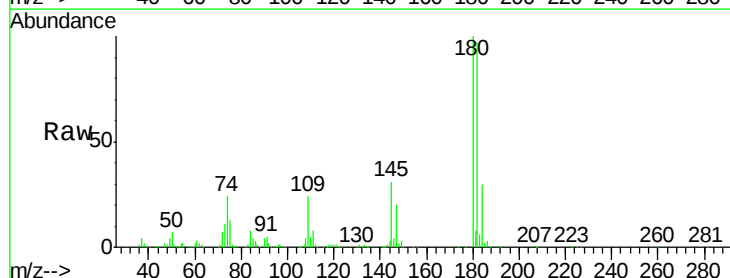
Manual Integrations
 APPROVED

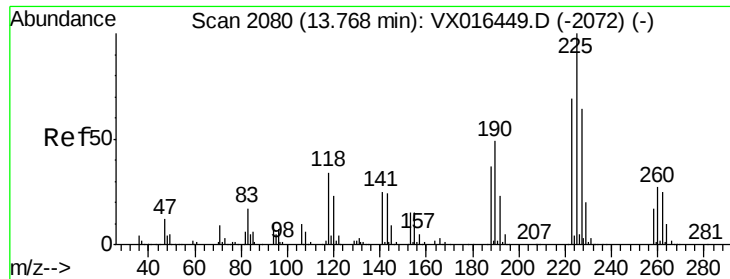
MMDadoda
 6/15/2020 11:10:05 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 56.807 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.3	144.8
145	30.2	15.4	46.2





#94

Hexachlorobutadiene

Concen: 60.522 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Instrument :

MSVOA_X

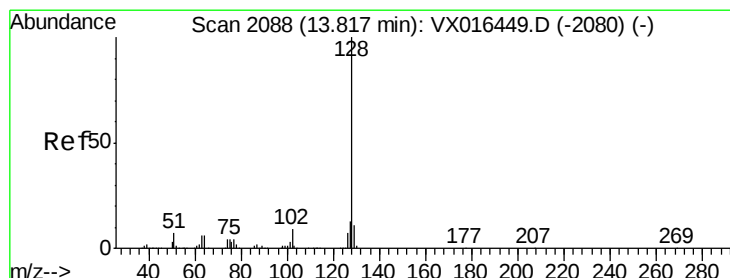
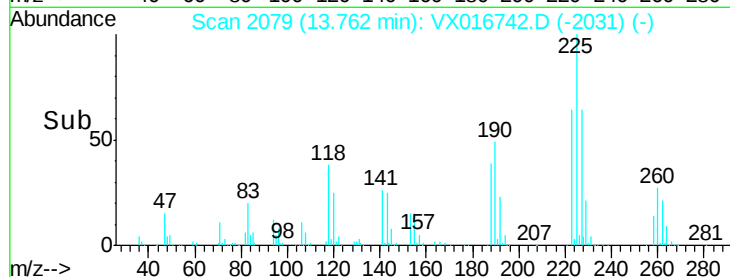
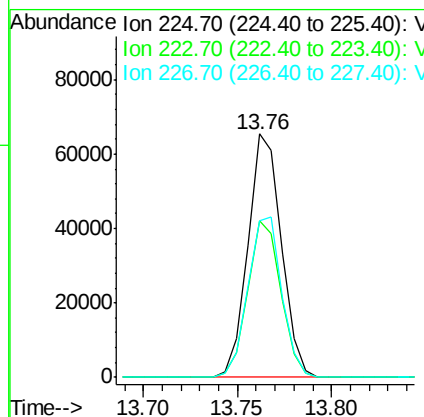
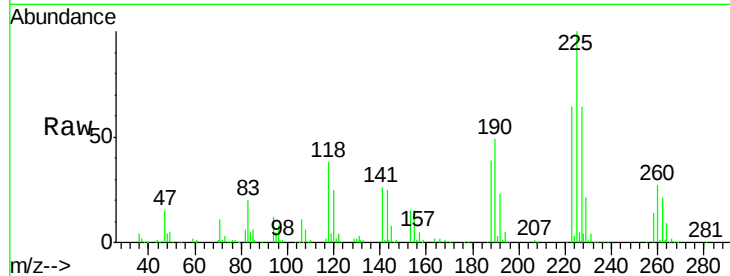
ClientSampleId :

LF015RW050-200611MSD

Tgt Ion:	225	Resp:	80197
Ion Ratio		Lower	Upper
225	100		
223	64.0	32.3	96.8
227	67.0	31.6	94.7

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:10:05 AM



#95

Naphthalene

Concen: 54.824 ug/l

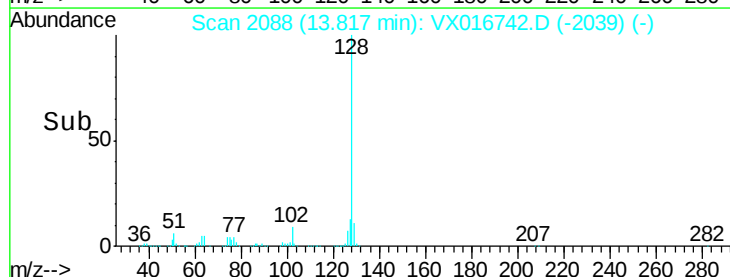
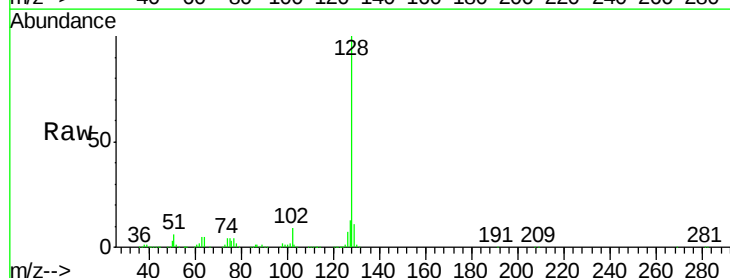
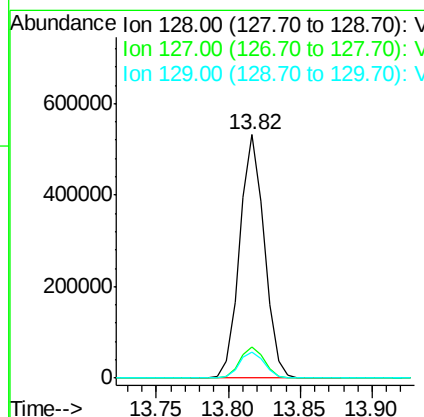
RT: 13.82 min Scan# 2088

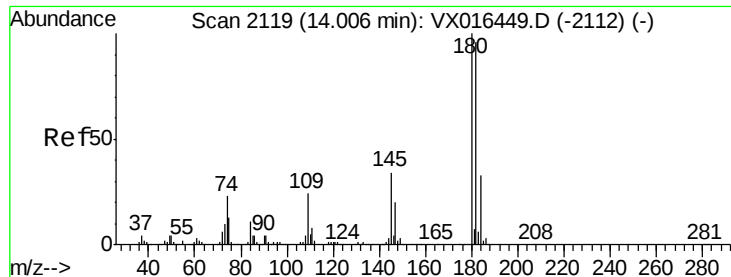
Delta R.T. -0.00 min

Lab File: VX016742.D

Acq: 12 Jun 2020 20:27

Tgt Ion:	128	Resp:	634305
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 59.566 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016742.D
 Acq: 12 Jun 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	196950		
182	95.5	48.6	145.8	
145	32.1	16.6	49.8	

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:05 AM

