

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016555.D
 Acq On : 02 Jun 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:52 AM

Quant Time: Jun 03 04:45:39 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	314624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	491635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190300	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.47	113	153431	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.70	98	601964	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	230431	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	154141	49.783	ug/l	97
3) Chloromethane	1.31	50	187702	50.165	ug/l	100
4) Vinyl Chloride	1.39	62	197443	49.898	ug/l	100
5) Bromomethane	1.62	94	90988	47.292	ug/l	100
6) Chloroethane	1.71	64	119564	51.800	ug/l	98
7) Trichlorofluoromethane	1.92	101	256127	49.287	ug/l	98
8) Diethyl Ether	2.17	74	108246	49.955	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	147872	51.703	ug/l	100
10) Methyl Iodide	2.49	142	147366	43.547	ug/l	97
11) Tert butyl alcohol	3.01	59	236864	236.407	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155783	51.458	ug/l	99
13) Acrolein	2.27	56	124273	291.577	ug/l	99
14) Allyl chloride	2.71	41	285090	51.206	ug/l	99
15) Acrylonitrile	3.12	53	531502	258.966	ug/l	98
16) Acetone	2.42	43	446286	260.705	ug/l	100
17) Carbon Disulfide	2.55	76	432394	48.096	ug/l	100
18) Methyl Acetate	2.75	43	233596	53.204	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	556585	51.200	ug/l	100
20) Methylene Chloride	2.83	84	175729	49.617	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	167846	50.124	ug/l	94
22) Diisopropyl ether	3.82	45	537397	50.246	ug/l	98
23) Vinyl Acetate	3.78	43	2415640	258.035	ug/l	99
24) 1,1-Dichloroethane	3.67	63	306353	50.749	ug/l	100
25) 2-Butanone	4.64	43	740309	255.222	ug/l	98
26) 2,2-Dichloropropane	4.55	77	272007	55.066	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	192713	49.747	ug/l	99
28) Bromochloromethane	4.98	49	138428	49.347	ug/l	98
29) Tetrahydrofuran	5.09	42	480597	256.461	ug/l	99
30) Chloroform	5.18	83	301864	49.628	ug/l	100
31) Cyclohexane	5.55	56	261744	48.197	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	272928	49.563	ug/l	99
36) 1,1-Dichloropropene	5.77	75	231740	49.785	ug/l	99
37) Ethyl Acetate	4.79	43	277179	49.598	ug/l	100
38) Carbon Tetrachloride	5.75	117	237078	48.465	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	258243	51.077	ug/l	99
40) Benzene	6.11	78	701796	50.628	ug/l	99
41) Methacrylonitrile	5.00	41	151333	49.299	ug/l	98
42) 1,2-Dichloroethane	6.17	62	239312	48.545	ug/l	98
43) Isopropyl Acetate	6.41	43	439968	50.472	ug/l	99
44) Trichloroethene	7.19	130	206892	47.041	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180951	51.276	ug/l	99
46) Dibromomethane	7.64	93	118564	50.021	ug/l	100
47) Bromodichloromethane	7.88	83	246514	50.229	ug/l	99
48) Methyl methacrylate	7.74	41	210594	50.457	ug/l	98
49) 1,4-Dioxane	7.71	88	89648	917.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1386204	255.389	ug/l	99
52) Toluene	8.76	92	443110	50.692	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291736	52.276	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	308332	52.198	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	177964	51.205	ug/l	98
56) Ethyl methacrylate	9.16	69	300032	53.006	ug/l	98
57) 1,3-Dichloropropane	9.35	76	301142	50.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	747759	253.095	ug/l	99
59) 2-Hexanone	9.47	43	1081855	256.304	ug/l	99
60) Dibromochloromethane	9.57	129	200244	51.197	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189614	50.947	ug/l	99
64) Tetrachloroethene	9.32	164	223695	44.059	ug/l	98
65) Chlorobenzene	10.12	112	471833	50.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	181035	51.260	ug/l	99
67) Ethyl Benzene	10.24	91	832356	50.531	ug/l	100
68) m/p-Xylenes	10.34	106	631573	103.410	ug/l	98
69) o-Xylene	10.68	106	301618	50.994	ug/l	99
70) Styrene	10.70	104	529335	52.066	ug/l	99
71) Bromoform	10.84	173	156039	52.279	ug/l #	100
73) Isopropylbenzene	11.00	105	799514	50.961	ug/l	100
74) N-amyl acetate	10.88	43	379429	52.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228553	58.128	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	256964m	51.631	ug/l	
77) Bromobenzene	11.24	156	206138	50.096	ug/l	99
78) n-propylbenzene	11.34	91	904525	51.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	545387	50.976	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	675751	51.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105767	52.275	ug/l	98
82) 4-Chlorotoluene	11.49	91	641682	50.790	ug/l	100
83) tert-Butylbenzene	11.76	119	609357	54.440	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	679391	51.282	ug/l	99
85) sec-Butylbenzene	11.93	105	732238	52.148	ug/l	100
86) p-Isopropyltoluene	12.05	119	696000	52.915	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	363630	51.008	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	365494	50.129	ug/l	99
89) n-Butylbenzene	12.37	91	605131	55.234	ug/l	100
90) Hexachloroethane	12.58	117	122632	53.977	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352949	51.102	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63379	49.765	ug/l	97

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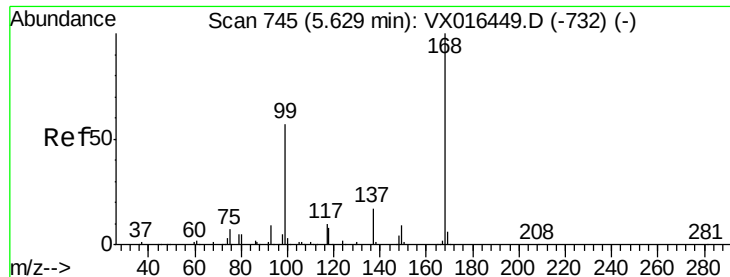
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251538	54.837	ug/l	98
94) Hexachlorobutadiene	13.76	225	97814	54.312	ug/l	99
95) Naphthalene	13.82	128	814372	51.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	234654	52.216	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 314624

Ion Ratio Lower Upper

168 100

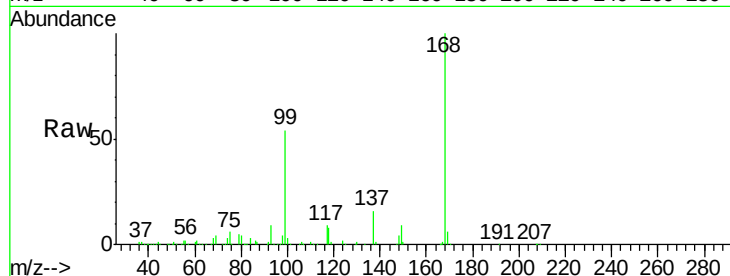
99 53.4 45.2 67.8

Manual Integrations

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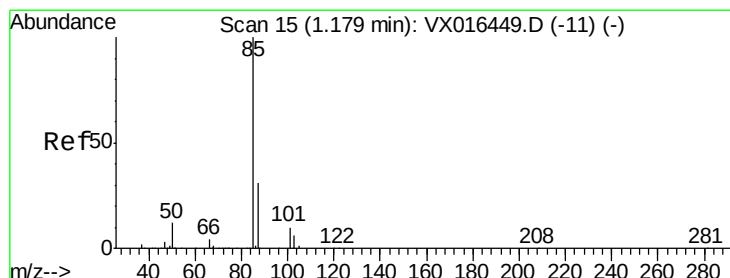
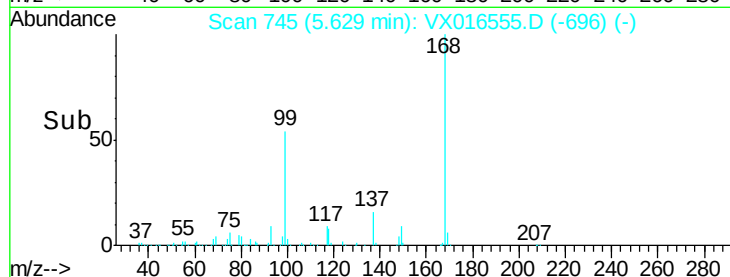
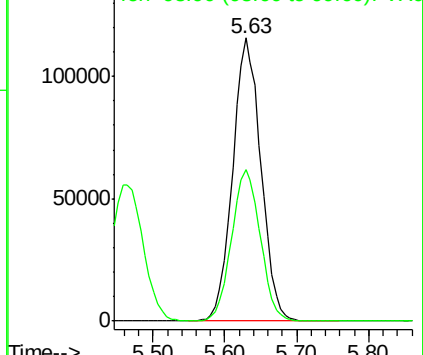
MMDadoda

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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: 49.783 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016555.D

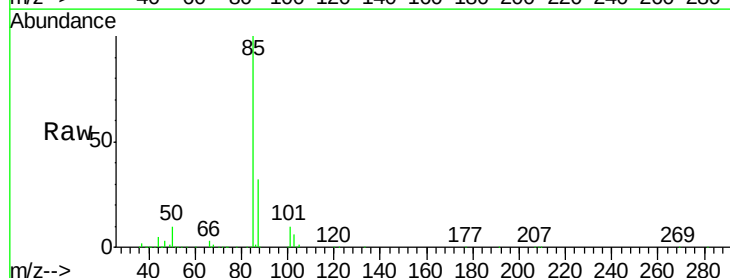
Acq: 02 Jun 2020 16:20

Tgt Ion: 85 Resp: 154141

Ion Ratio Lower Upper

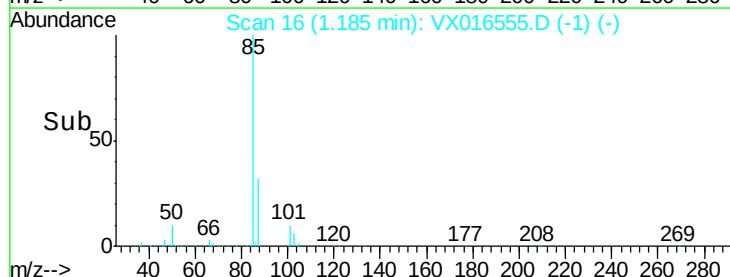
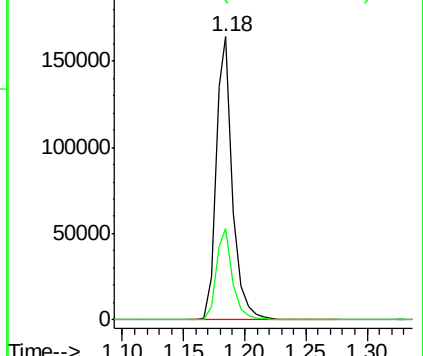
85 100

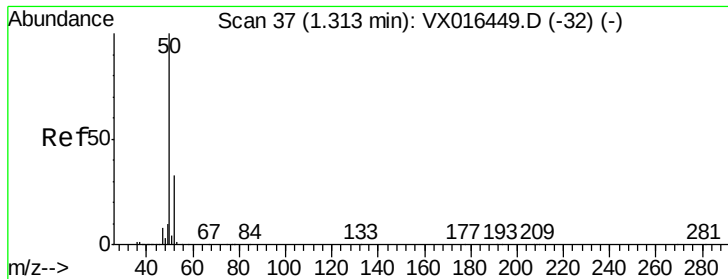
87 32.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.165 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 187702

Ion Ratio Lower Upper

50 100

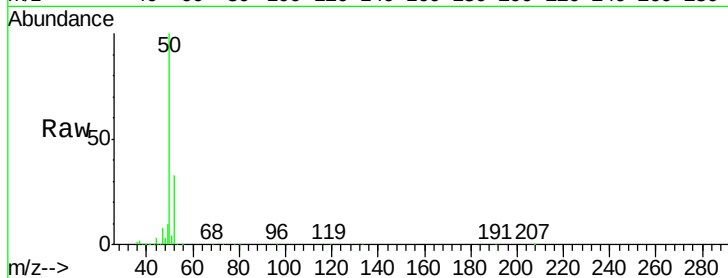
52 32.9 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

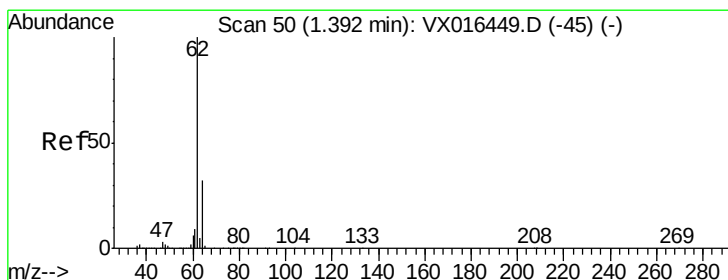
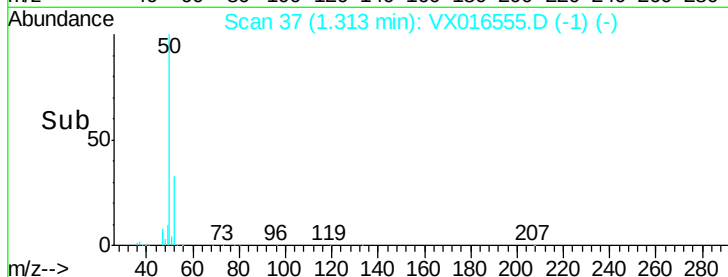
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016555.D

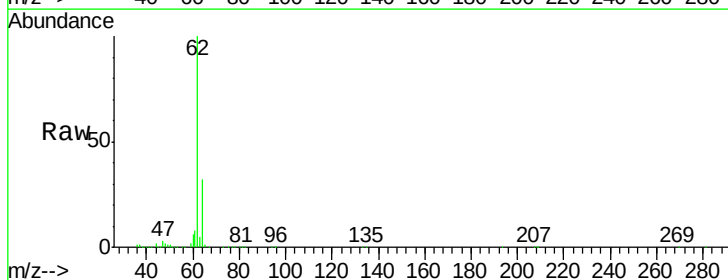
Acq: 02 Jun 2020 16:20

Tgt Ion: 62 Resp: 197443

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

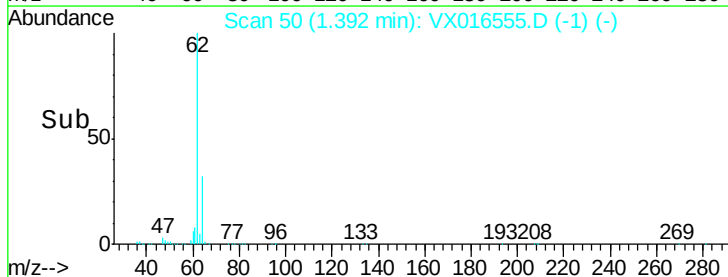
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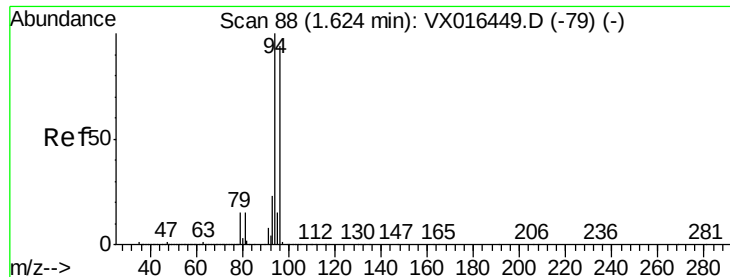
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.292 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90988

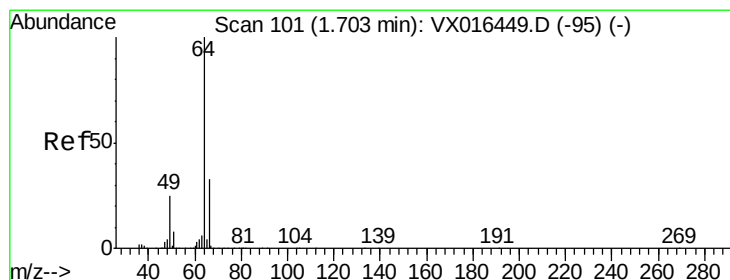
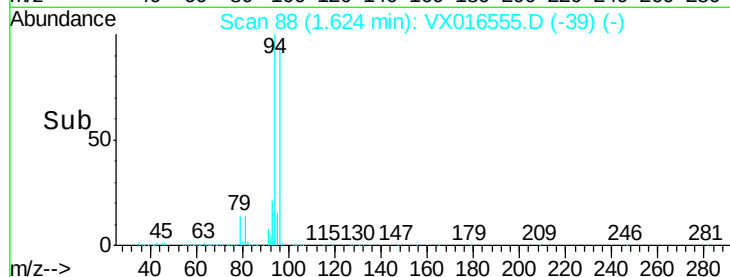
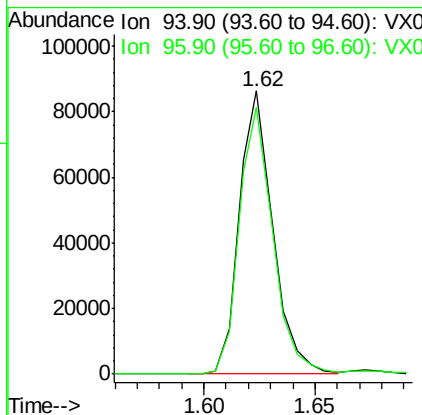
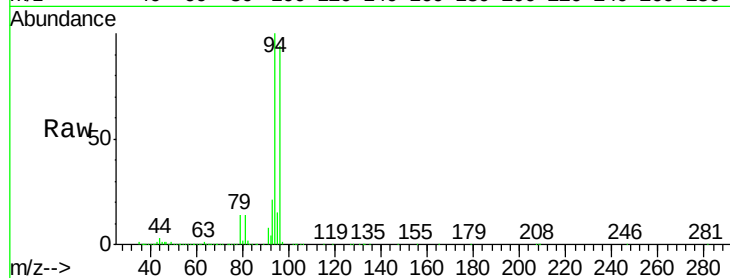
Ion Ratio Lower Upper

94 100

96 94.0 75.1 112.7

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#6

Chloroethane

Concen: 51.800 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016555.D

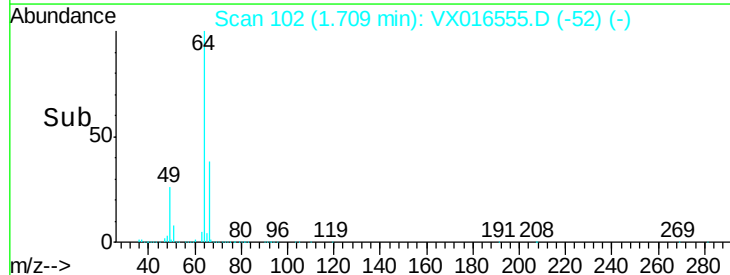
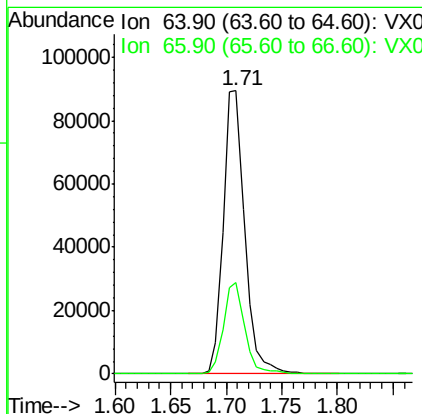
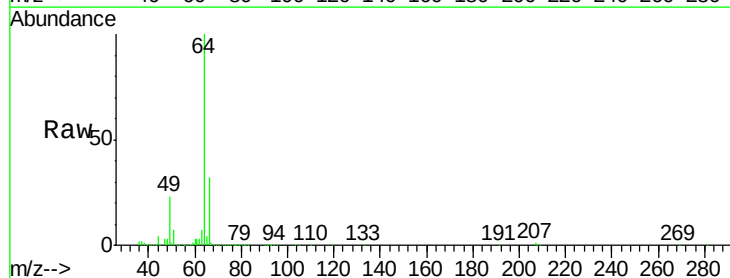
Acq: 02 Jun 2020 16:20

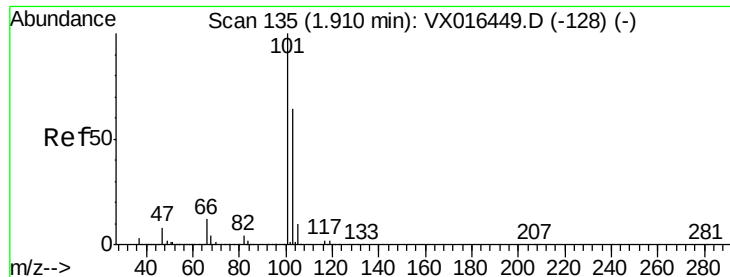
Tgt Ion: 64 Resp: 119564

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1





#7

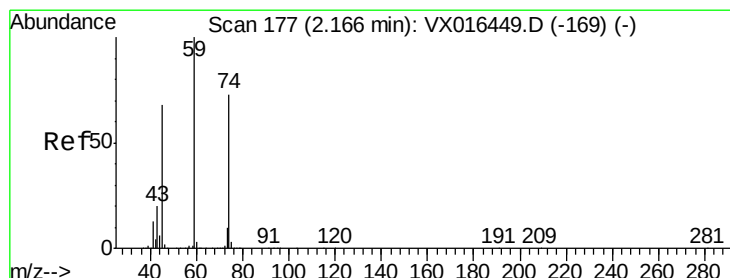
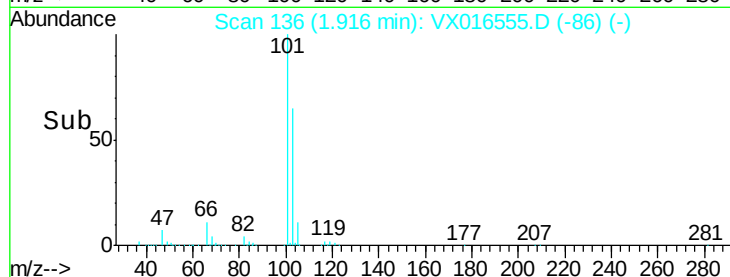
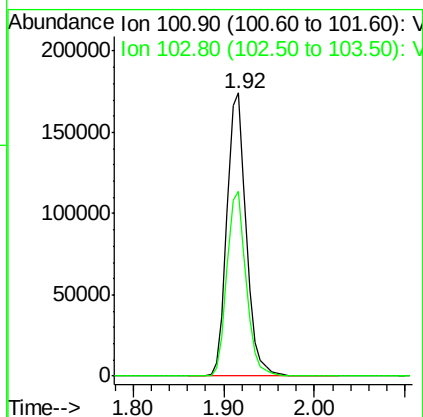
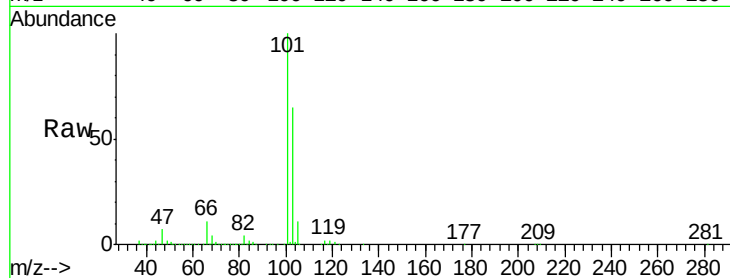
Trichlorofluoromethane
Concen: 49.287 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.9	76.3

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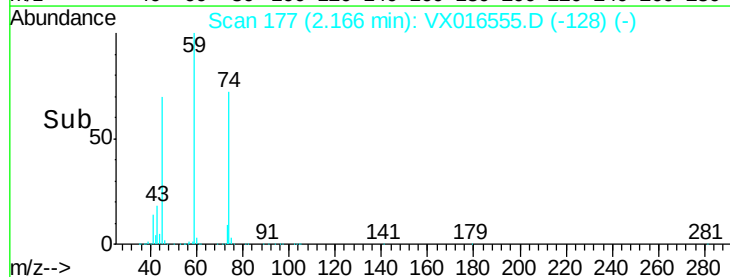
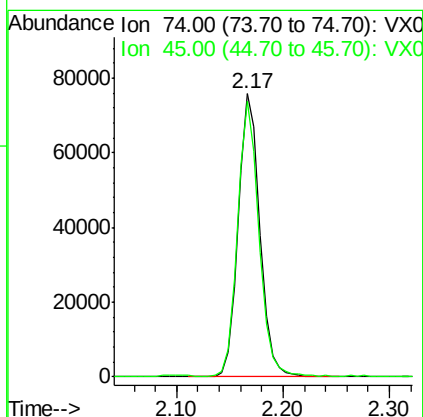
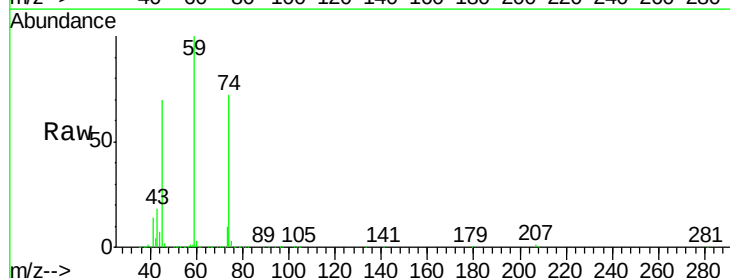
MMDadoda
6/3/2020 9:51:52 AM

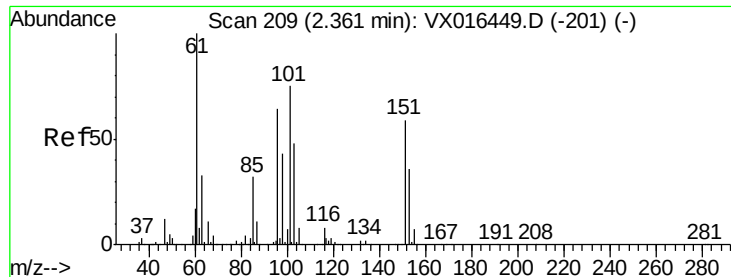


#8

Diethyl Ether
Concen: 49.955 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.703 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

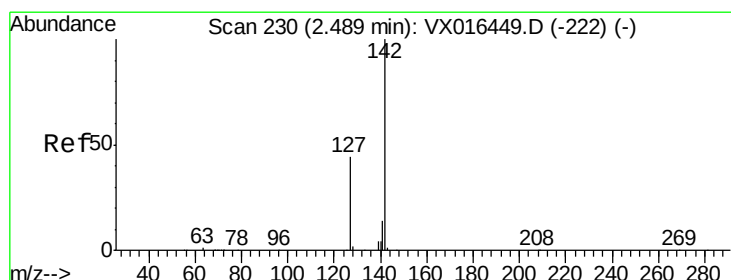
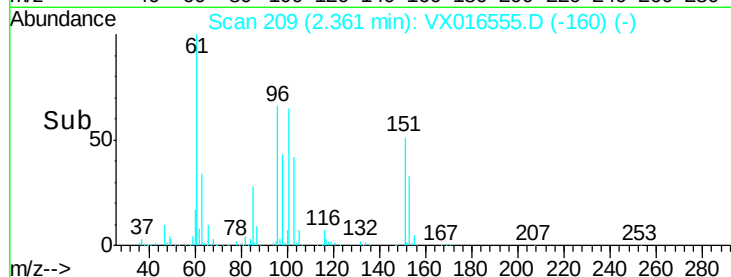
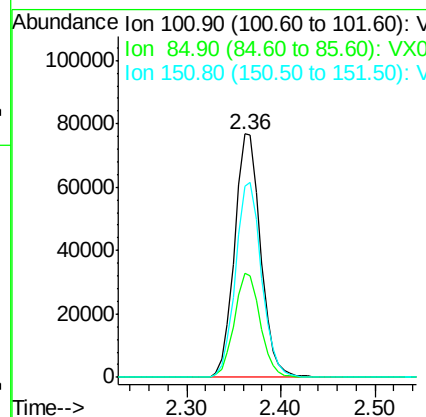
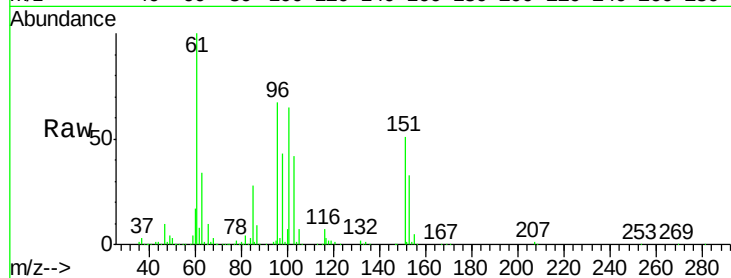
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147872
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	80.1	63.8	95.6

Manual Integrations
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6/3/2020 9:51:52 AM



#10

Methyl Iodide

Concen: 43.547 ug/l

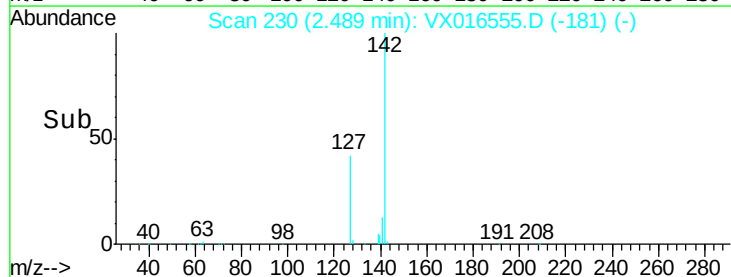
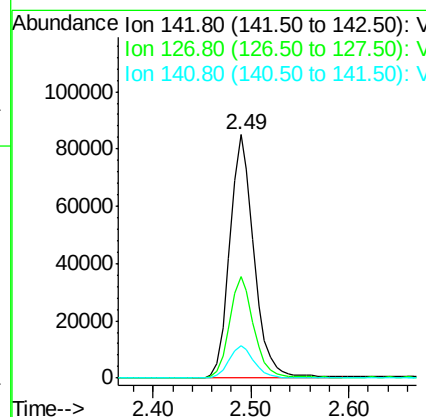
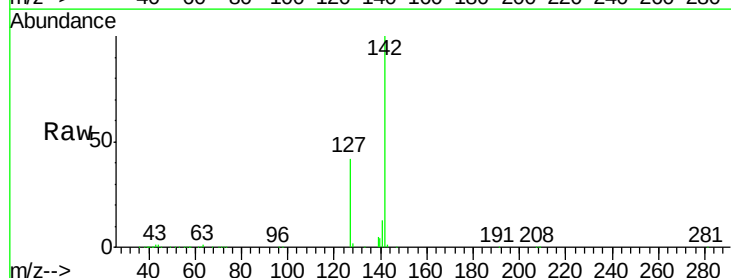
RT: 2.49 min Scan# 230

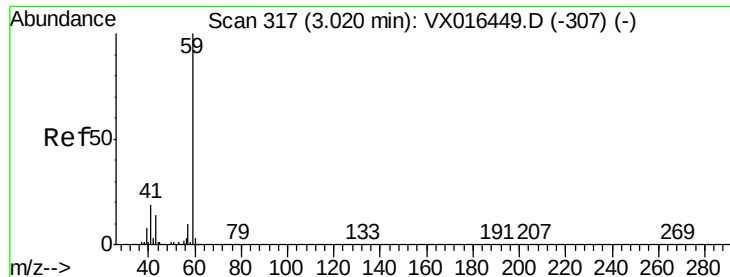
Delta R.T. 0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	142	Resp:	147366
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.3	52.9
141	13.9	11.4	17.2





#11

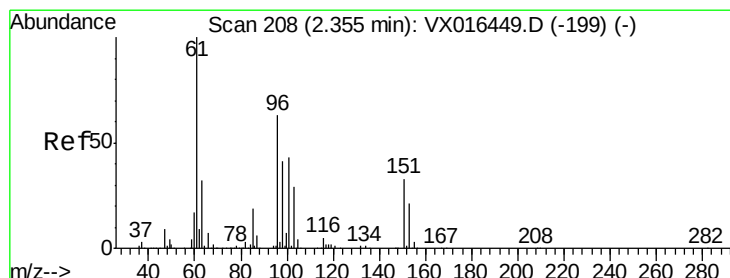
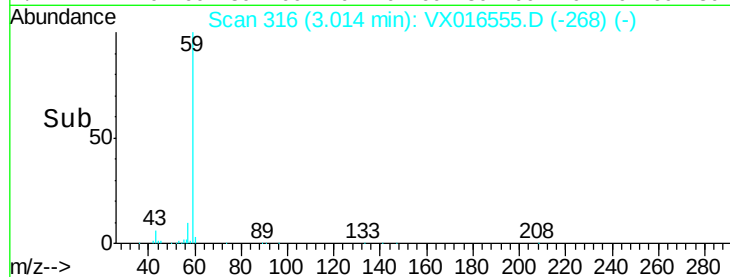
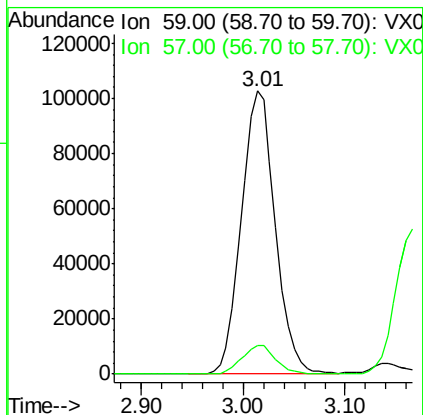
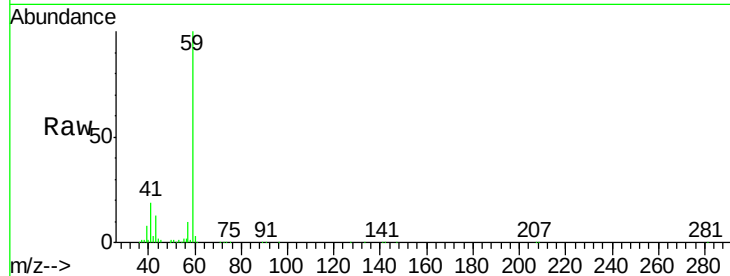
Tert butyl alcohol
Concen: 236.407 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
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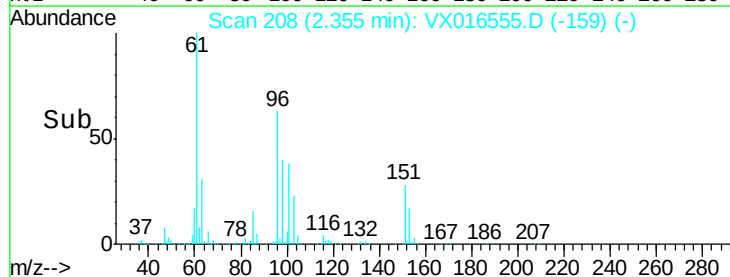
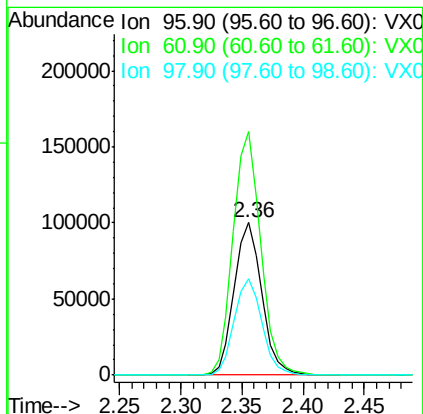
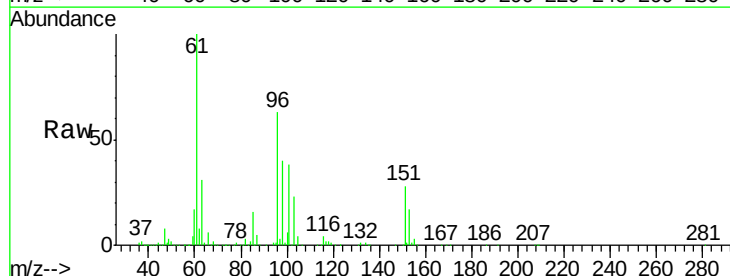
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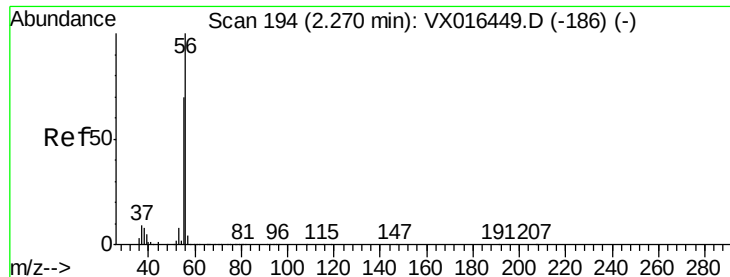


#12

1,1-Dichloroethene
Concen: 51.458 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.6	189.8
98	63.5	51.3	76.9





#13

Acrolein

Concen: 291.577 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 124273

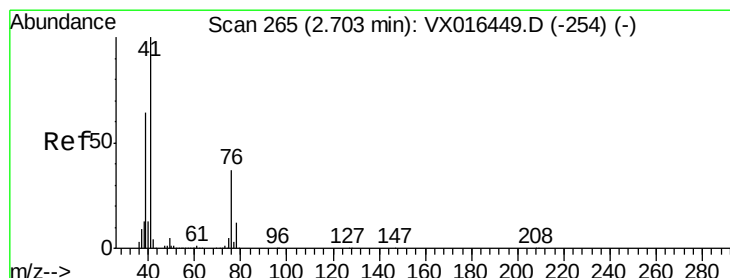
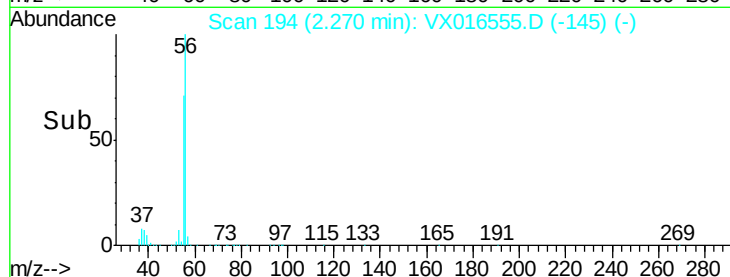
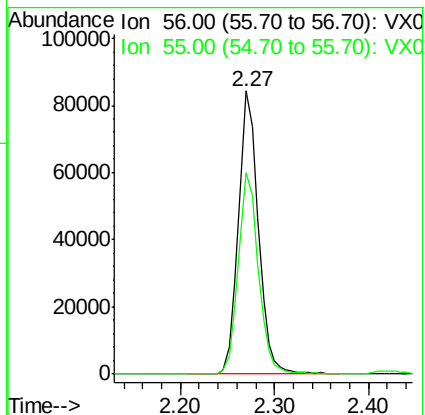
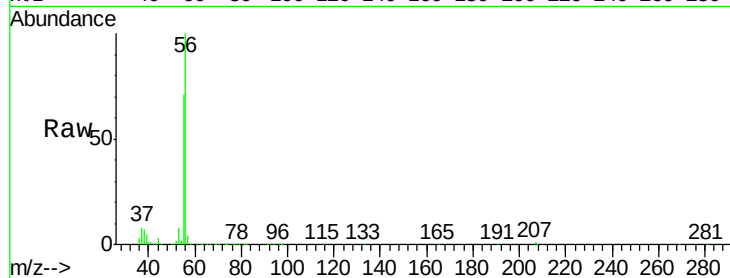
Ion Ratio Lower Upper

56 100

55 71.9 58.3 87.5

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#14

Allyl chloride

Concen: 51.206 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

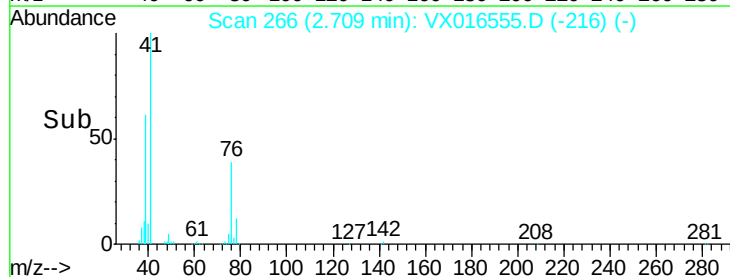
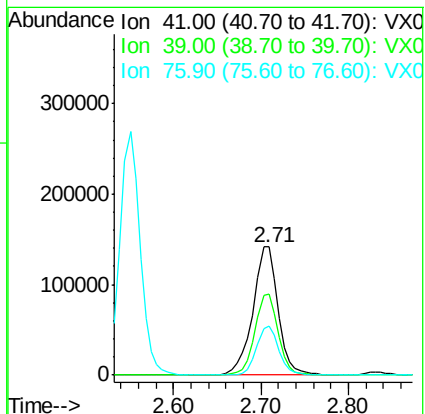
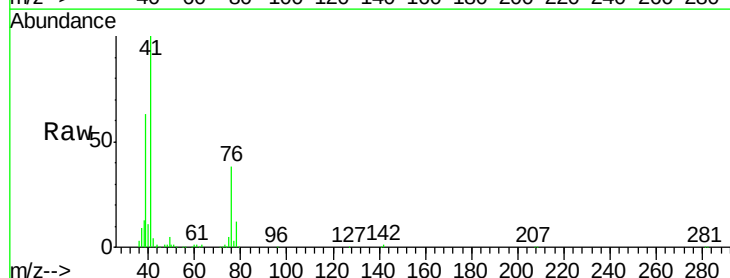
Tgt Ion: 41 Resp: 285090

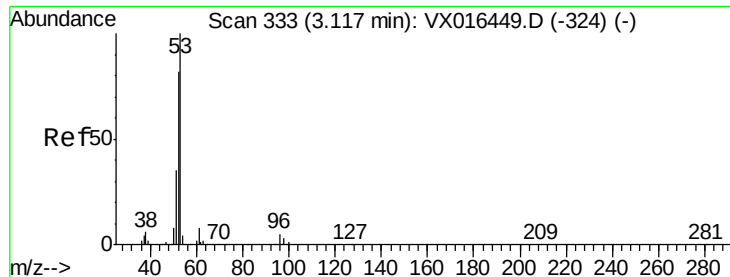
Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

76 33.6 26.6 40.0





#15

Acrylonitrile

Concen: 258.966 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

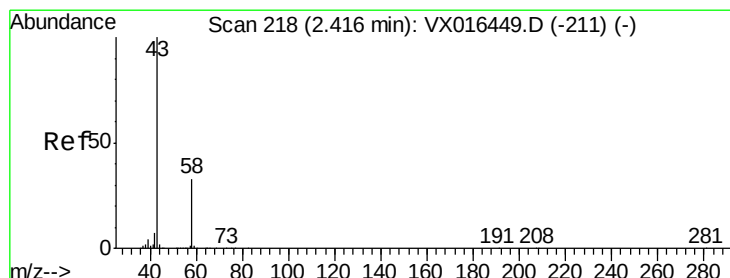
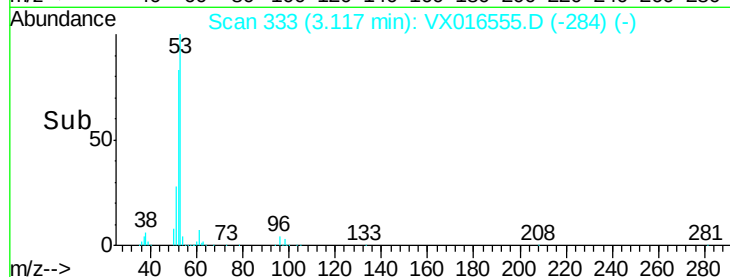
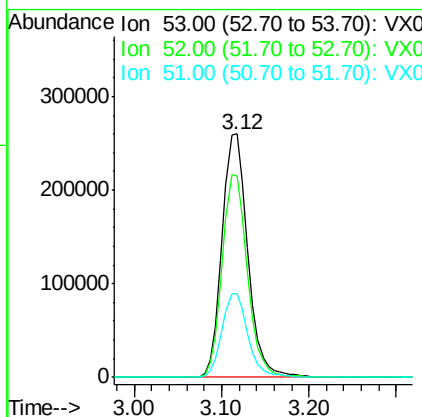
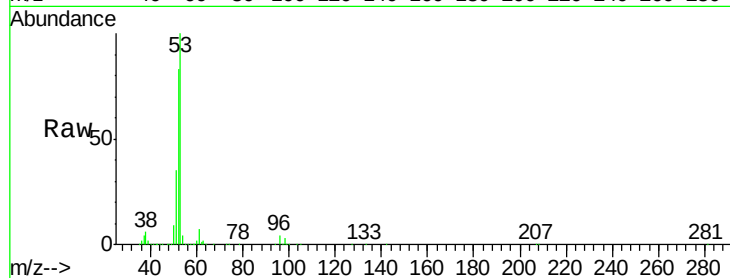
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	531502
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	34.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 260.705 ug/l

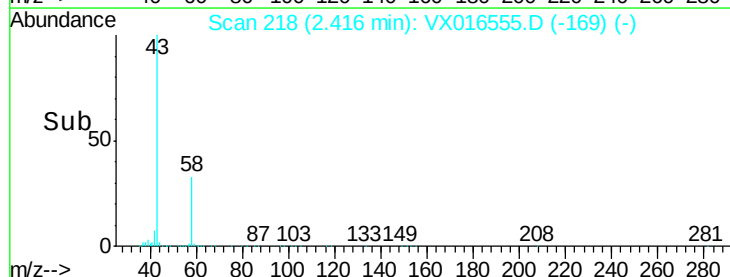
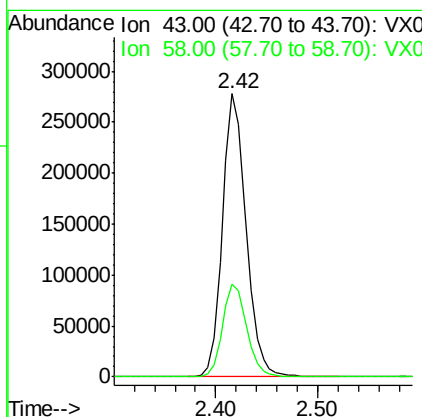
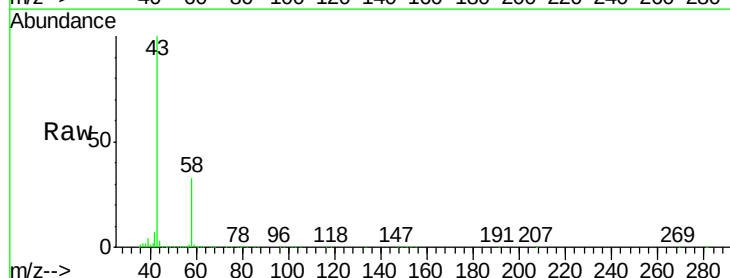
RT: 2.42 min Scan# 218

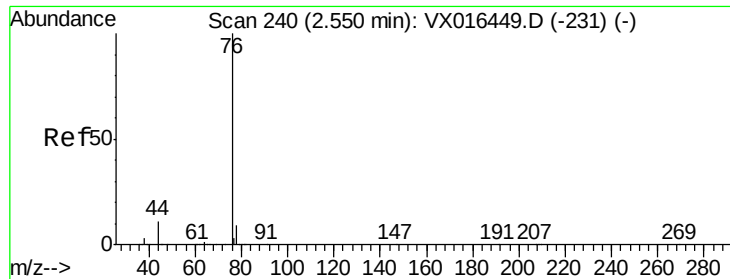
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	43	Resp:	446286
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.1	39.1





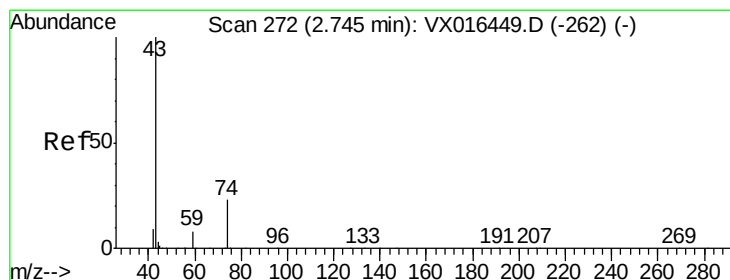
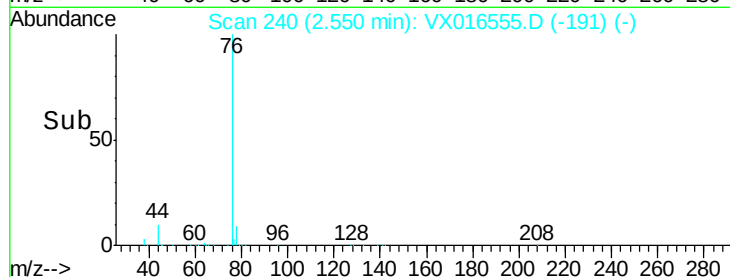
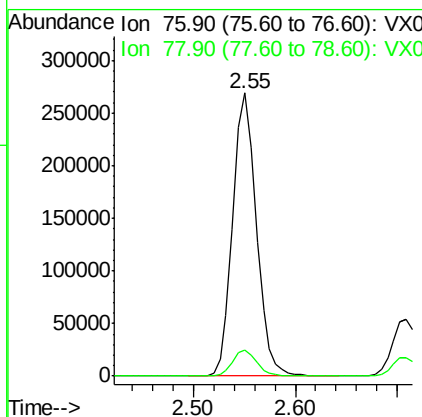
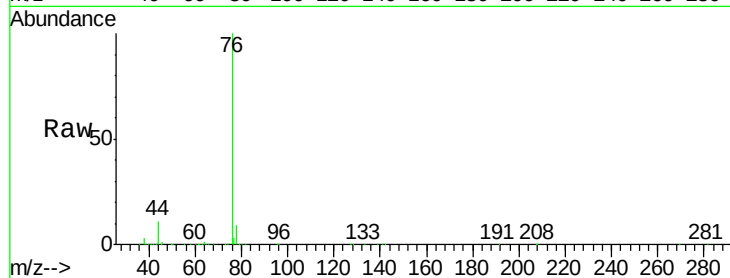
#17
Carbon Disulfide
Concen: 48.096 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

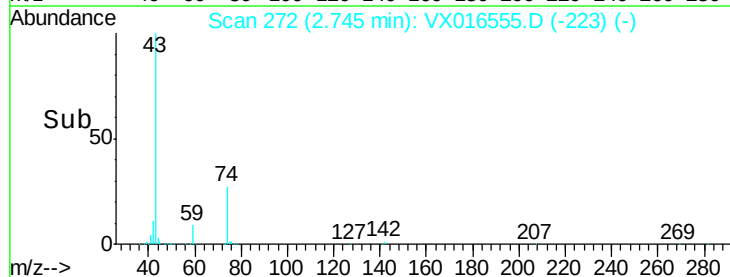
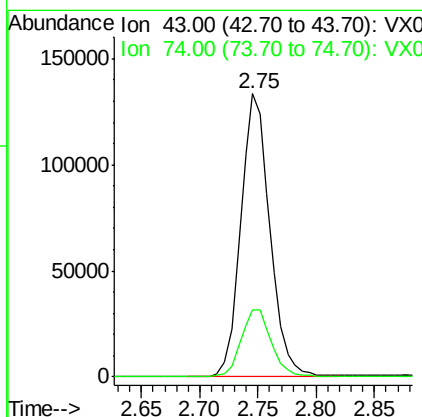
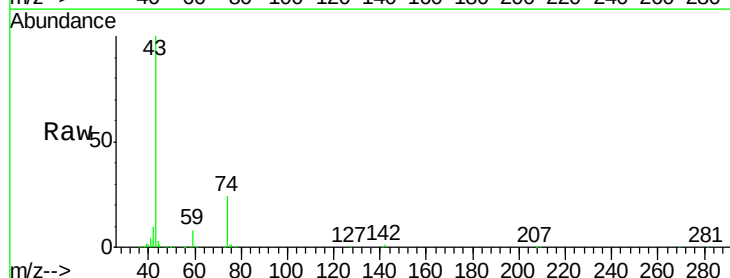
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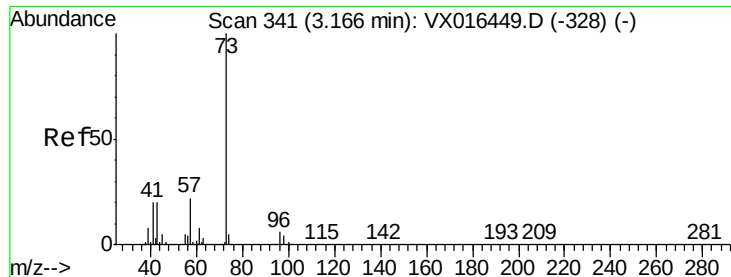
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#18
Methyl Acetate
Concen: 53.204 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.7	29.5





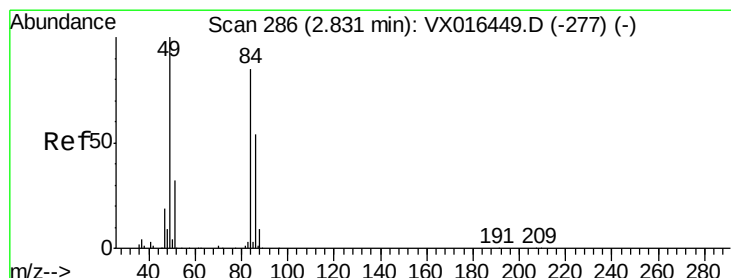
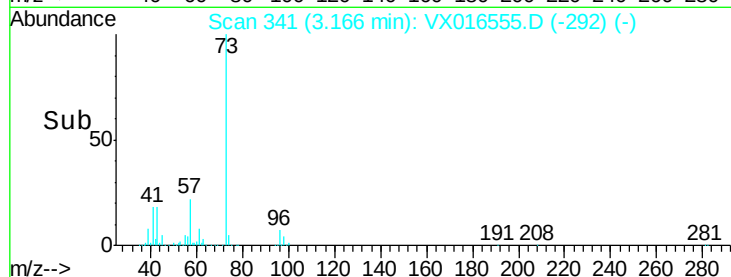
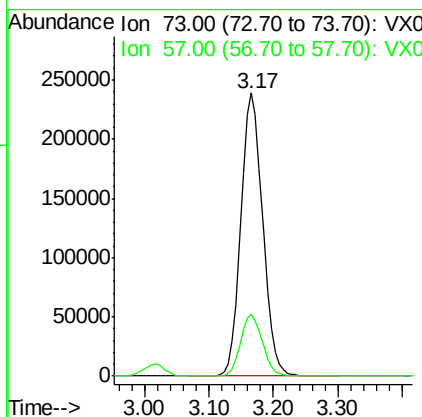
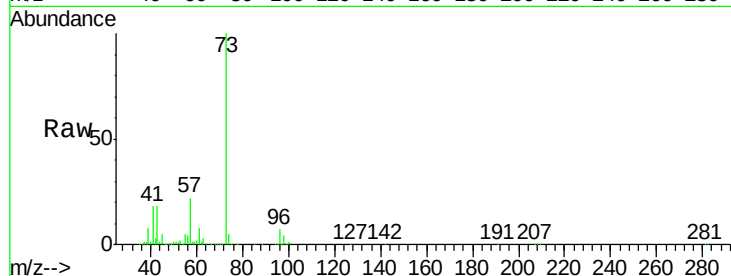
#19
Methyl tert-butyl Ether
Concen: 51.200 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.6

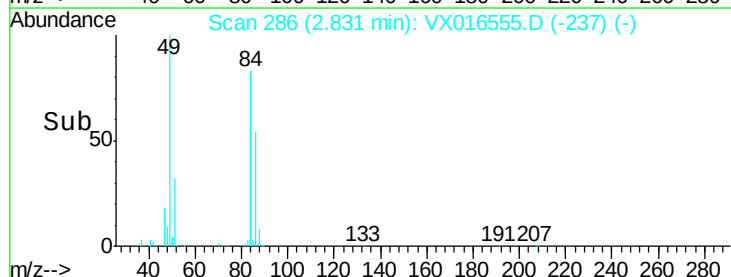
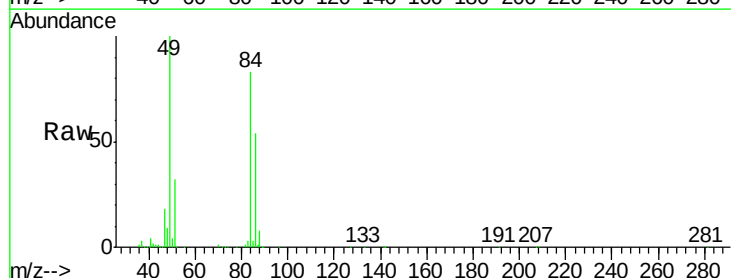
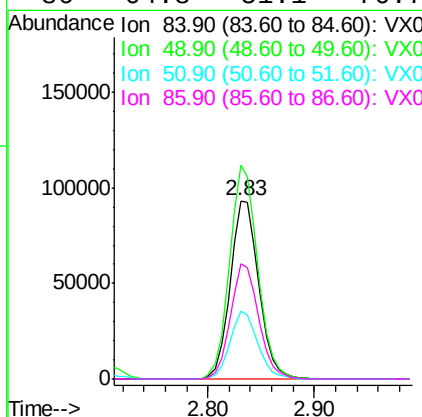
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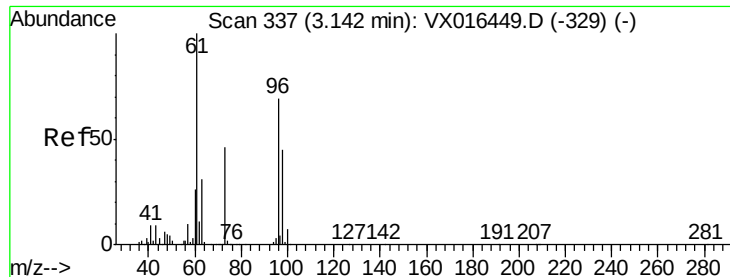
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#20
Methylene Chloride
Concen: 49.617 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	94.5	141.7
51	38.1	30.2	45.4
86	64.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 50.124 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 167846

Ion Ratio Lower Upper

96 100

61 134.8 115.3 172.9

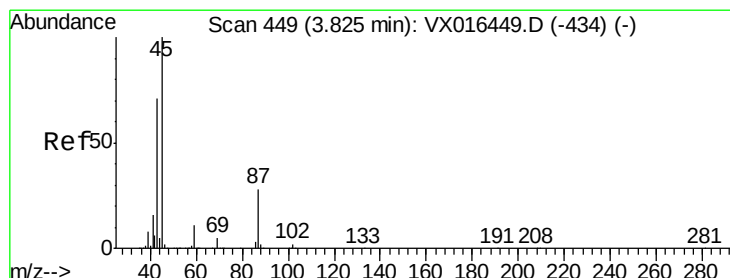
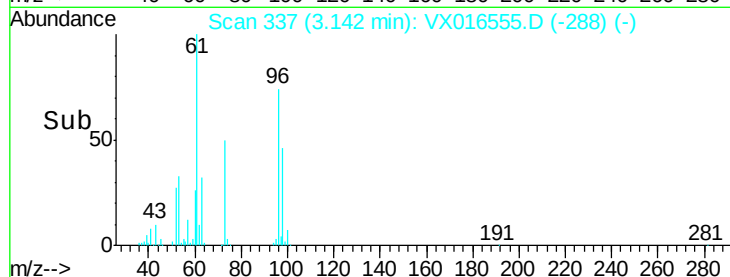
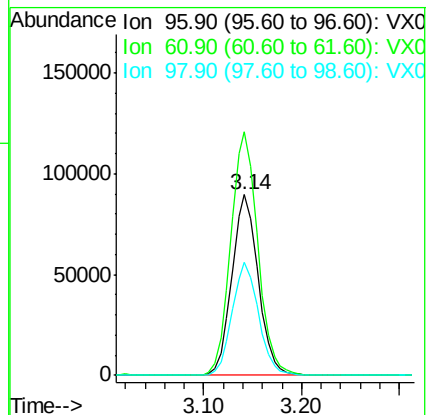
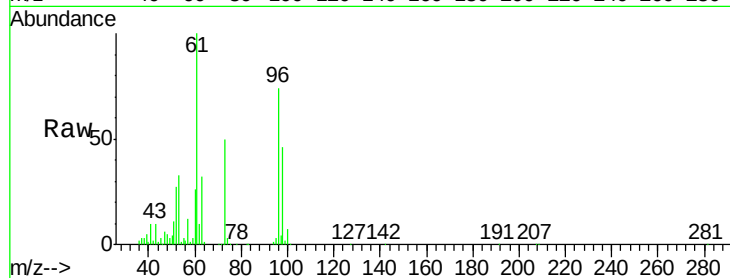
98 62.2 51.9 77.9

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.246 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion: 45 Resp: 537397

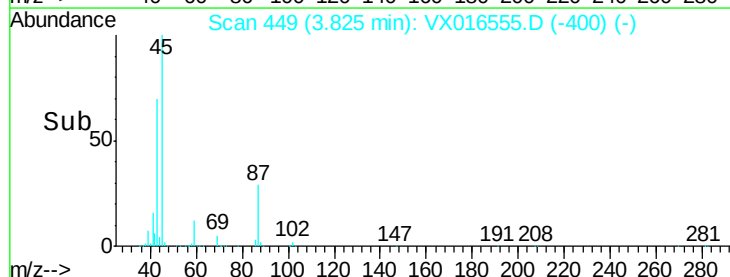
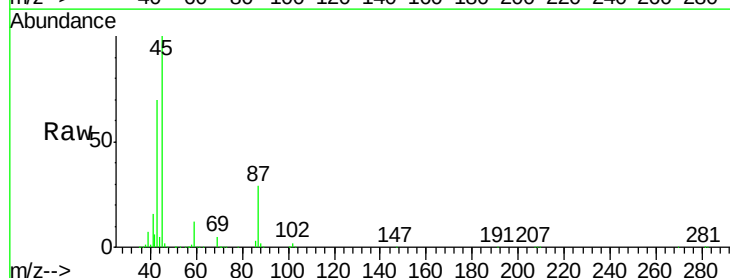
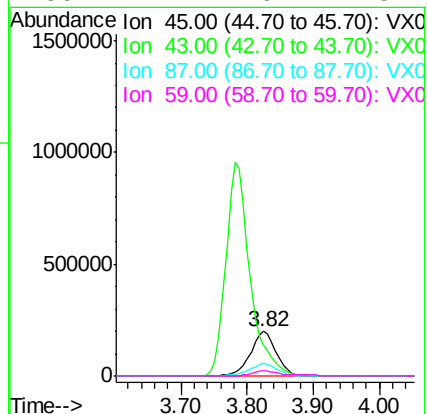
Ion Ratio Lower Upper

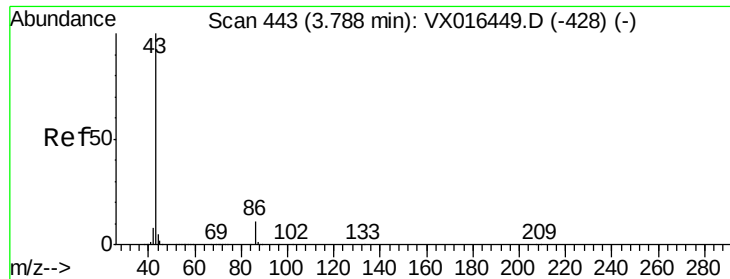
45 100

43 69.6 57.0 85.6

87 29.3 22.5 33.7

59 12.1 9.1 13.7





#23

Vinyl Acetate

Concen: 258.035 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2415640

Ion Ratio Lower Upper

43 100

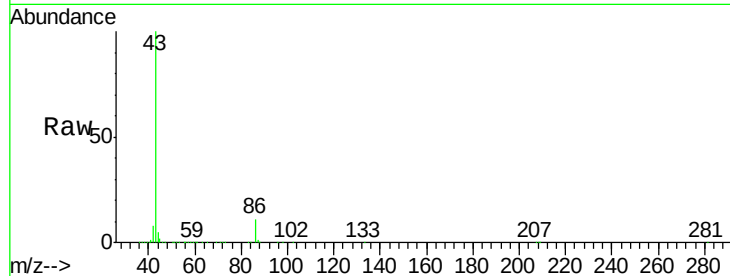
86 11.1 8.6 13.0

Manual Integrations

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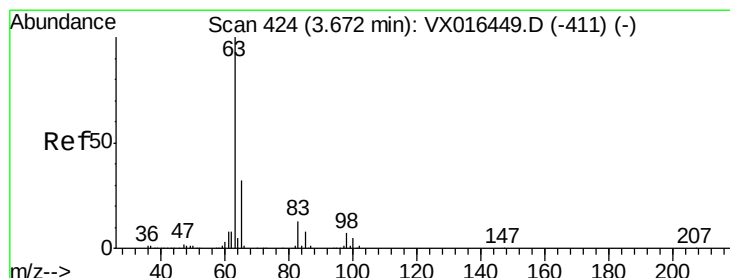
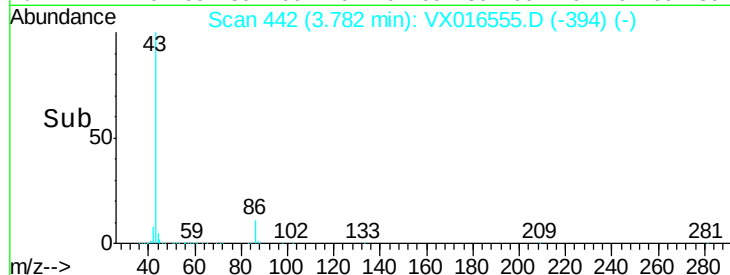
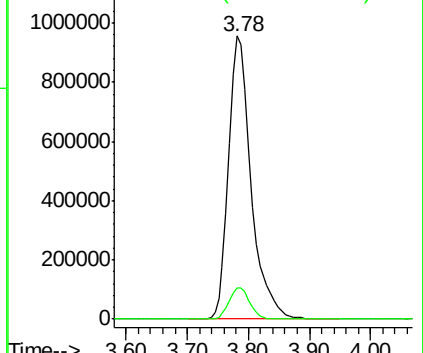
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.749 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

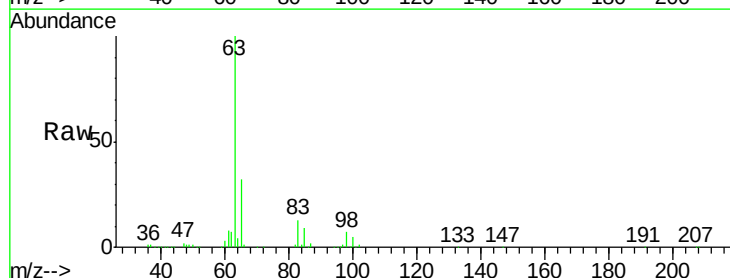
Tgt Ion: 63 Resp: 306353

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

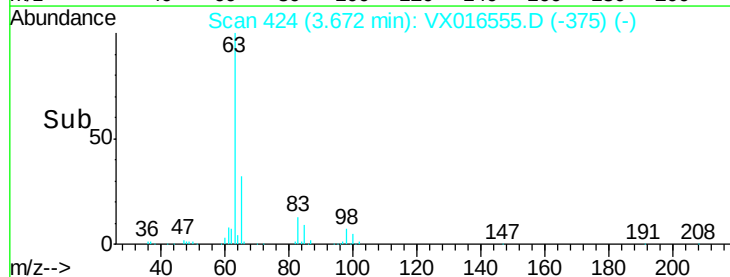
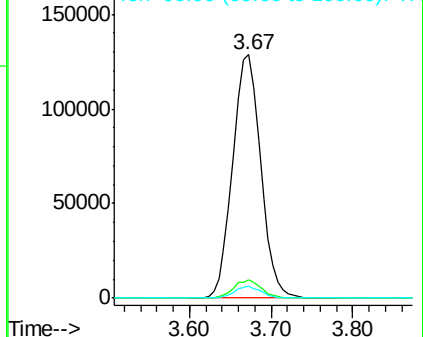
100 4.7 2.4 7.1

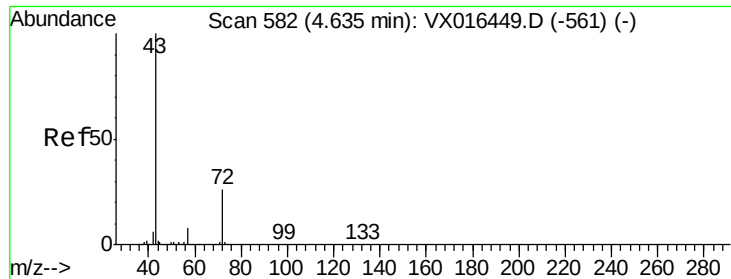


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.222 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 740309

Ion Ratio Lower Upper

43 100

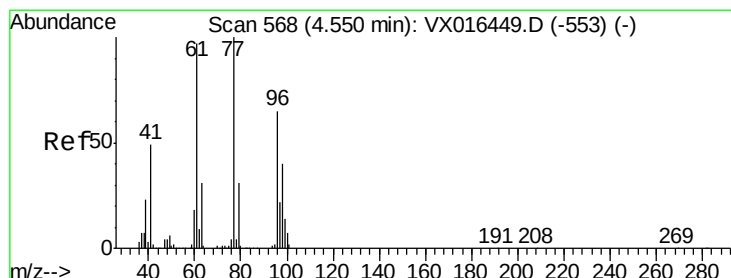
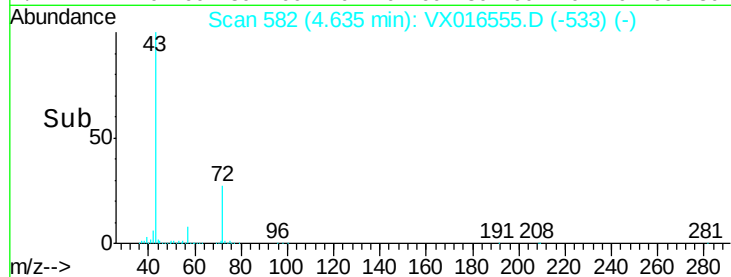
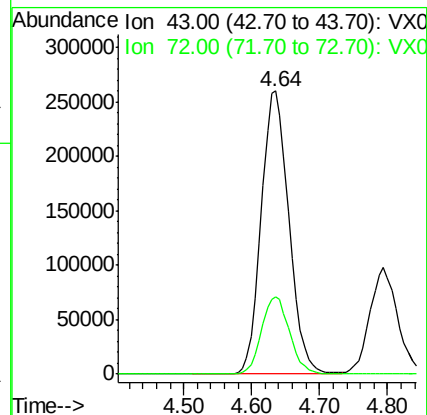
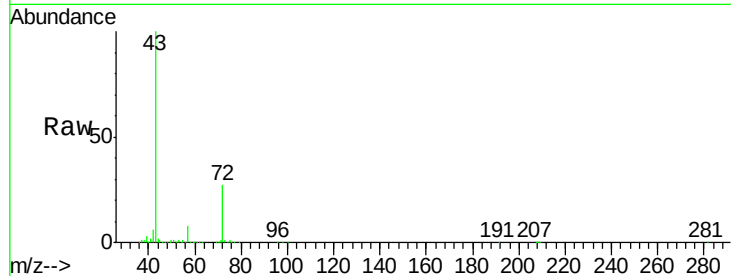
72 27.3 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.066 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016555.D

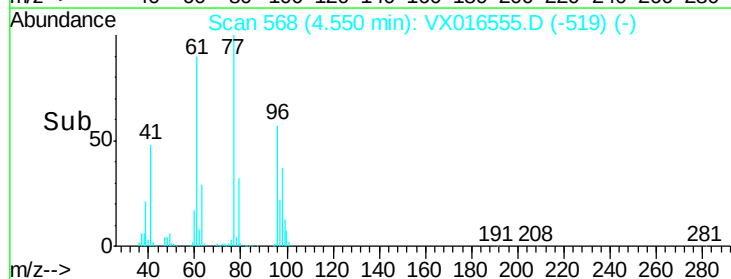
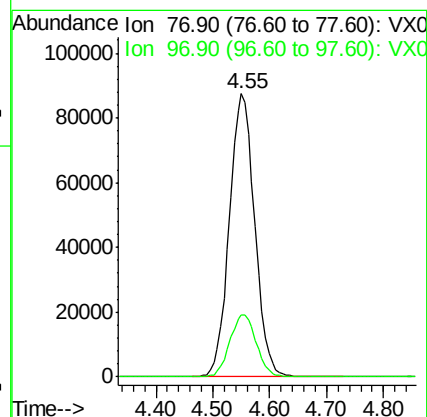
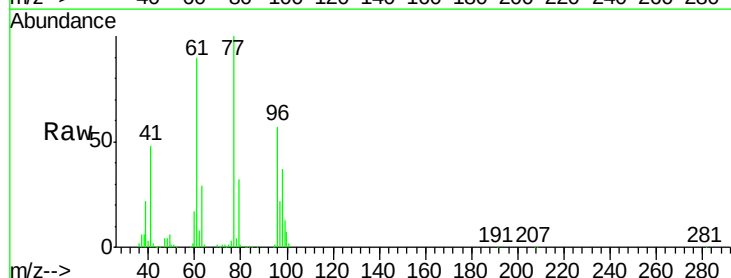
Acq: 02 Jun 2020 16:20

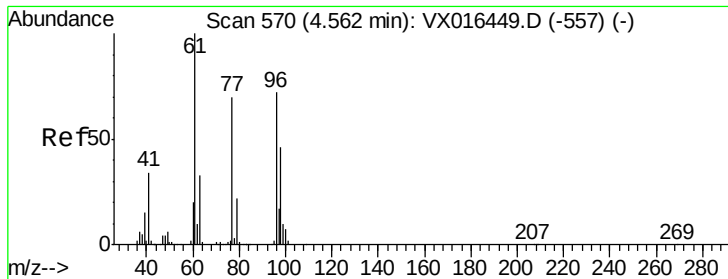
Tgt Ion: 77 Resp: 272007

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

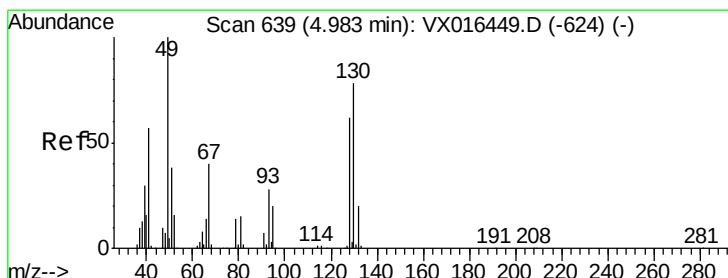
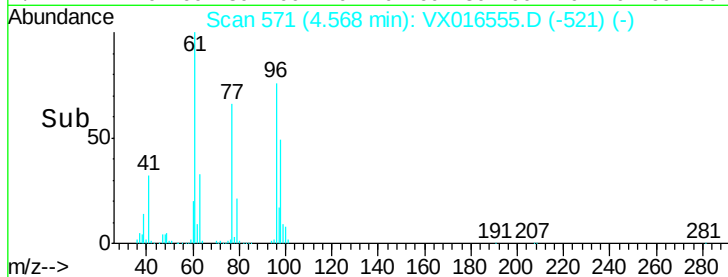
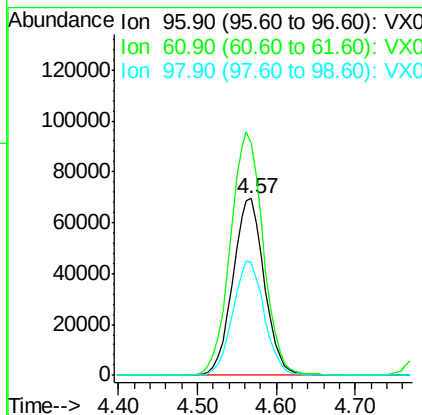
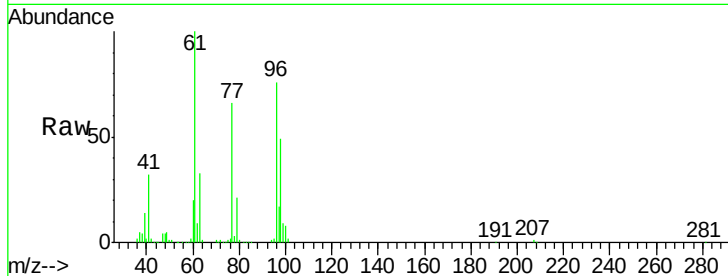
cis-1,2-Dichloroethene
 Concen: 49.747 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	284.6
98	64.6	0.0	127.2

Manual Integrations
 APPROVED

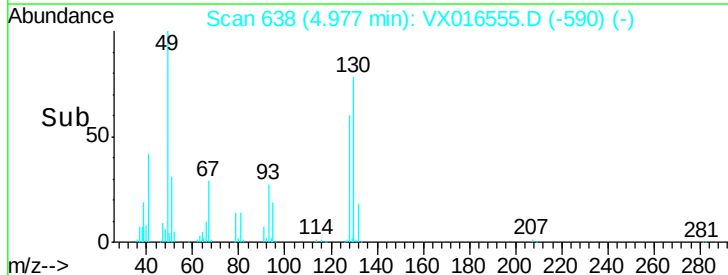
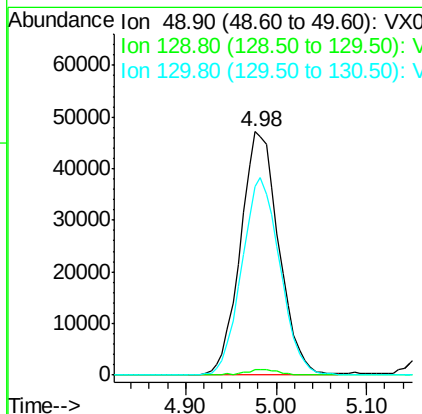
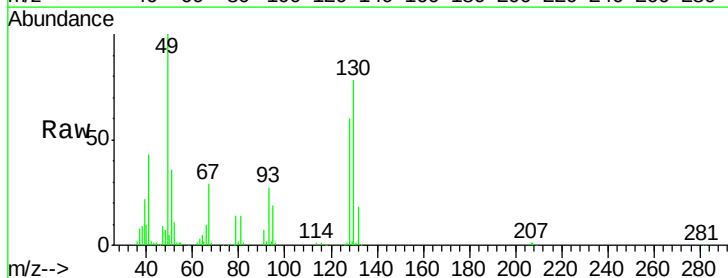
MMDadoda
 6/3/2020 9:51:52 AM

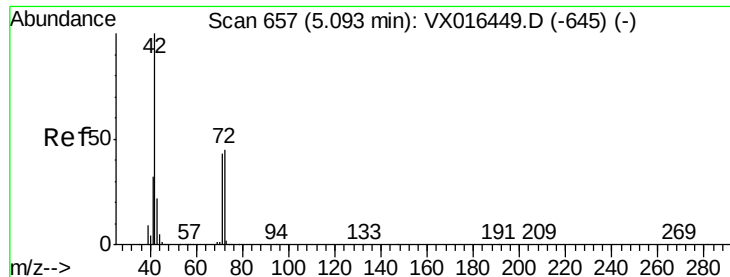


#28

Bromochloromethane
 Concen: 49.347 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	80.7	63.0	94.4





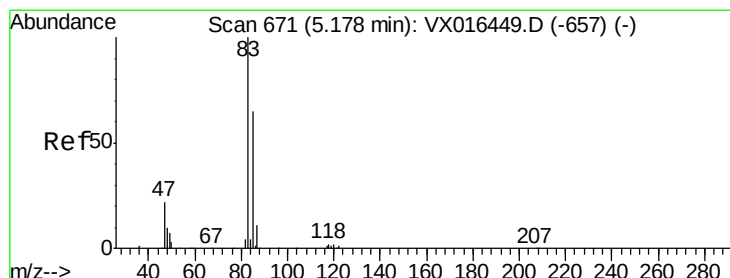
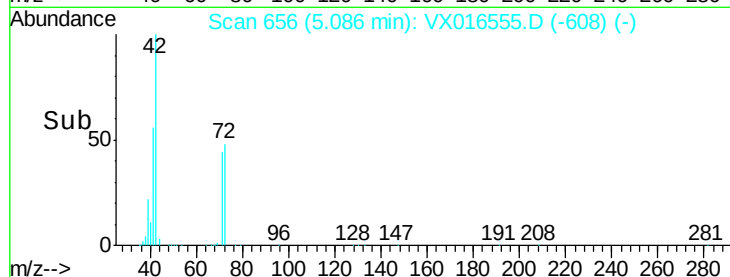
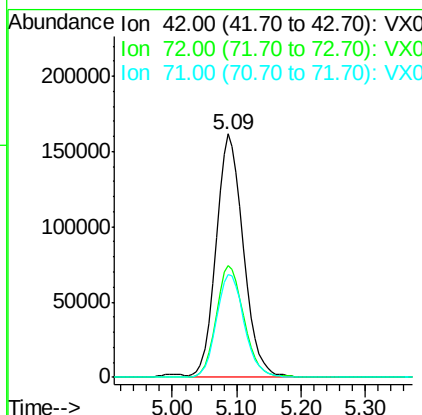
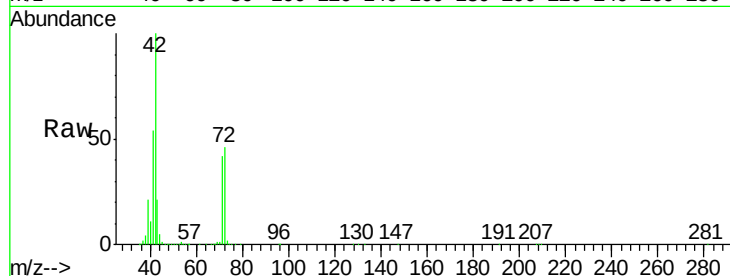
#29
Tetrahydrofuran
Concen: 256.461 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.0	55.4
71	43.3	34.1	51.1

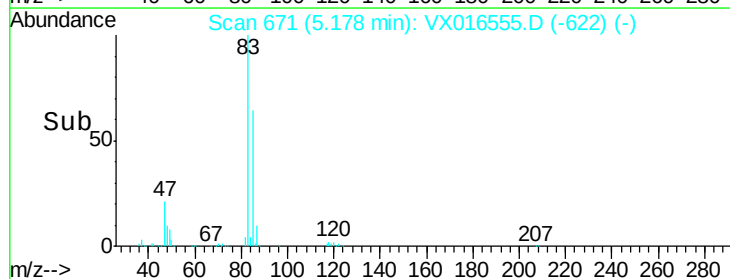
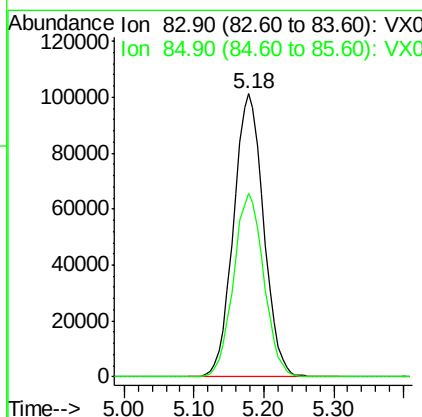
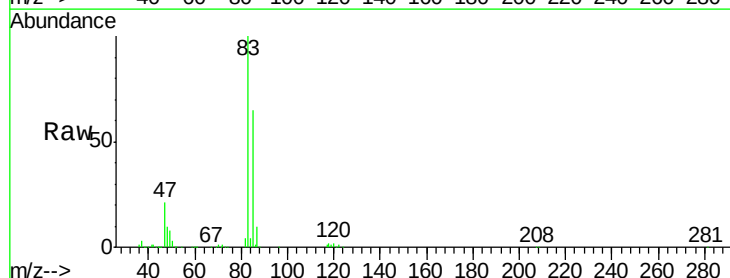
Manual Integrations
APPROVED

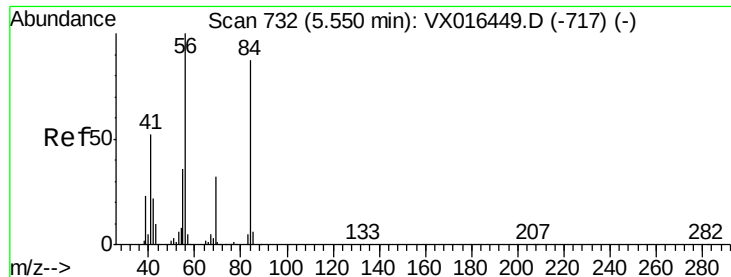
MMDadoda
6/3/2020 9:51:52 AM



#30
Chloroform
Concen: 49.628 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





#31

Cyclohexane

Concen: 48.197 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

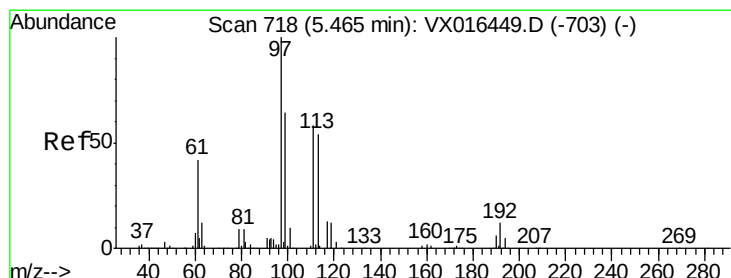
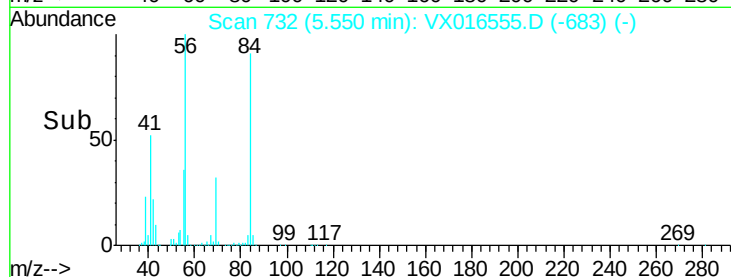
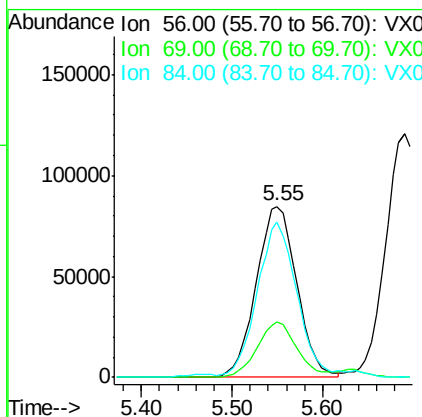
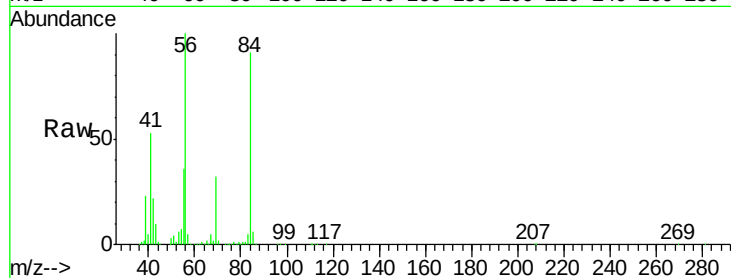
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.1	25.7	38.5	
84	89.3	70.0	105.0	

Manual Integrations
APPROVED

MMDadoda
6/3/2020 9:51:52 AM



#32

1,1,1-Trichloroethane

Concen: 49.563 ug/l

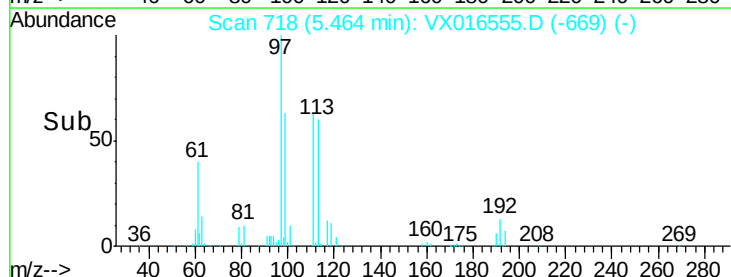
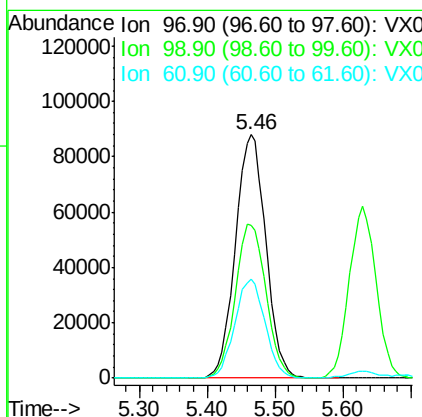
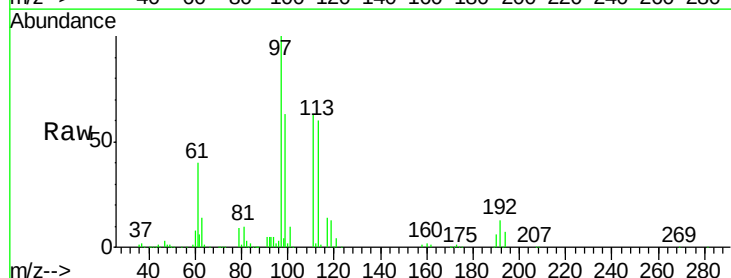
RT: 5.46 min Scan# 718

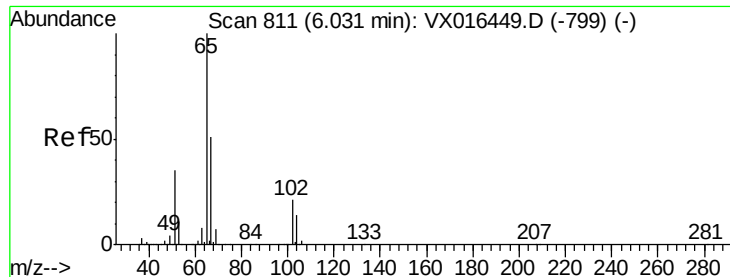
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.4	77.2	
61	40.5	33.5	50.3	





#33

1,2-Dichloroethane-d4

Concen: 48.705 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 190300

Ion Ratio Lower Upper

65 100

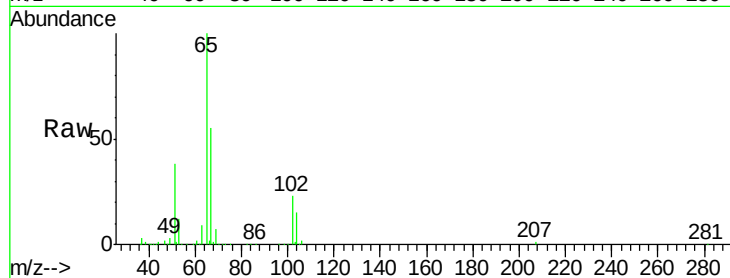
67 53.8 0.0 104.8

Manual Integrations

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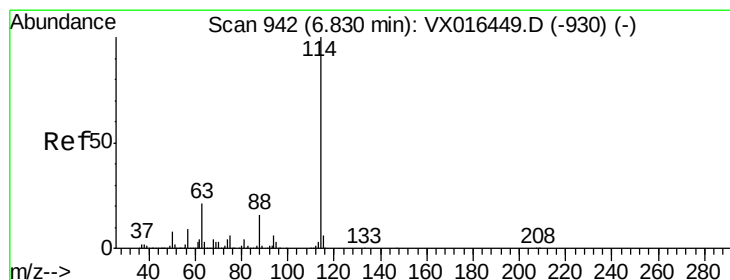
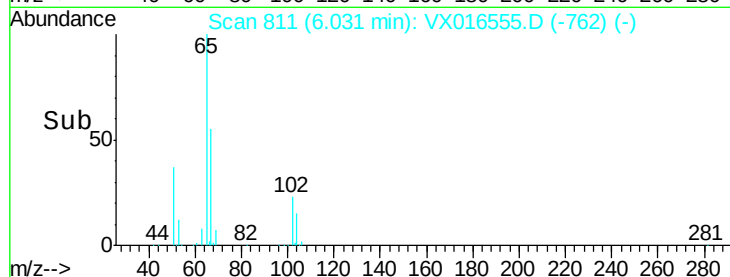
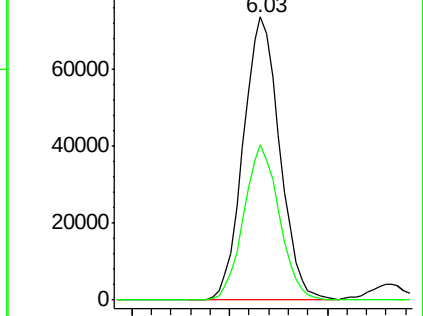
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

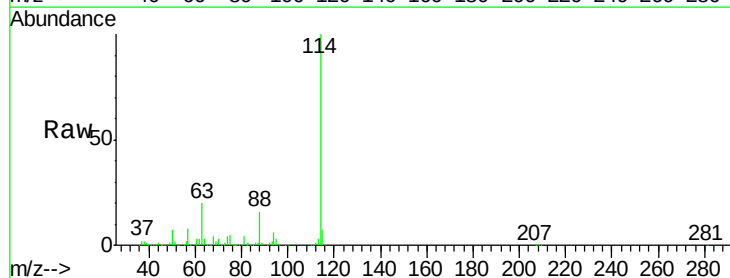
Tgt Ion: 114 Resp: 491635

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

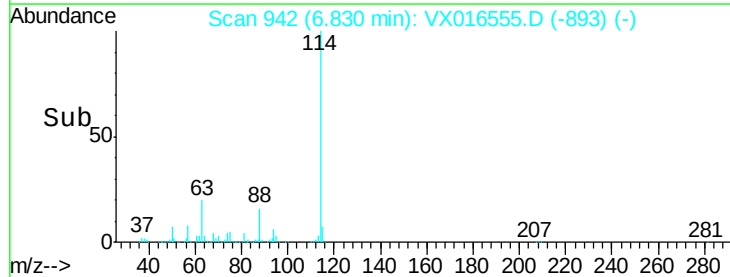
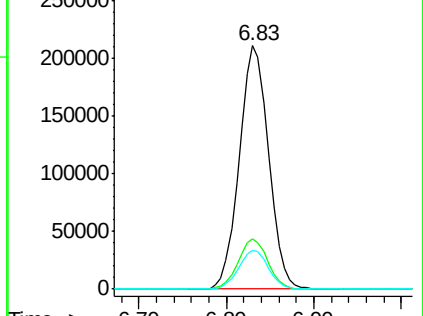
88 15.9 0.0 32.8

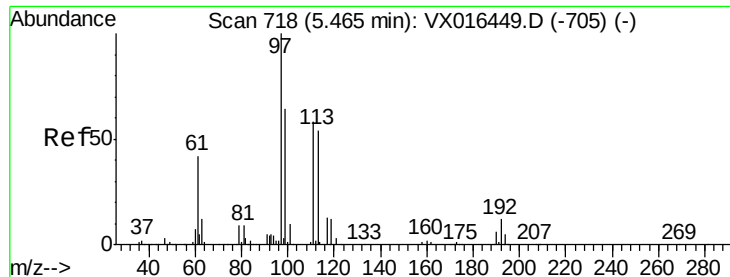


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





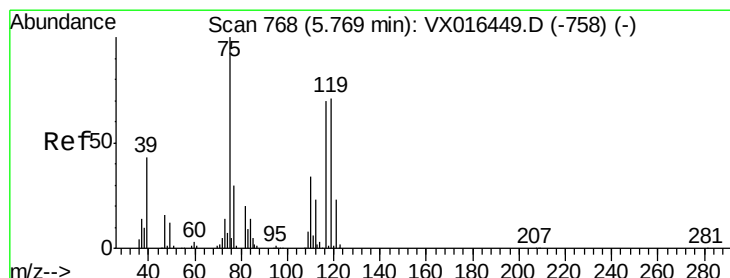
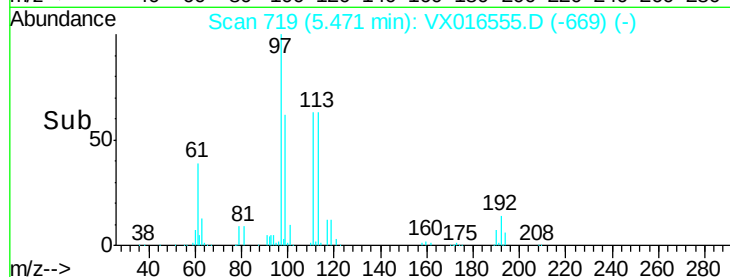
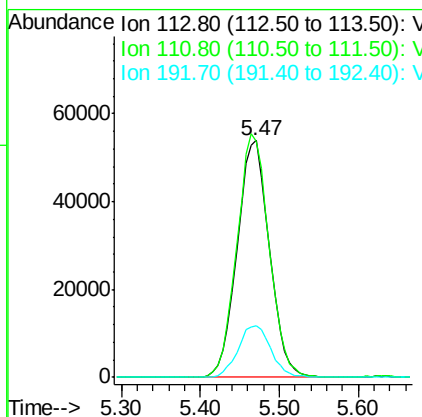
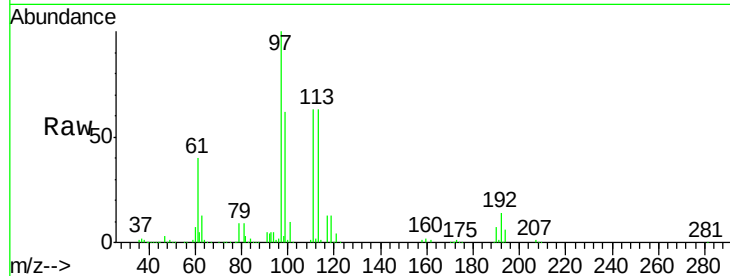
#35
 Dibromofluoromethane
 Concen: 50.684 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153431		
111	102.8	83.0	124.6	
192	22.3	17.7	26.5	

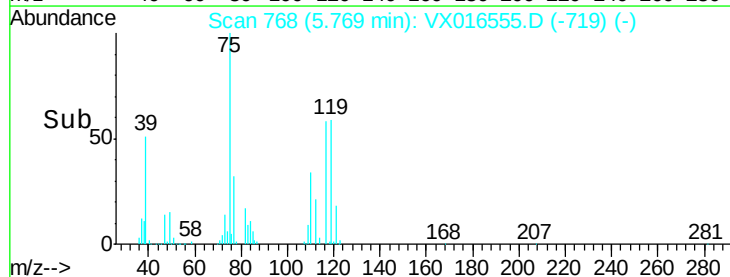
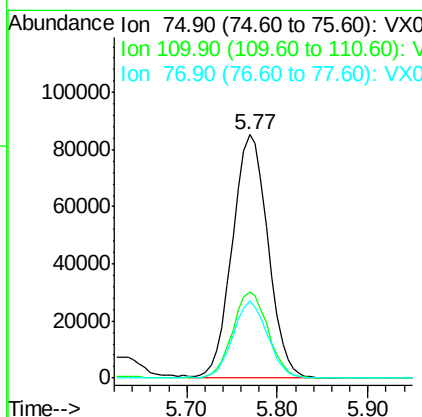
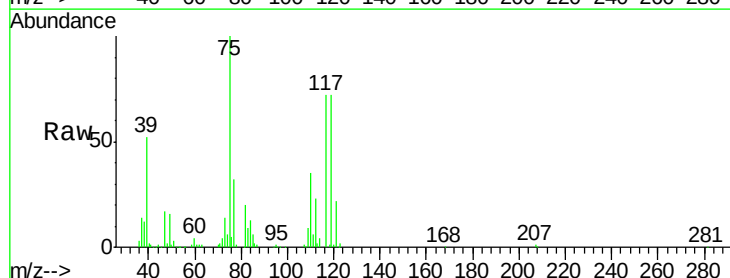
Manual Integrations
 APPROVED

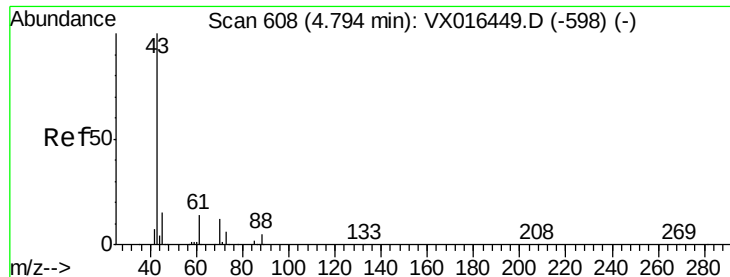
MMDadoda
 6/3/2020 9:51:52 AM



#36
 1,1-Dichloropropene
 Concen: 49.785 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231740		
110	35.5	17.4	52.3	
77	30.8	24.2	36.4	





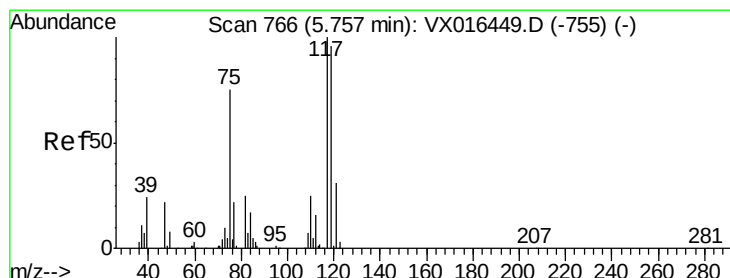
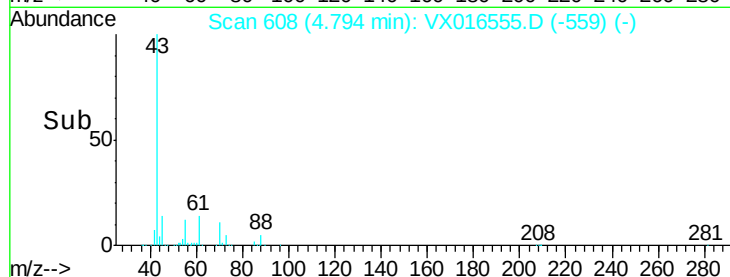
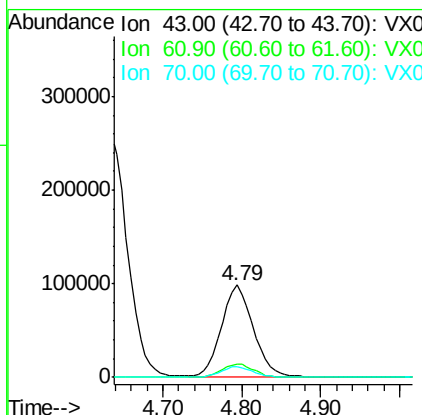
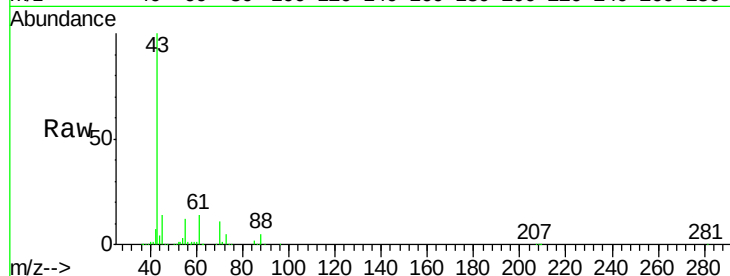
#37
Ethyl Acetate
Concen: 49.598 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.7	9.3	13.9

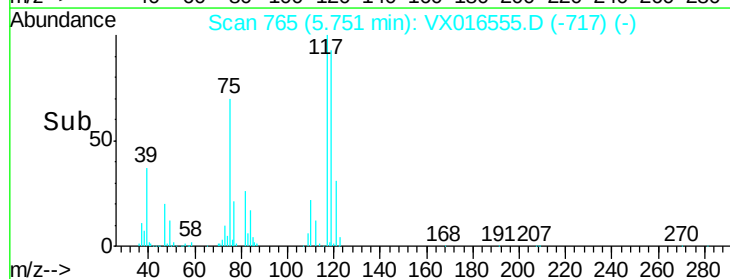
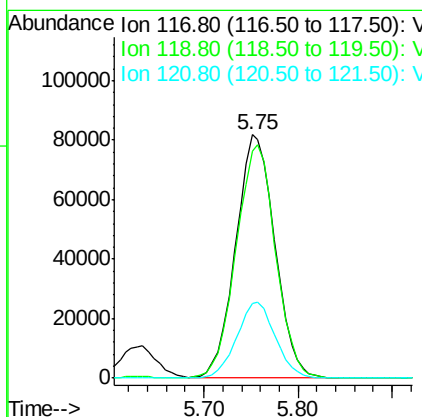
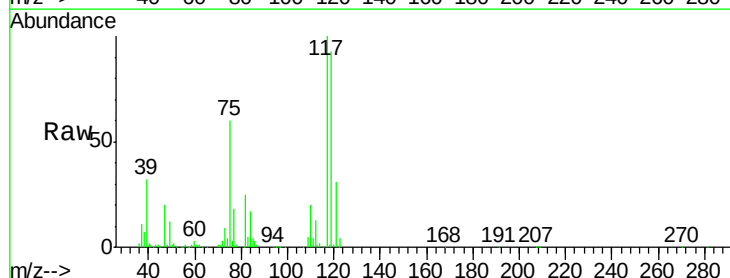
Manual Integrations
APPROVED

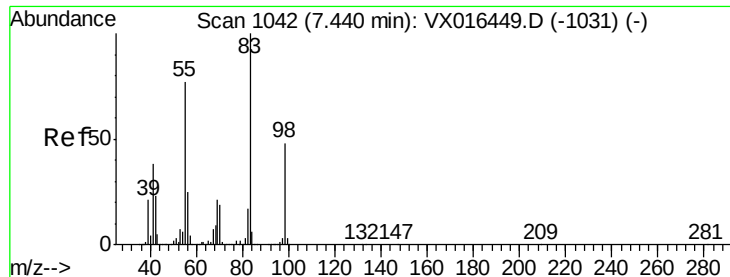
MMDadoda
6/3/2020 9:51:52 AM



#38
Carbon Tetrachloride
Concen: 48.465 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.3	114.5
121	30.9	24.6	37.0





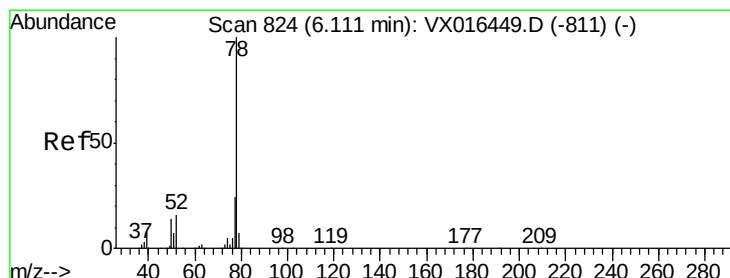
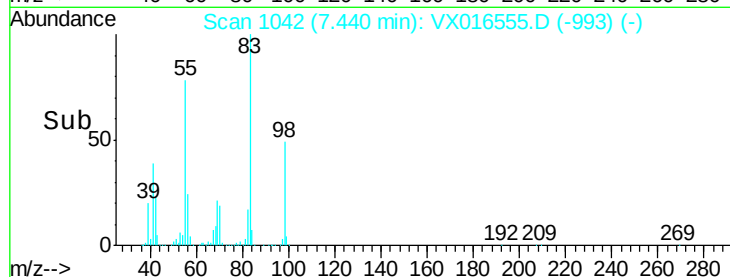
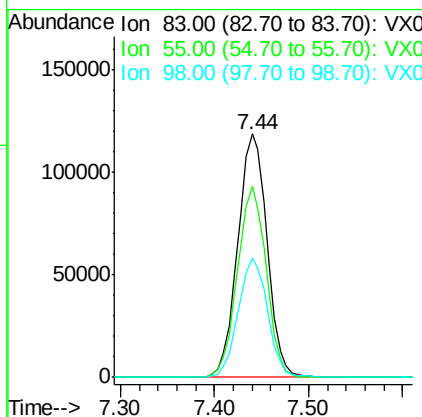
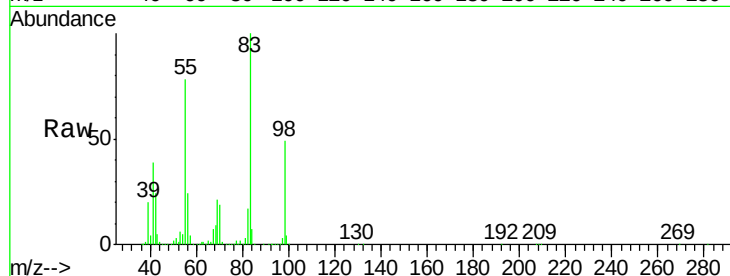
#39
Methylvlcyclohexane
Concen: 51.077 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	61.7	92.5
98	49.0	38.7	58.1

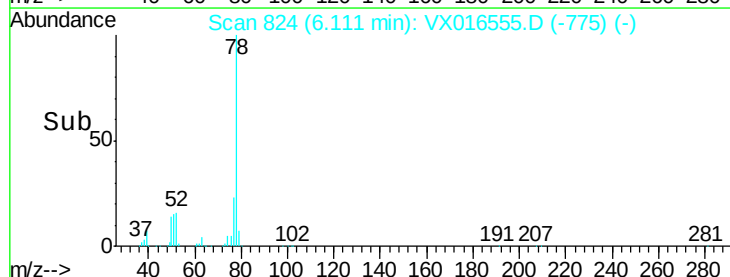
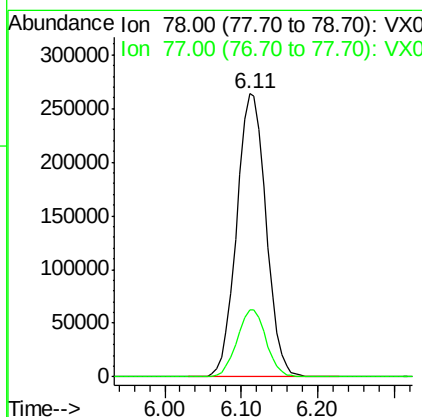
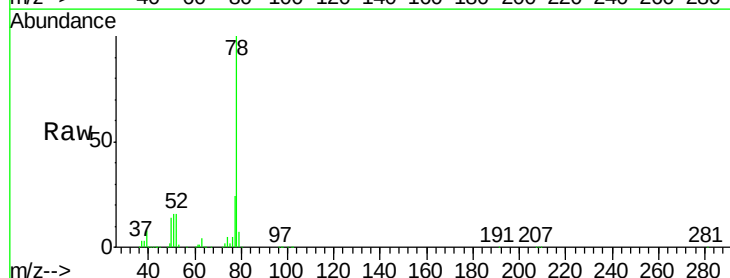
Manual Integrations
APPROVED

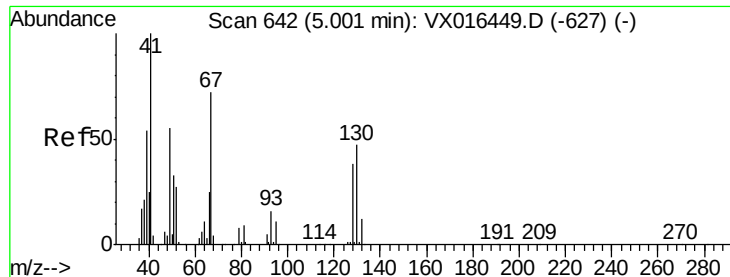
MMDadoda
6/3/2020 9:51:52 AM



#40
Benzene
Concen: 50.628 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





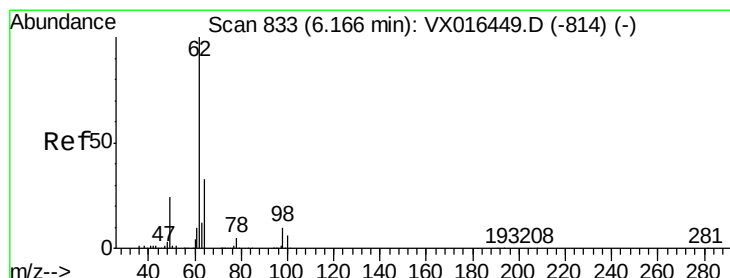
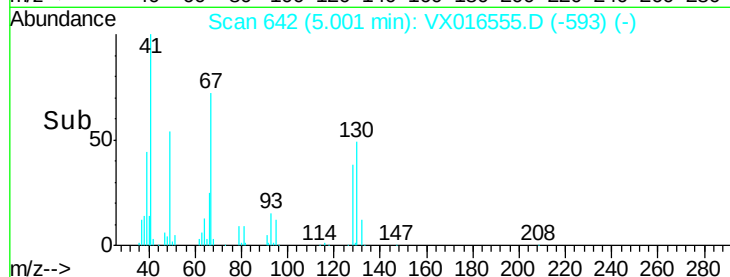
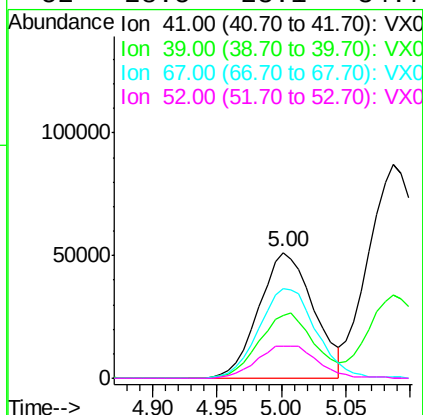
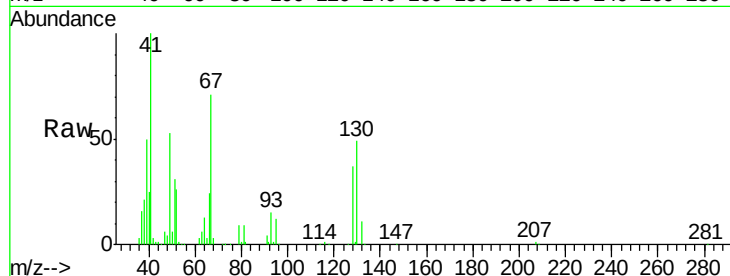
#41
Methacrylonitrile
Concen: 49.299 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		151333		
39	51.7	43.0	64.4		
67	74.6	58.9	88.3		
52	28.5	23.1	34.7		

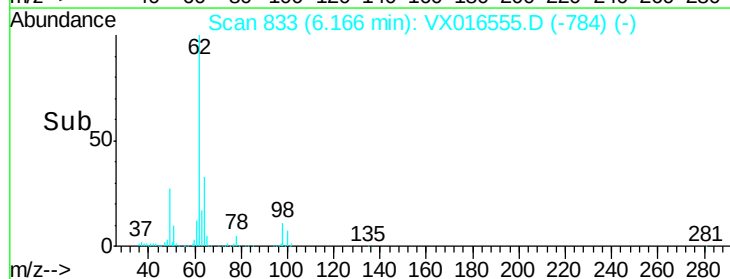
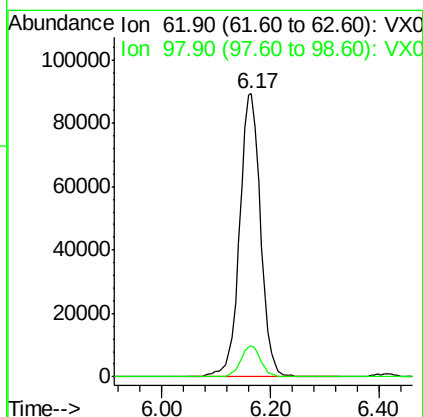
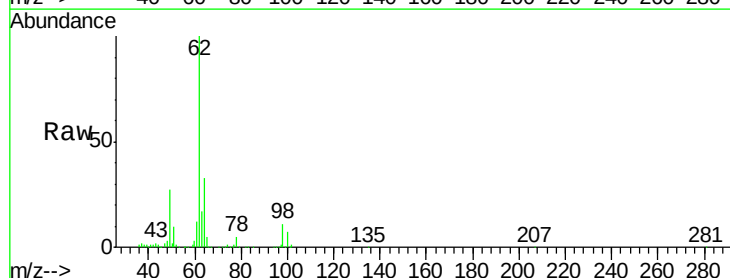
Manual Integrations
APPROVED

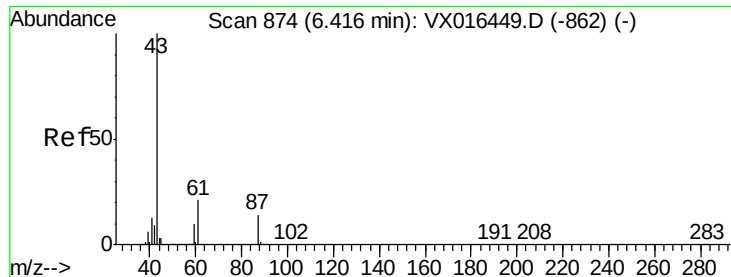
MMDadoda
6/3/2020 9:51:52 AM



#42
1,2-Dichloroethane
Concen: 48.545 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		239312		
98	10.5	0.0	19.8		





#43

Isopropyl Acetate

Concen: 50.472 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

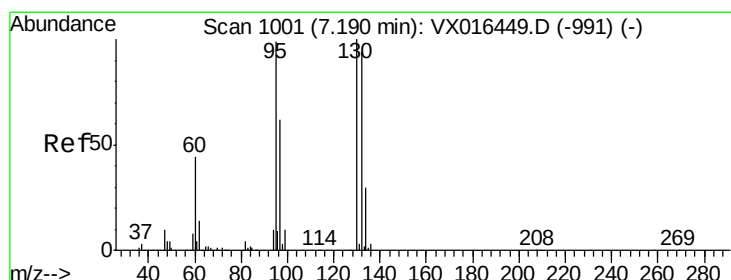
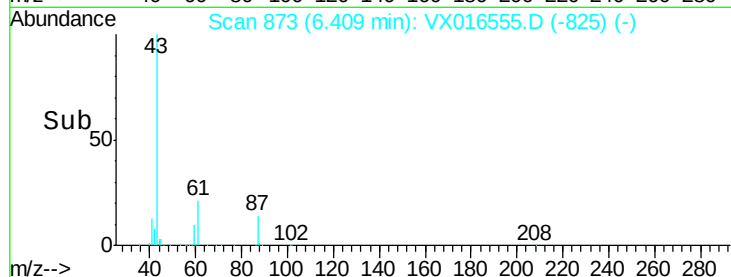
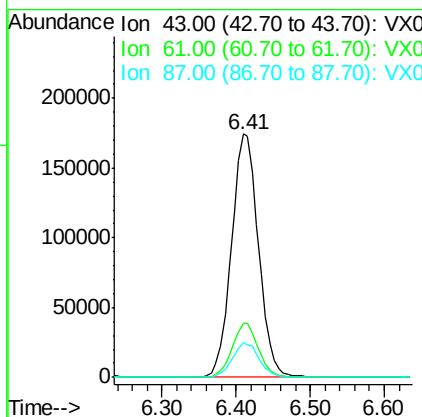
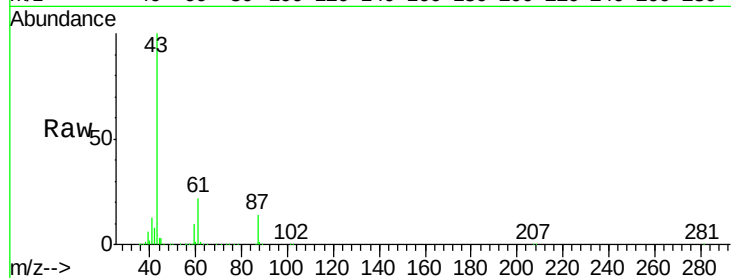
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	439968
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.8	25.2
87	14.1	11.2	16.8

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#44

Trichloroethene

Concen: 47.041 ug/l

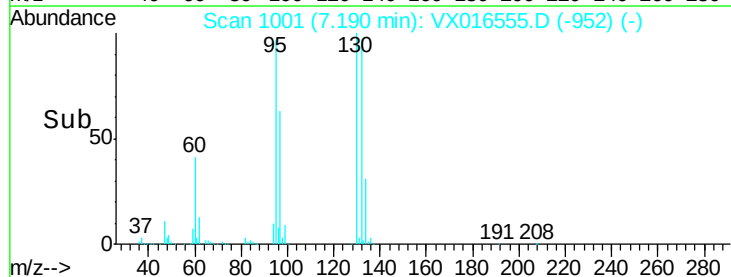
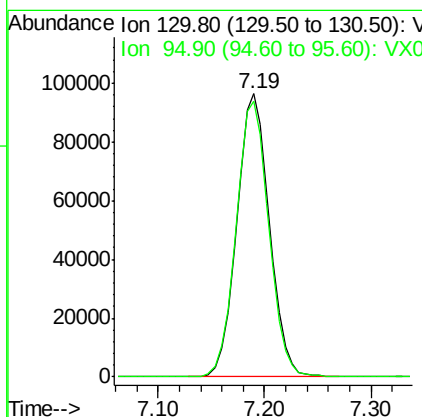
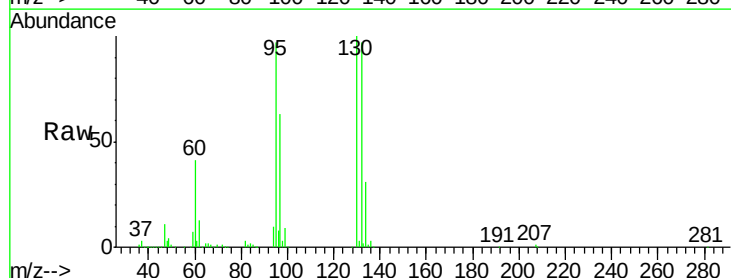
RT: 7.19 min Scan# 1001

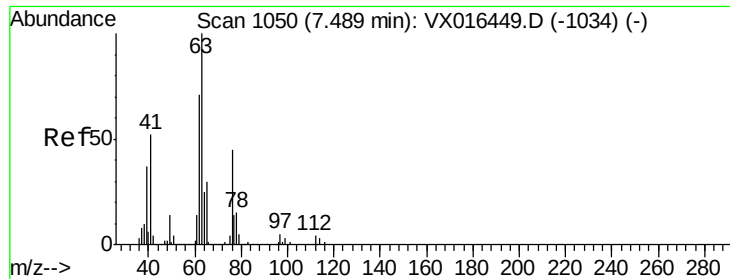
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	130	Resp:	206892
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	198.2





#45

1,2-Dichloropropane

Concen: 51.276 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 180951

Ion Ratio Lower Upper

63 100

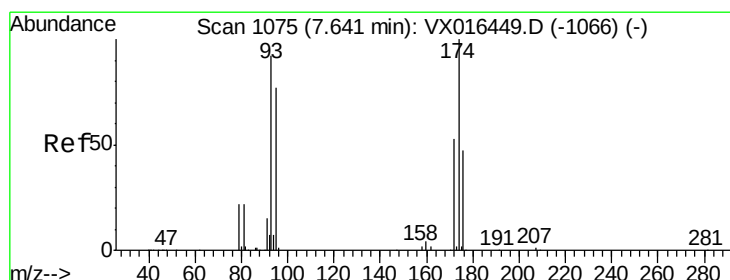
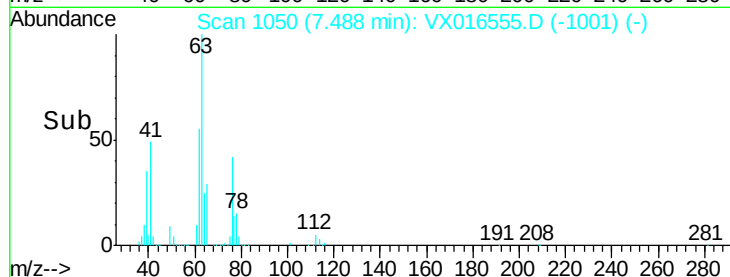
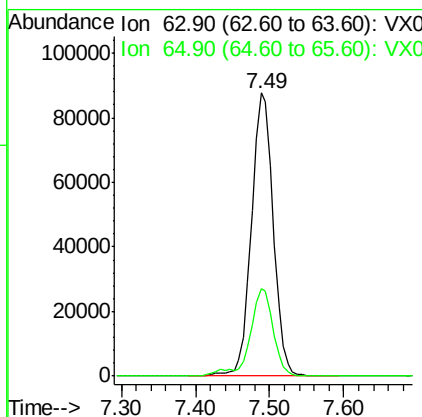
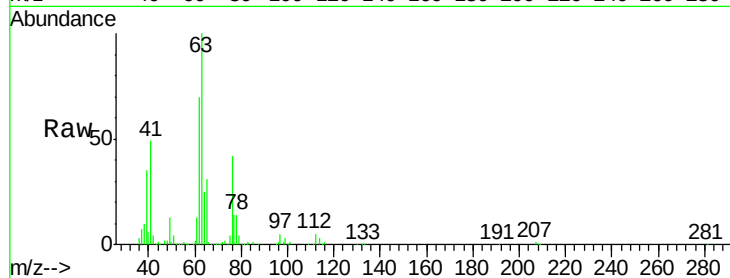
65 30.9 24.2 36.2

Manual Integrations

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6/3/2020 9:51:52 AM



#46

Dibromomethane

Concen: 50.021 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

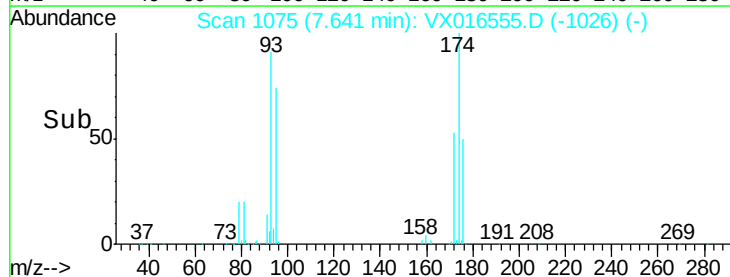
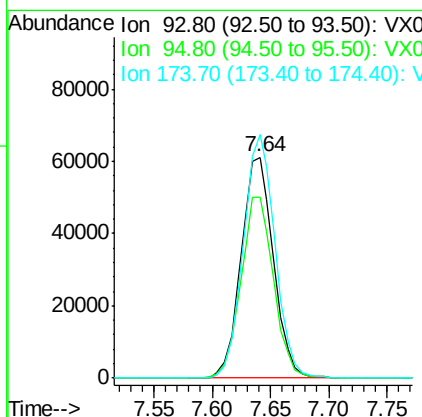
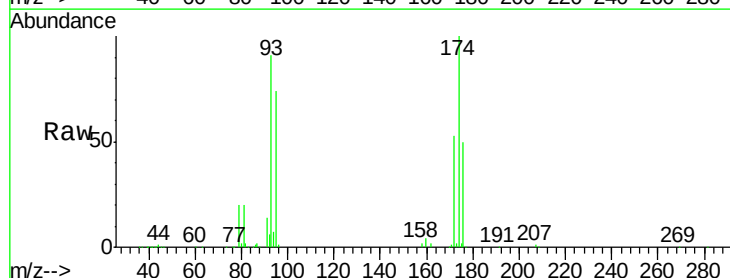
Tgt Ion: 93 Resp: 118564

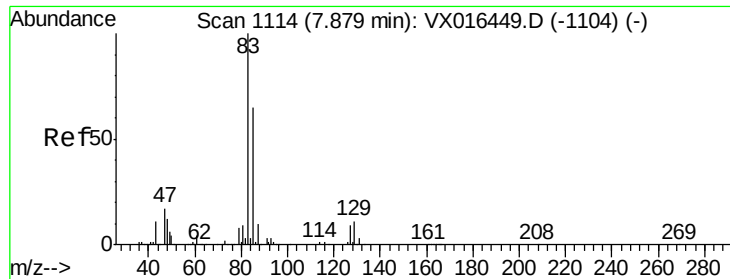
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 108.3 86.2 129.4





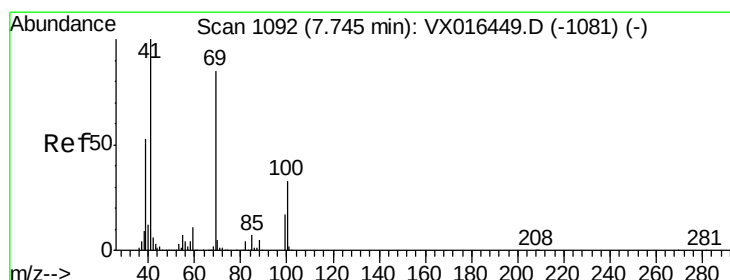
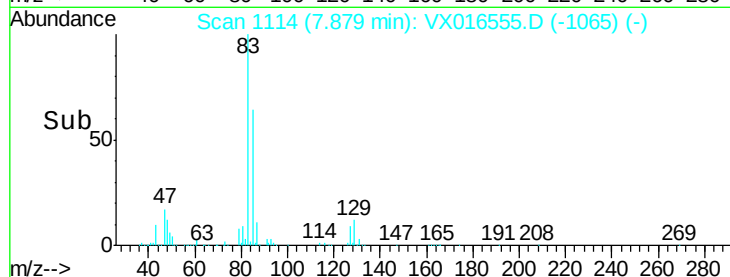
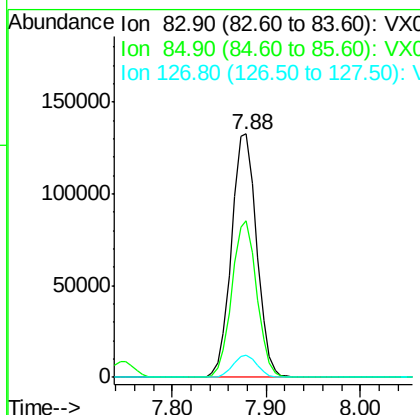
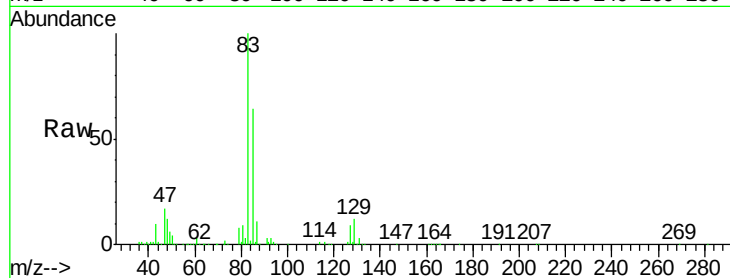
#47
Bromodichloromethane
Concen: 50.229 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.0	78.0
127	9.3	7.4	11.0

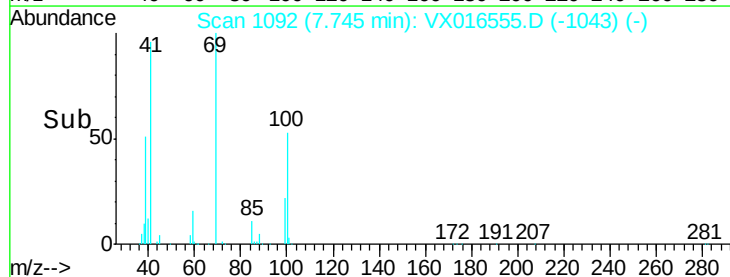
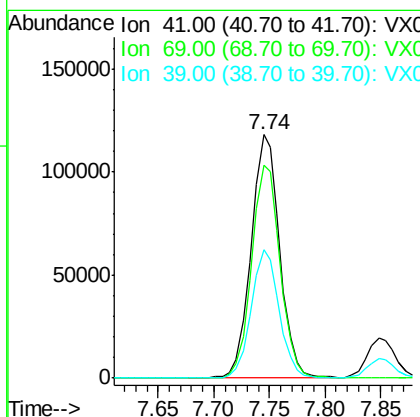
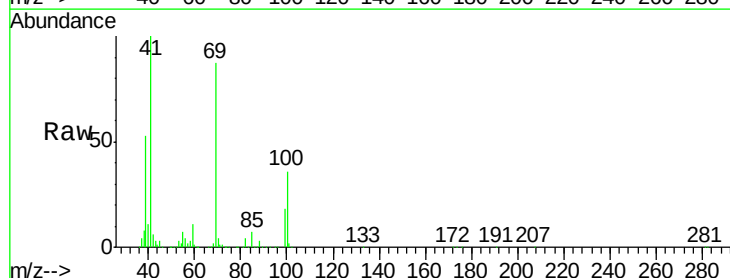
Manual Integrations
APPROVED

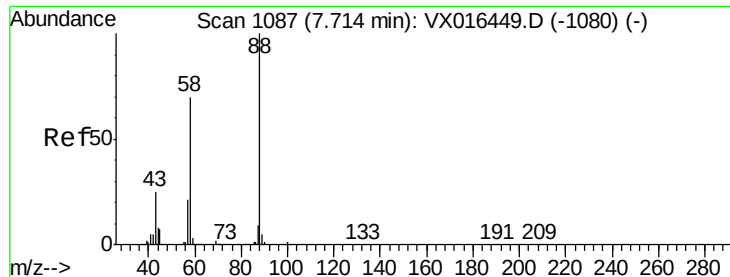
MMDadoda
6/3/2020 9:51:52 AM



#48
Methyl methacrylate
Concen: 50.457 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.9	68.6	102.8
39	51.5	42.4	63.6





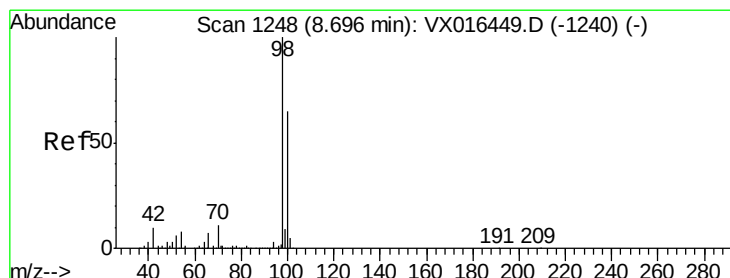
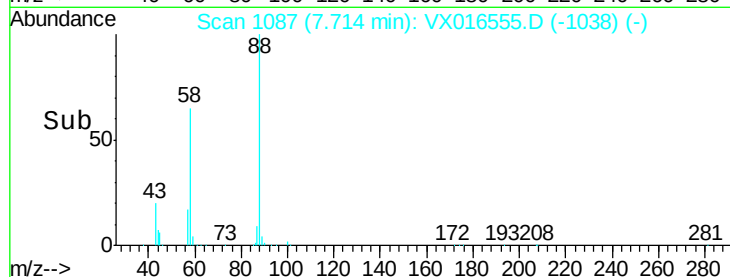
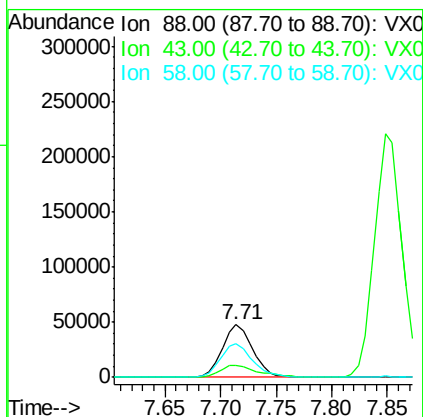
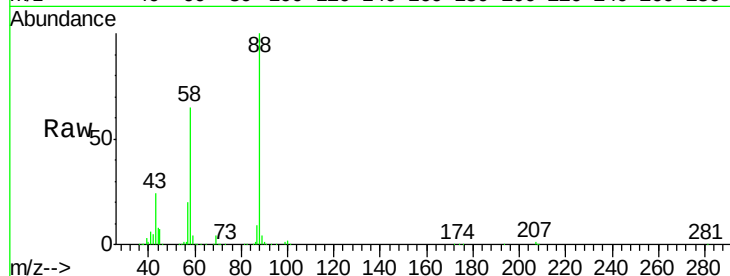
#49
 1,4-Dioxane
 Concen: 917.805 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	24.2	36.4
58	68.7	56.5	84.7

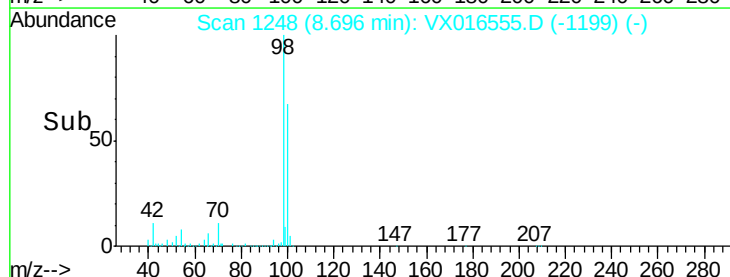
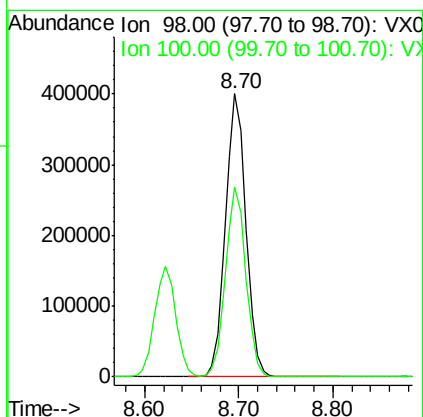
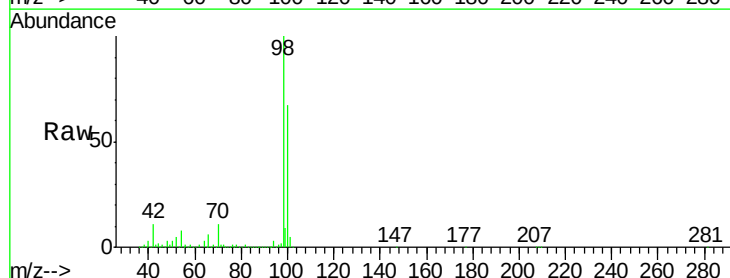
Manual Integrations
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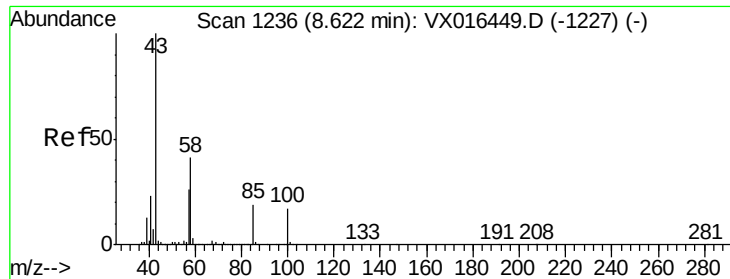
MMDadoda
 6/3/2020 9:51:52 AM



#50
 Toluene-d8
 Concen: 51.089 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 255.389 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1386204

Ion Ratio Lower Upper

43 100

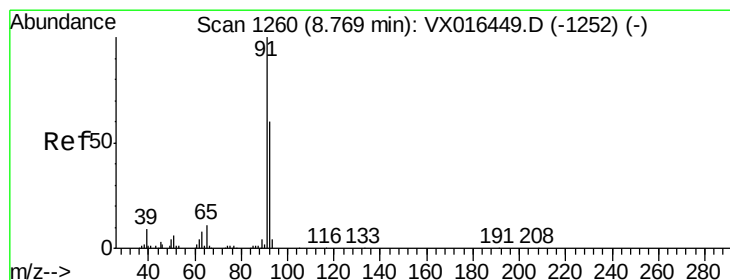
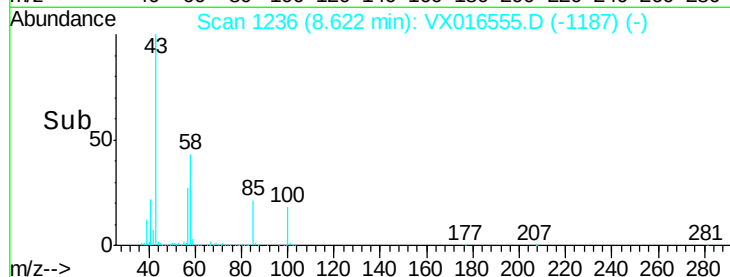
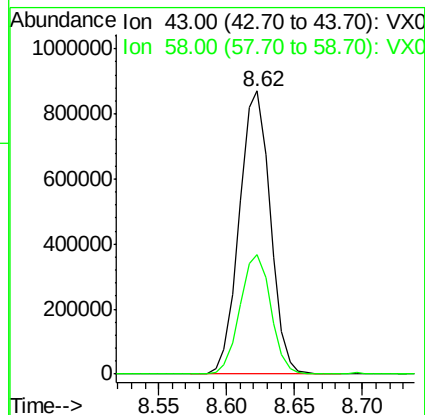
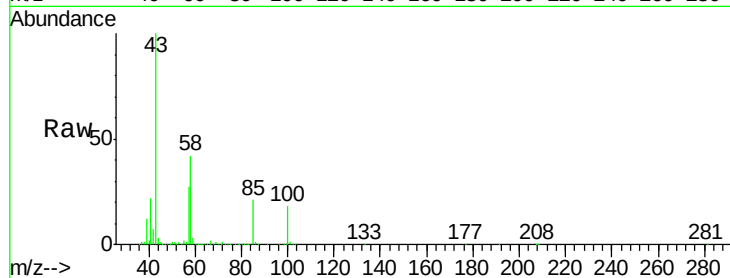
58 42.0 33.0 49.6

Manual Integrations

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#52

Toluene

Concen: 50.692 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016555.D

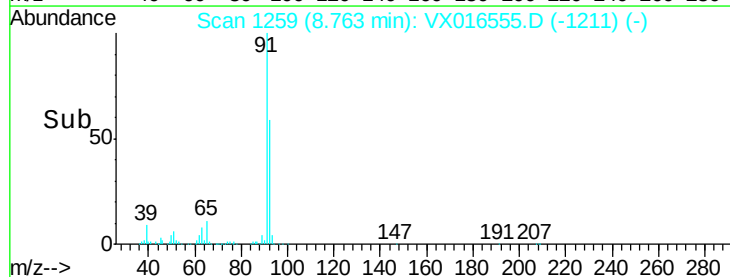
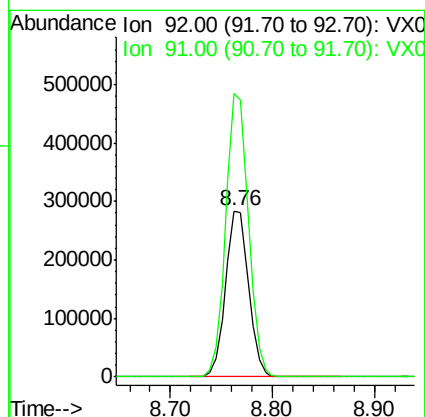
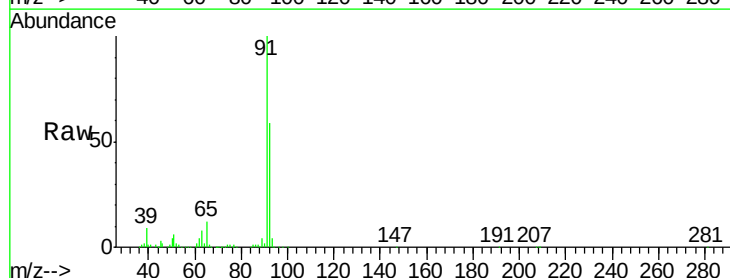
Acq: 02 Jun 2020 16:20

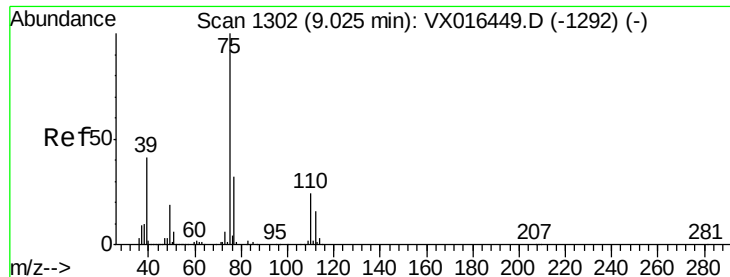
Tgt Ion: 92 Resp: 443110

Ion Ratio Lower Upper

92 100

91 168.6 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 52.276 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 291736

Ion Ratio Lower Upper

75 100

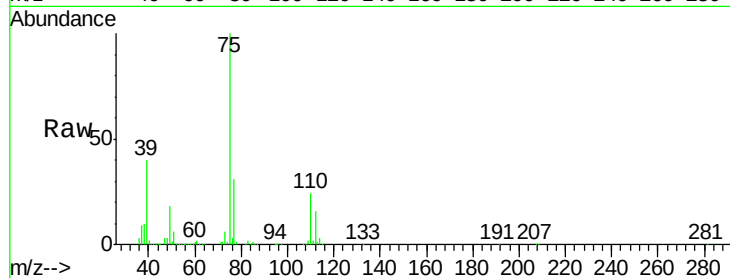
77 31.5 25.5 38.3

Manual Integrations

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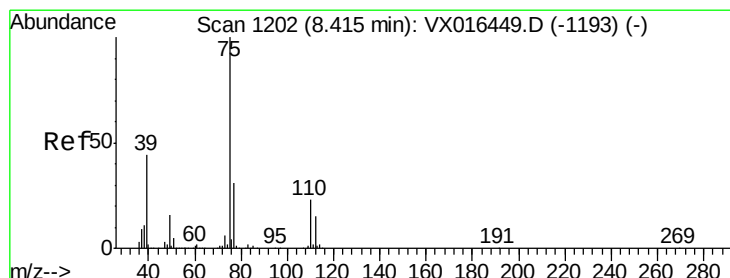
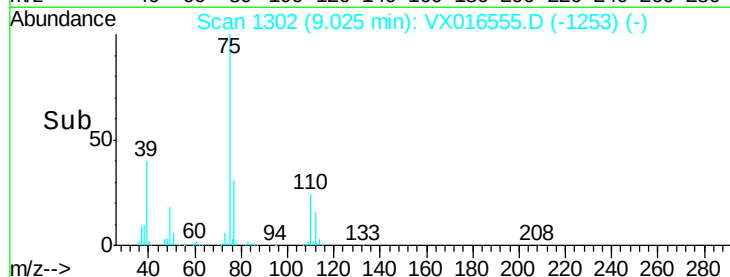
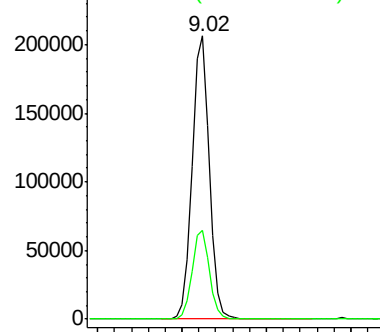
MMDadoda

6/3/2020 9:51:52 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.198 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

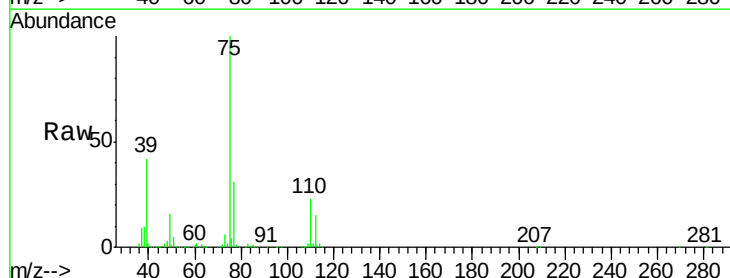
Tgt Ion: 75 Resp: 308332

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

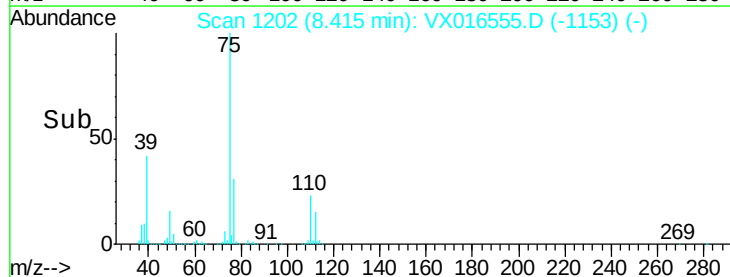
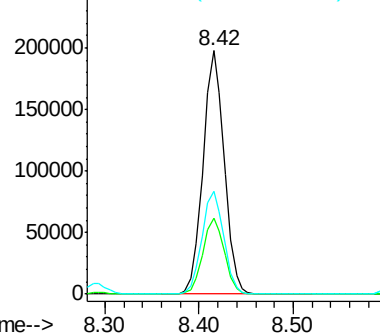
39 42.1 35.3 52.9

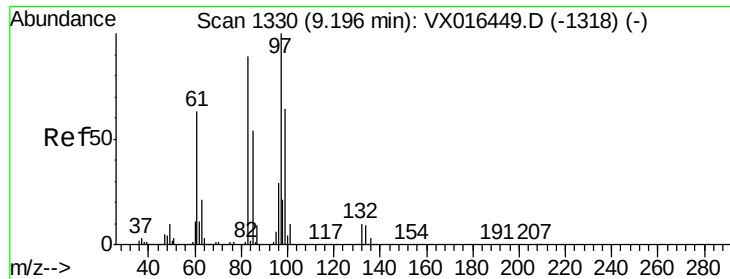


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





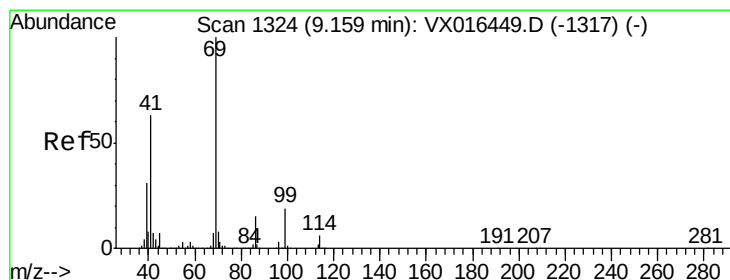
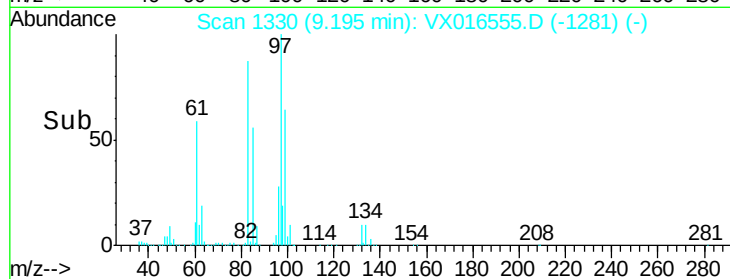
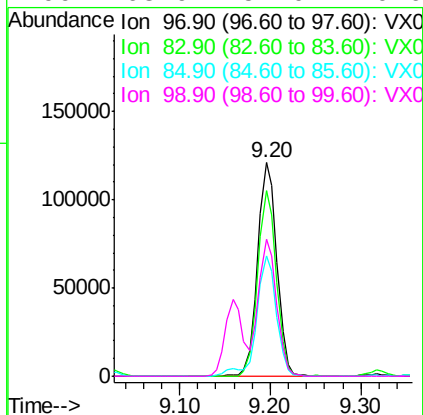
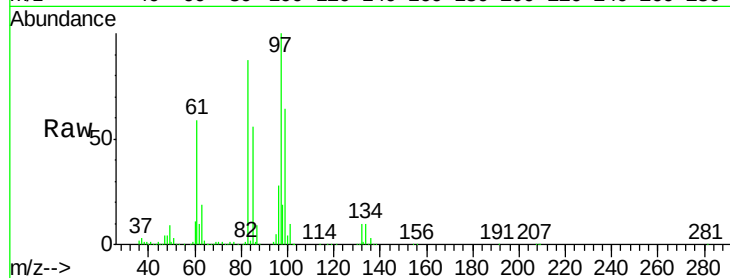
#55
 1,1,2-Trichloroethane
 Concen: 51.205 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		177964		
83	86.9	70.9	106.3		
85	56.2	43.4	65.2		
99	63.9	51.0	76.6		

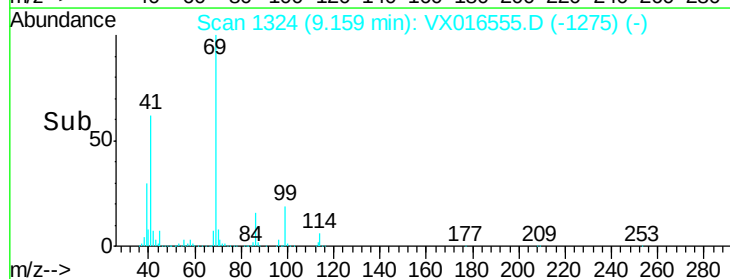
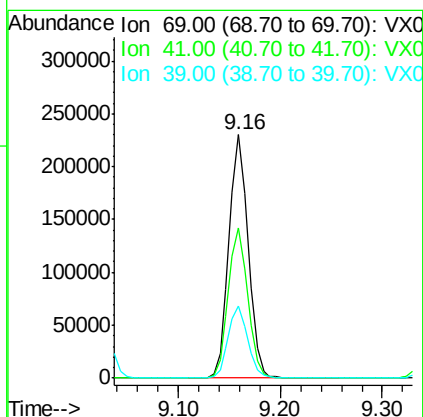
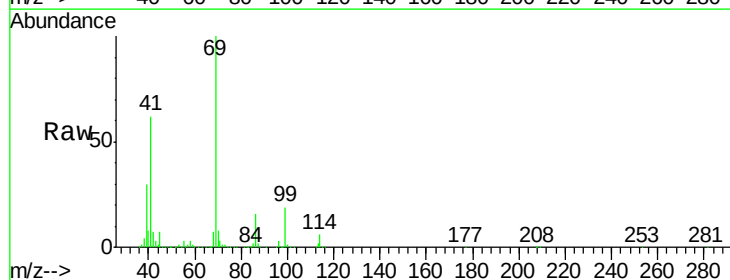
Manual Integrations
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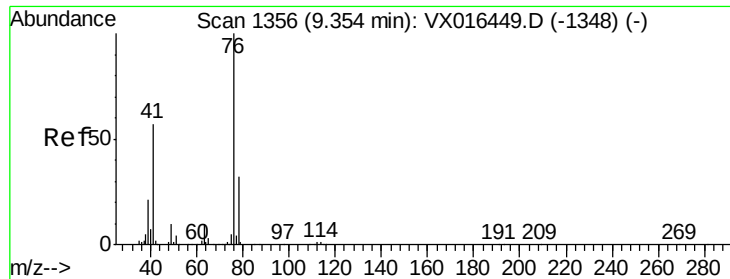
MMDadoda
 6/3/2020 9:51:52 AM



#56
 Ethyl methacrylate
 Concen: 53.006 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		300032		
41	62.4	50.7	76.1		
39	30.2	25.8	38.6		





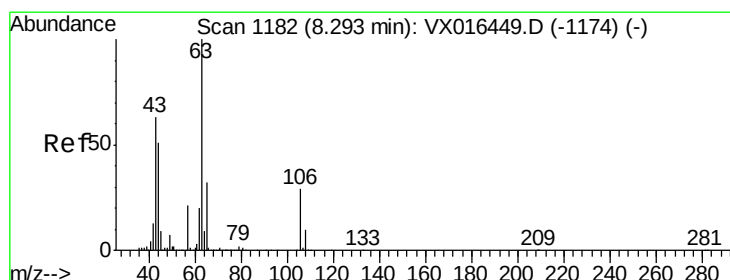
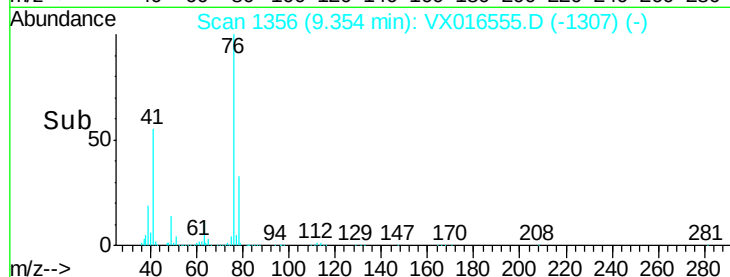
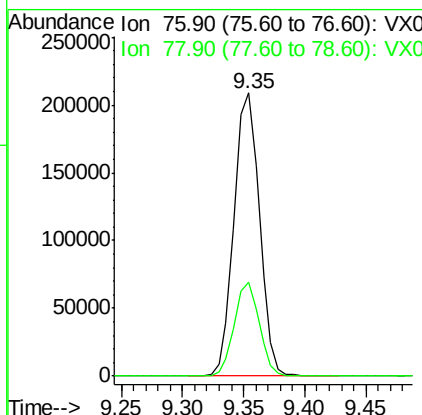
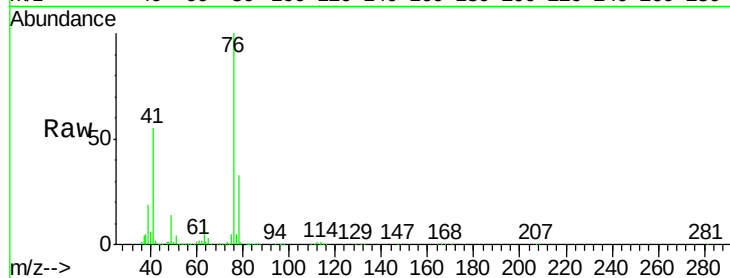
#57
 1,3-Dichloropropane
 Concen: 50.480 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

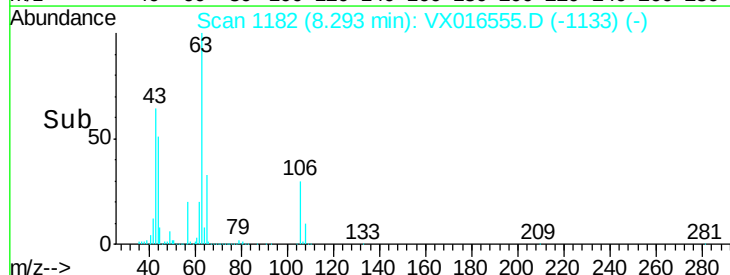
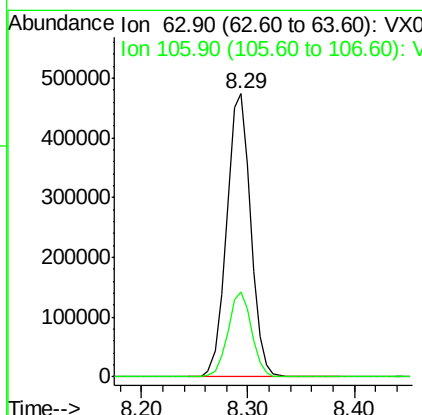
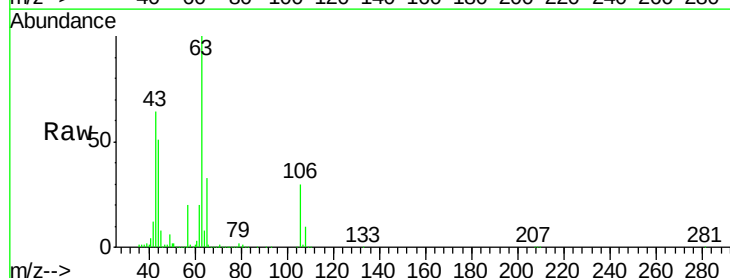
Manual Integrations
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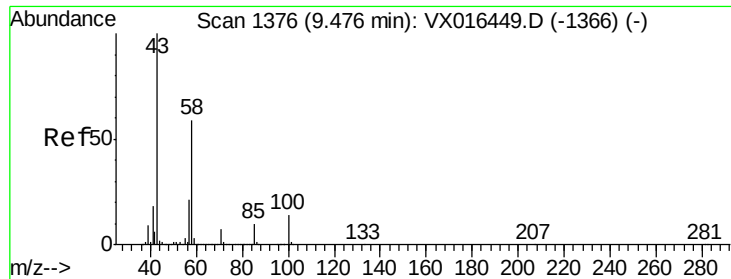
MMDadoda
 6/3/2020 9:51:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.095 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.2	34.8





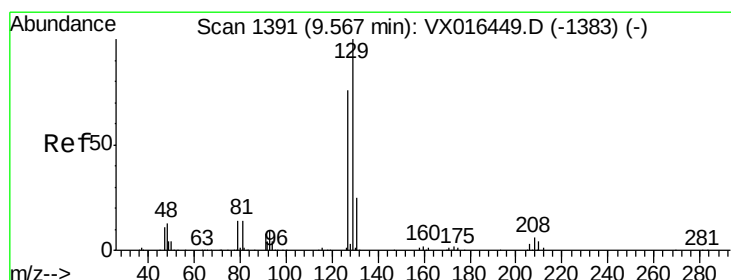
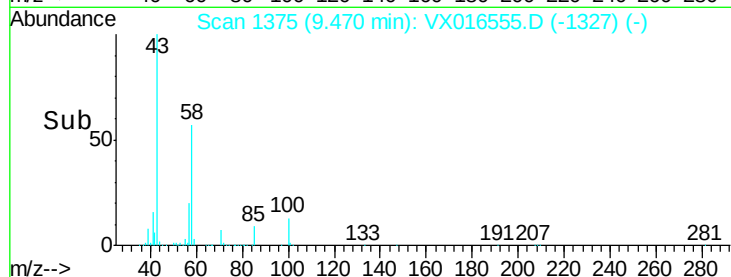
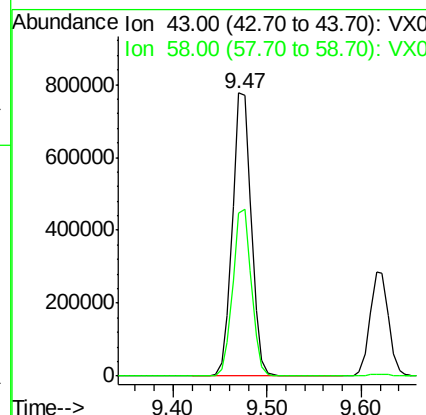
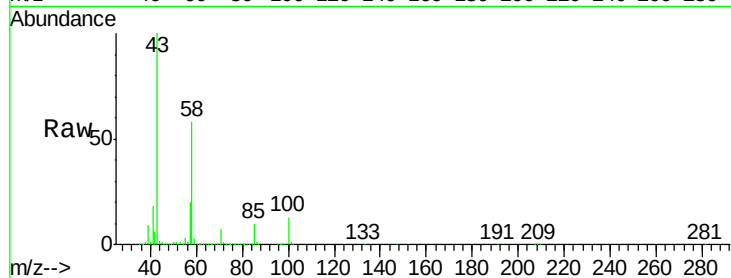
#59
2-Hexanone
Concen: 256.304 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1081855
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4

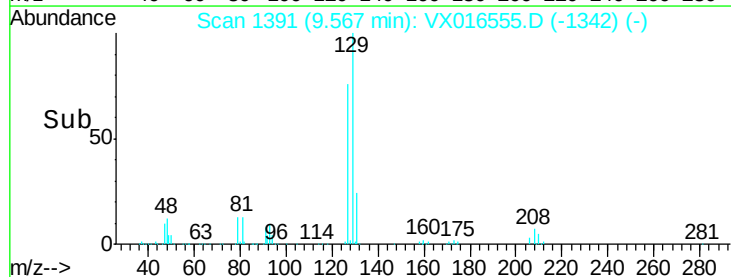
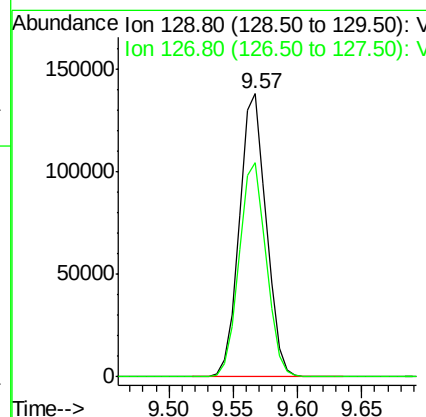
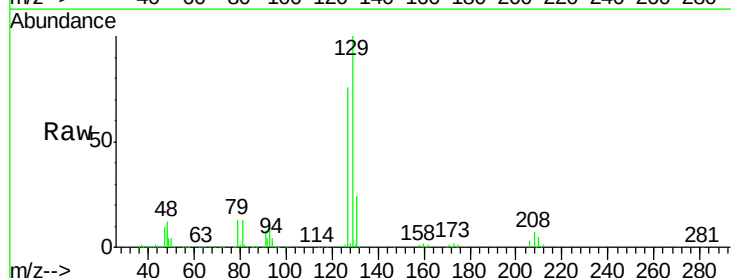
Manual Integrations
APPROVED

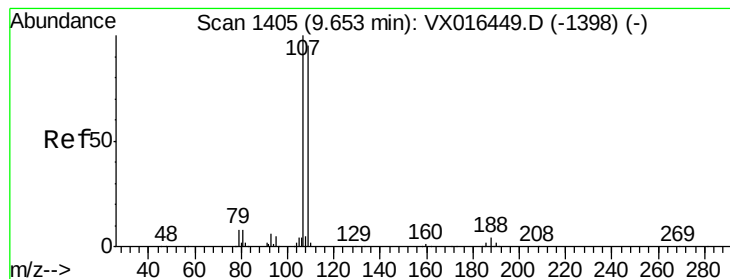
MMDadoda
6/3/2020 9:51:52 AM



#60
Dibromochloromethane
Concen: 51.197 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 129 Resp: 200244
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.947 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 189614

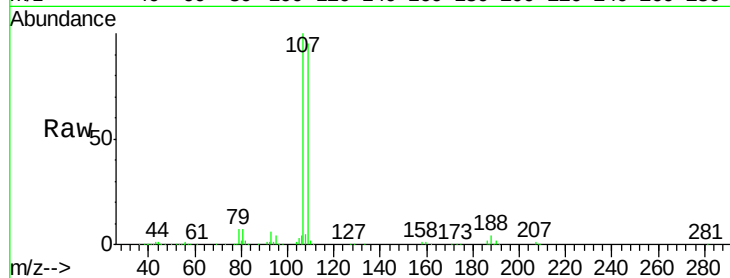
Ion Ratio Lower Upper

107 100

109 95.2 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

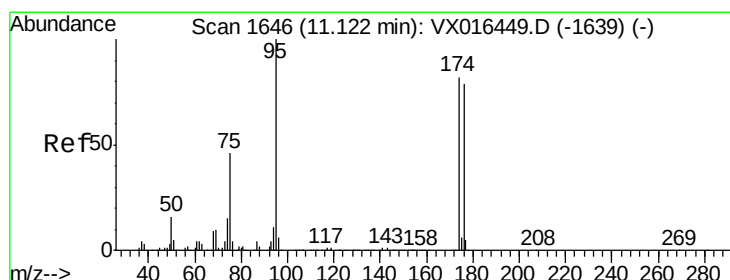
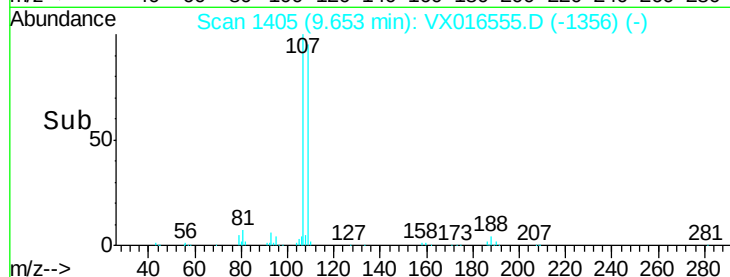
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.613 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

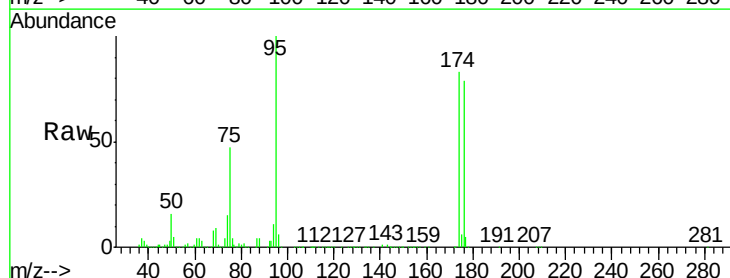
Tgt Ion: 95 Resp: 230431

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 78.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

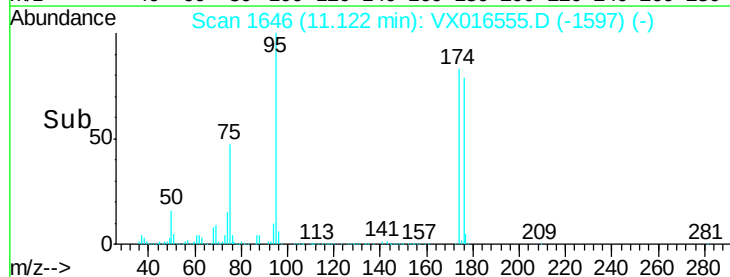
150000

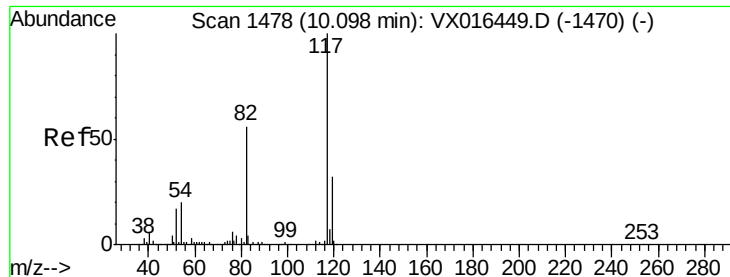
100000

50000

0

Time--> 11.10 11.20





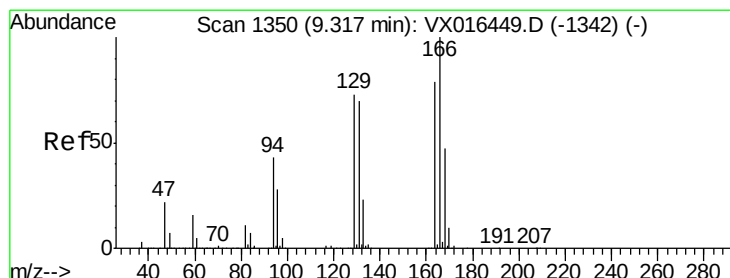
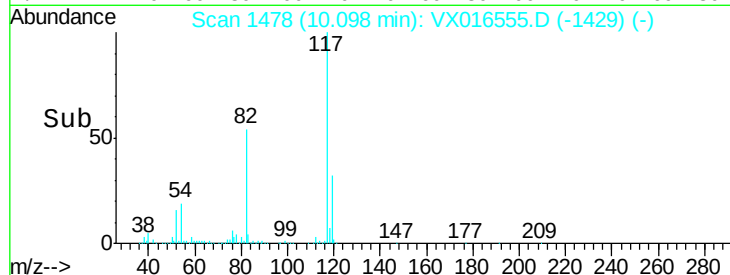
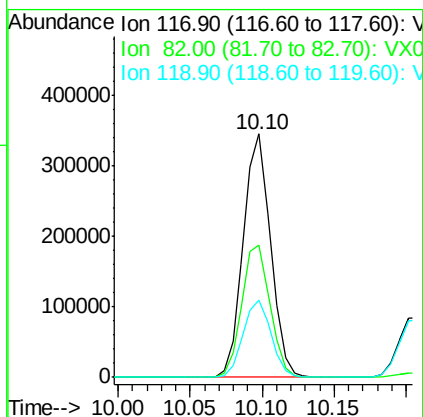
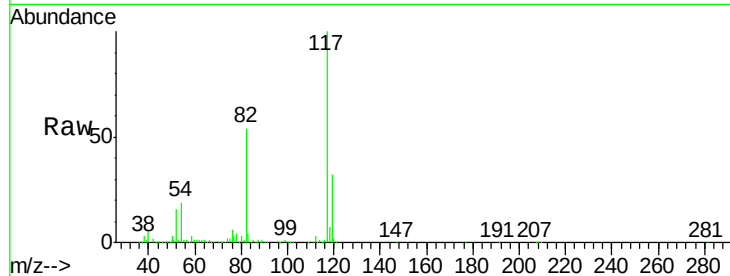
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	453807		
82	54.4	45.0	67.6	
119	31.5	25.8	38.8	

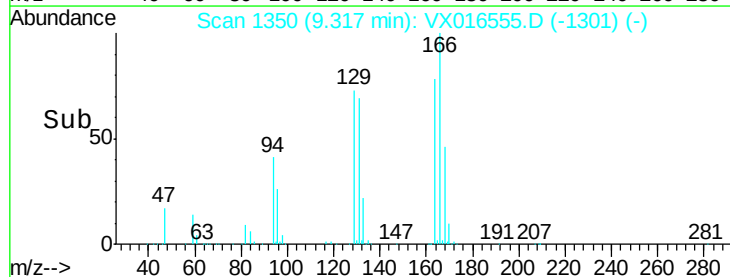
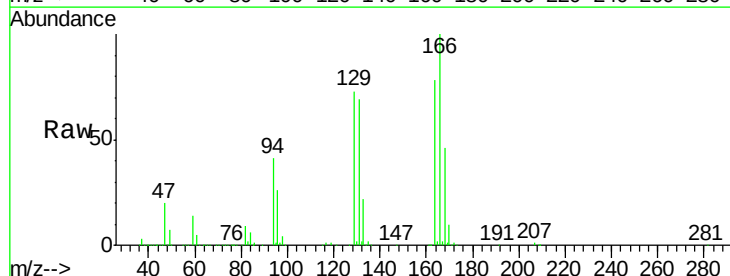
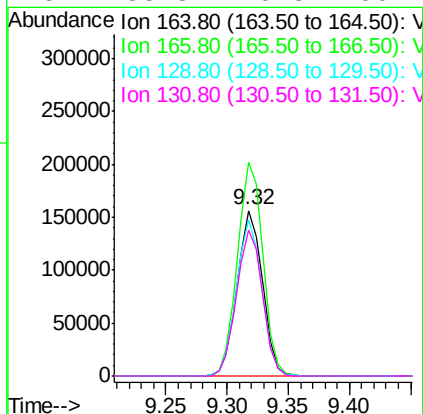
Manual Integrations
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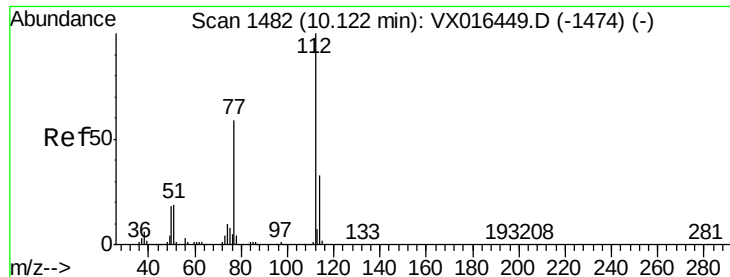
MMDadoda
6/3/2020 9:51:52 AM



#64
Tetrachloroethene
Concen: 44.059 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223695		
166	128.9	100.9	151.3	
129	94.0	73.2	109.8	
131	88.3	70.8	106.2	





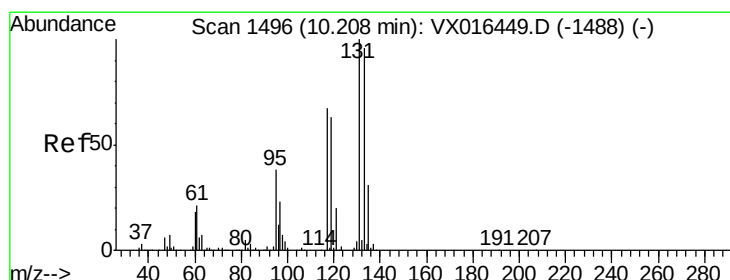
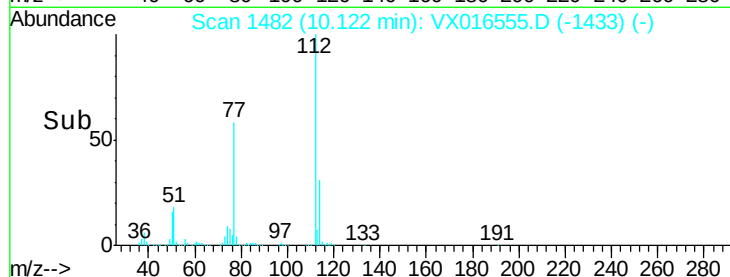
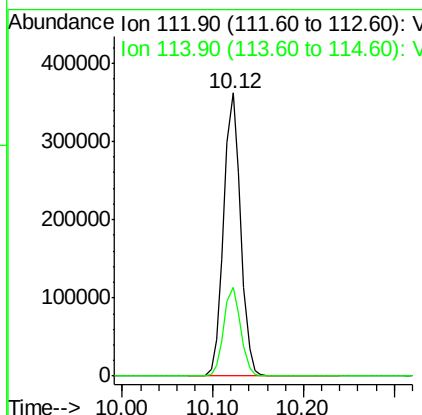
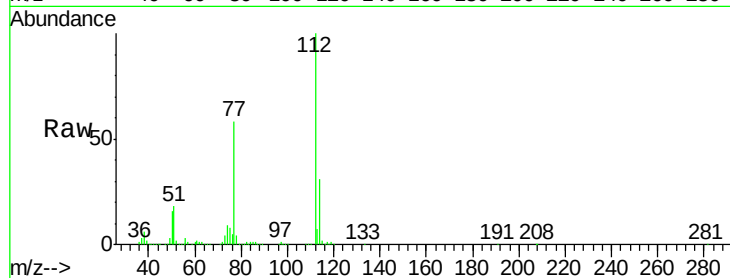
#65
Chlorobenzene
Concen: 50.999 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 471833
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0

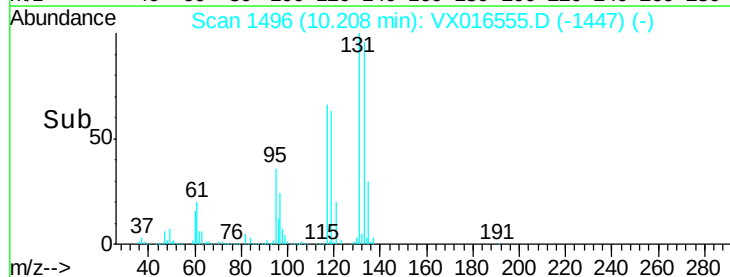
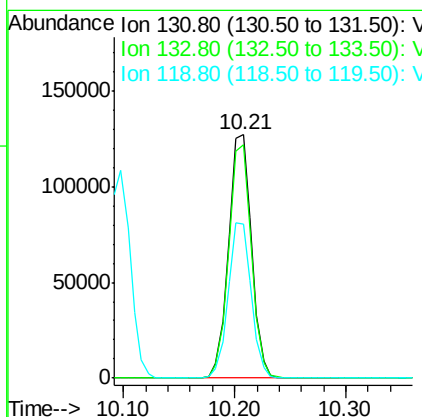
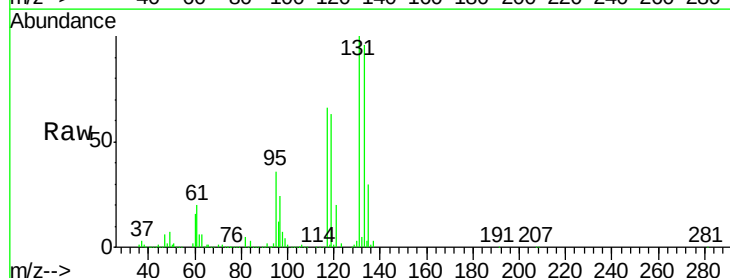
Manual Integrations
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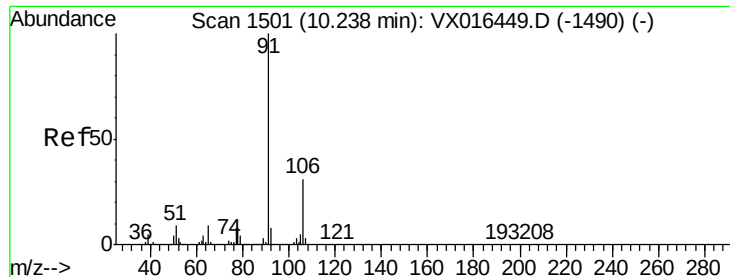
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.260 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion:131 Resp: 181035
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.3
119 63.9 32.0 96.2





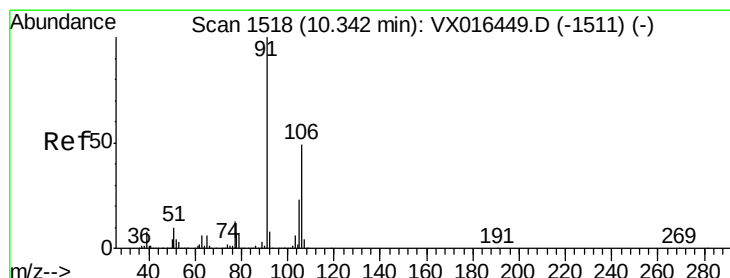
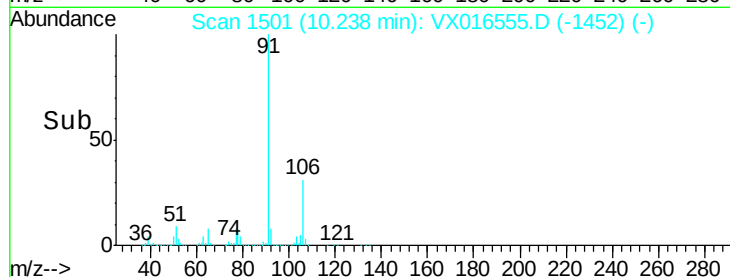
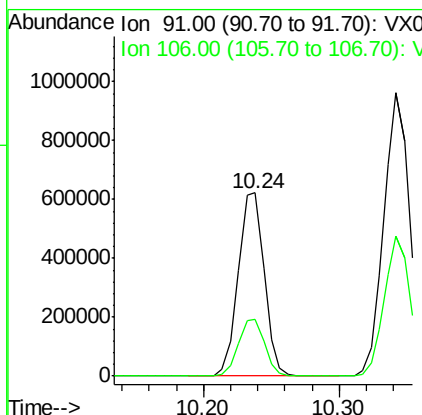
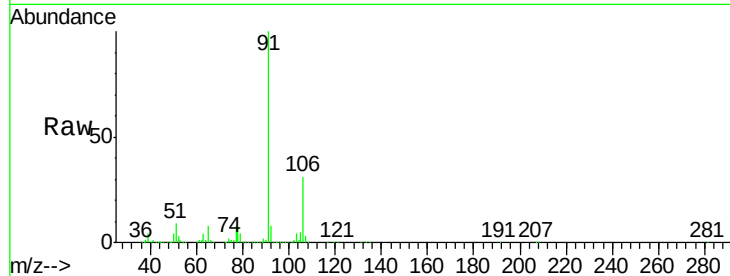
#67
Ethyl Benzene
Concen: 50.531 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 832356
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

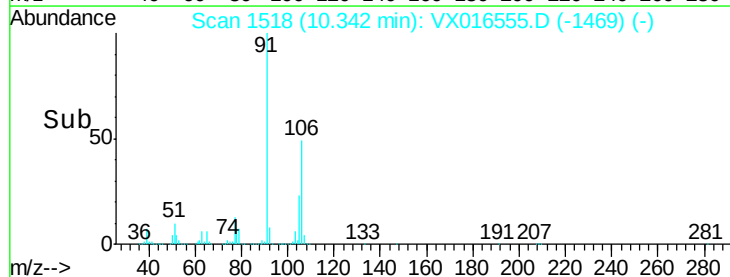
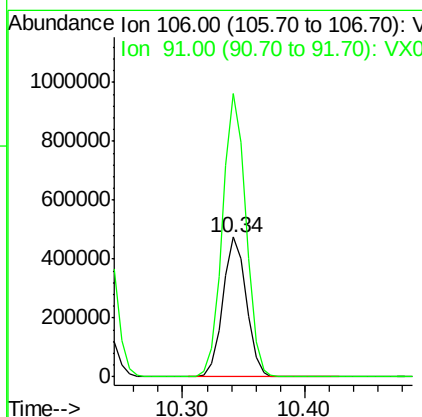
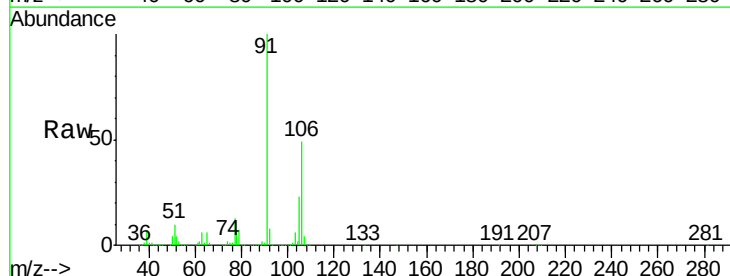
Manual Integrations
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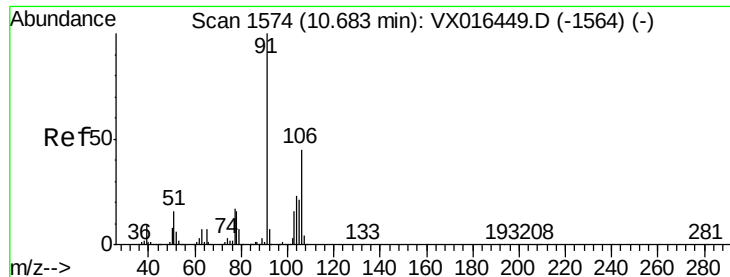
MMDadoda
6/3/2020 9:51:52 AM



#68
m/p-Xylenes
Concen: 103.410 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion: 106 Resp: 631573
Ion Ratio Lower Upper
106 100
91 202.3 163.8 245.8





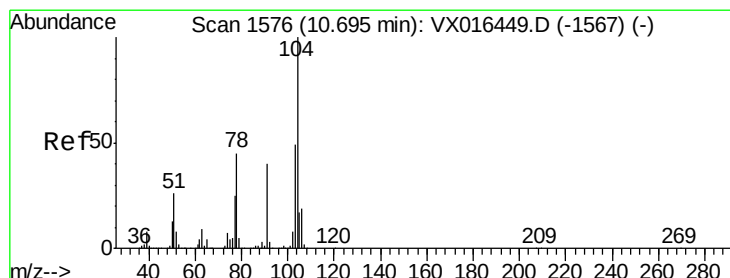
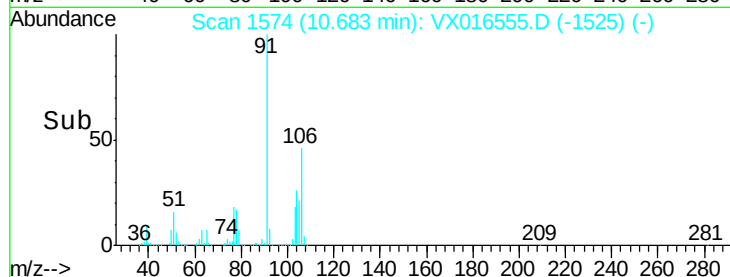
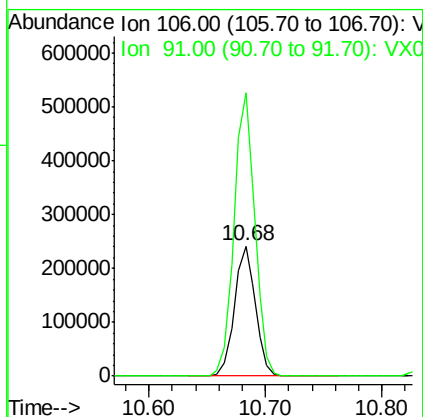
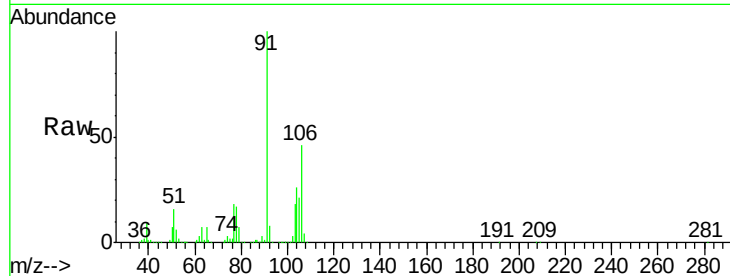
#69
o-Xylene
Concen: 50.994 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.3	109.6	301618	328.8	

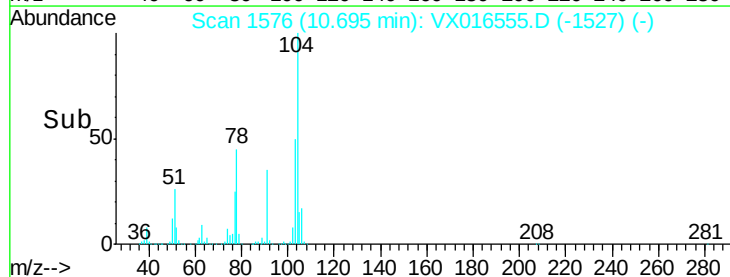
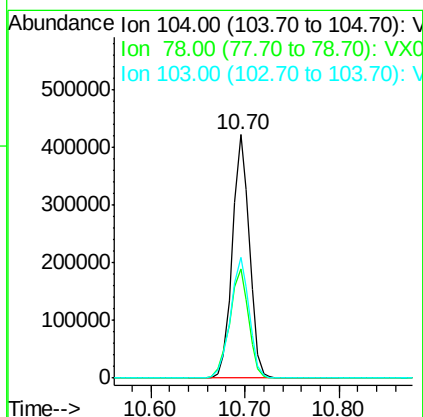
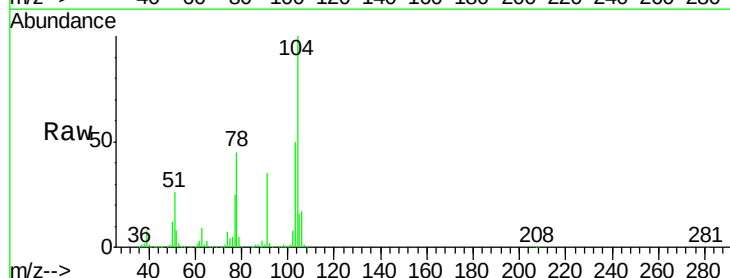
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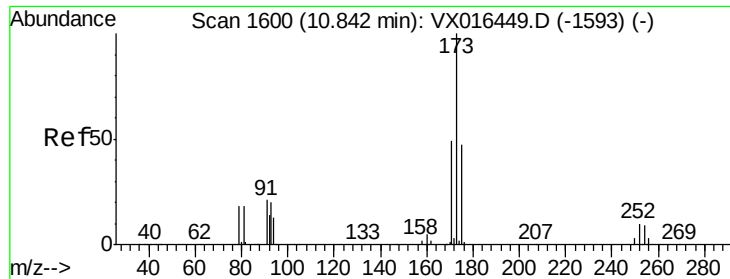
MMDadoda
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#70
Styrene
Concen: 52.066 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.7	40.2	529335	60.2	
103	54.3	43.1		64.7	





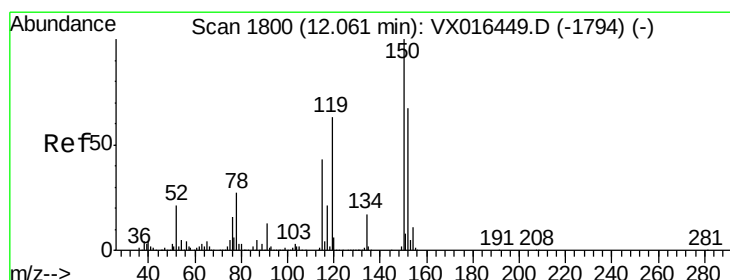
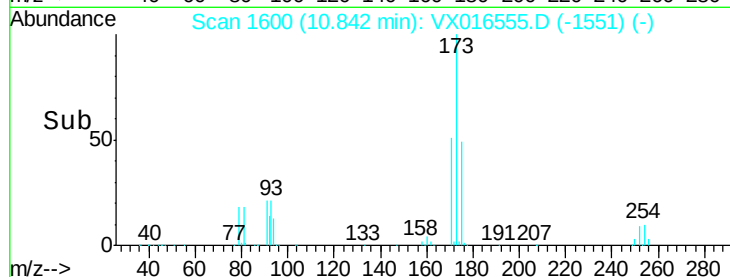
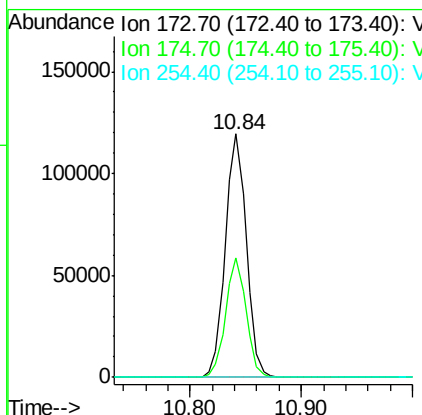
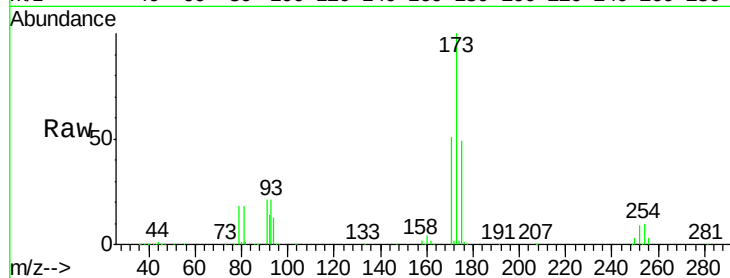
#71
Bromoform
Concen: 52.279 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.9	71.7
254	0.0	0.1	0.1#

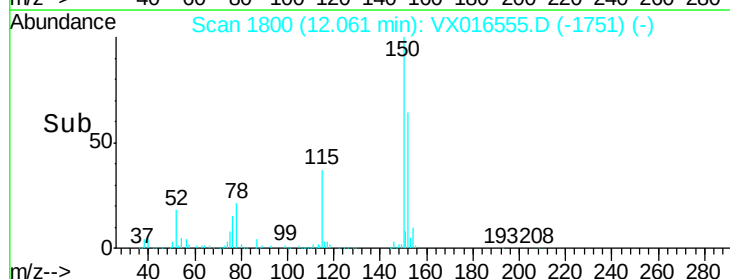
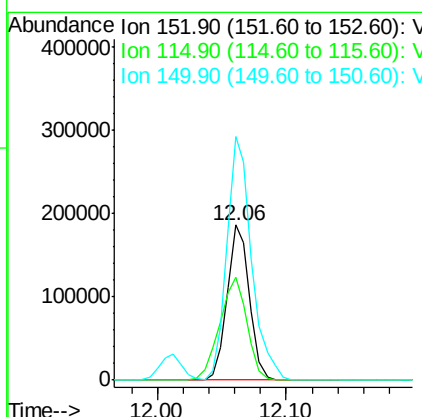
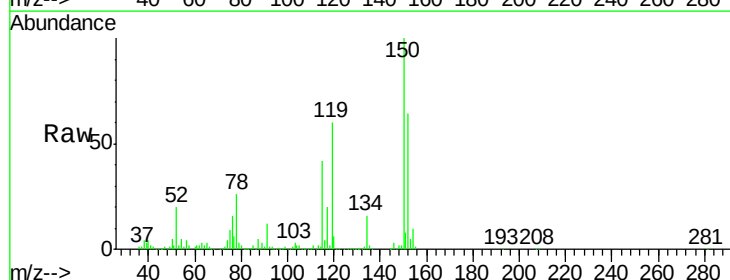
Manual Integrations
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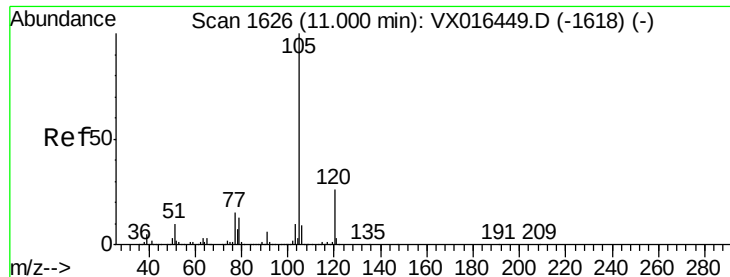
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.0	39.9	119.6
150	173.7	0.0	341.0





#73

Isopropylbenzene

Concen: 50.961 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 799514

Ion Ratio Lower Upper

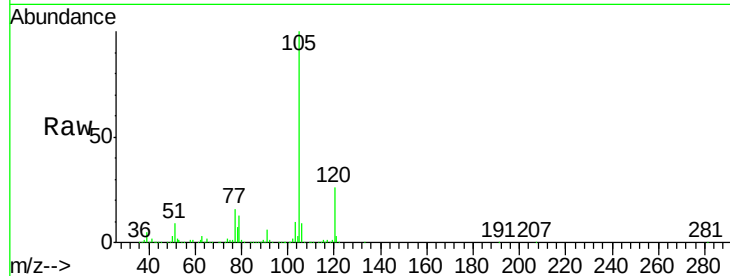
105 100

120 26.3 13.1 39.3

Manual Integrations
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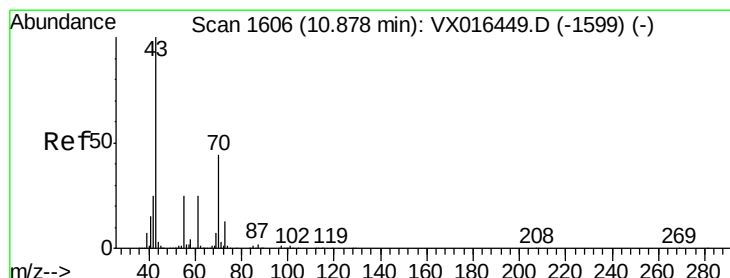
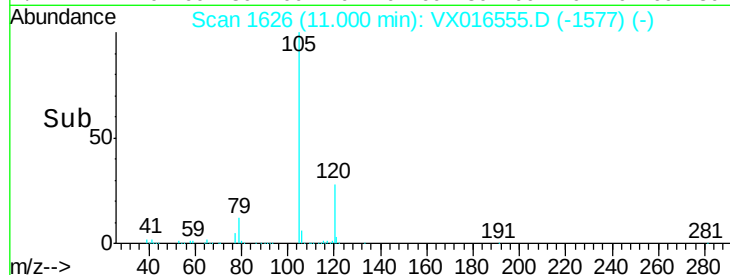
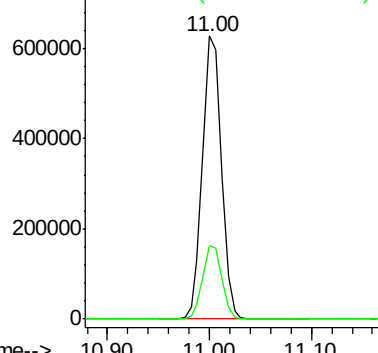
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.579 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion: 43 Resp: 379429

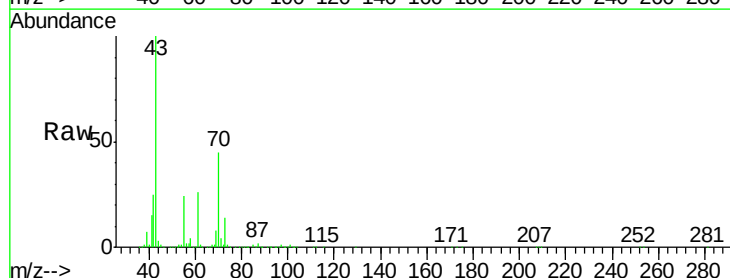
Ion Ratio Lower Upper

43 100

70 45.8 36.1 54.1

55 25.0 20.2 30.4

61 25.6 20.3 30.5

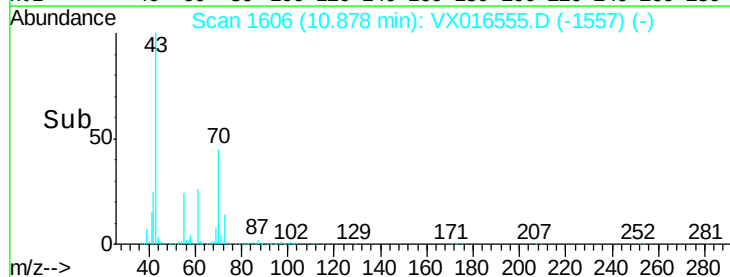
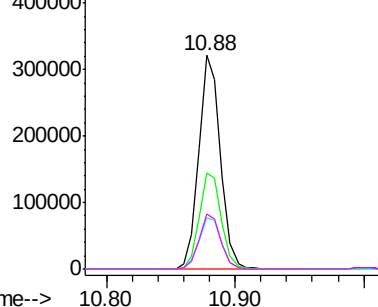


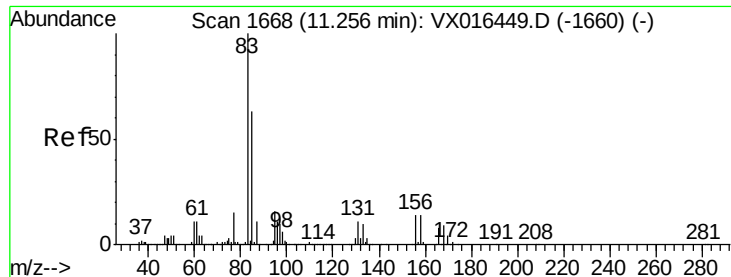
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.128 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

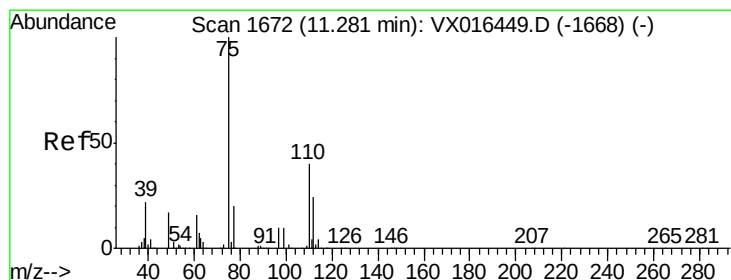
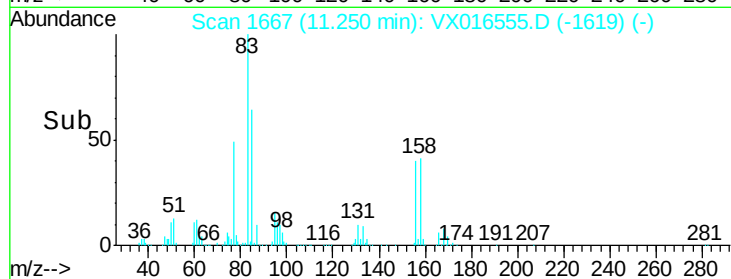
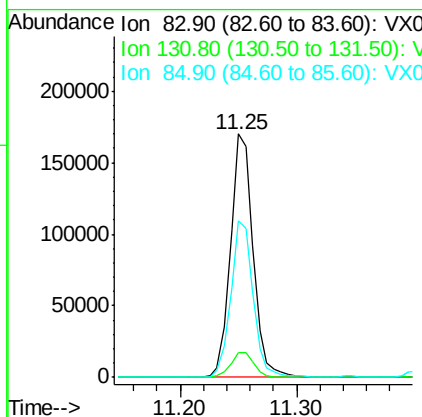
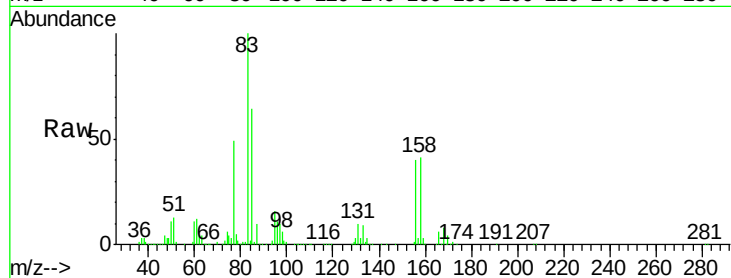
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	228553
Ion Ratio		Lower	Upper
83	100		
131	10.4	5.1	15.3
85	64.0	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.631 ug/l m

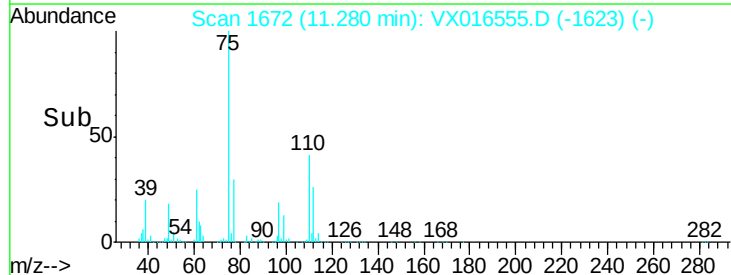
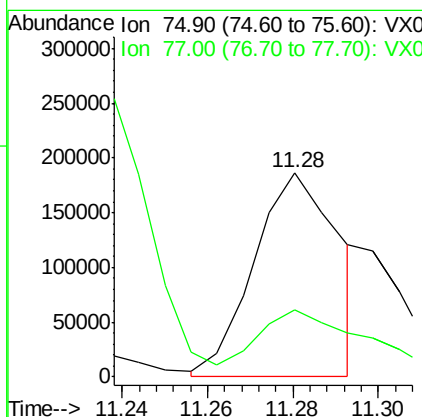
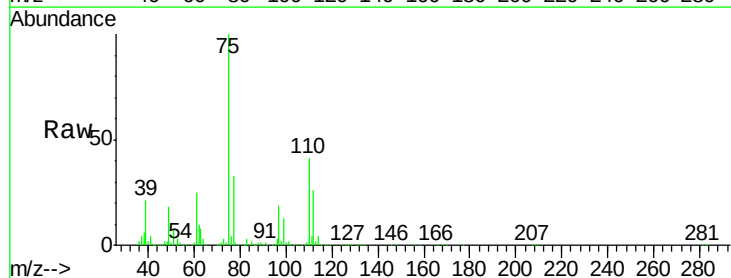
RT: 11.28 min Scan# 1672

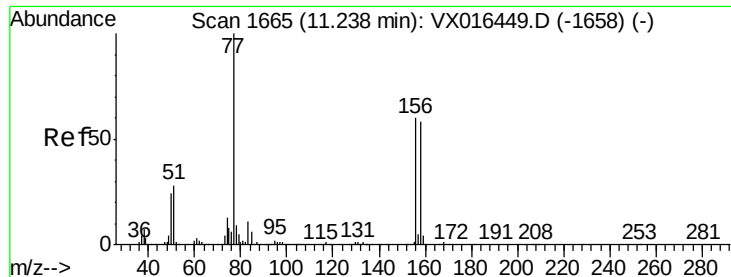
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	75	Resp:	256964
Ion Ratio		Lower	Upper
75	100		
77	42.8	21.3	63.7





#77

Bromobenzene

Concen: 50.096 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

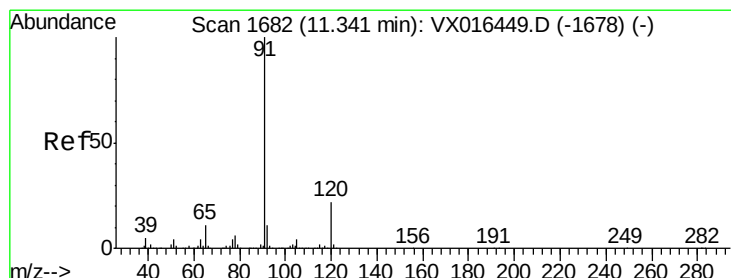
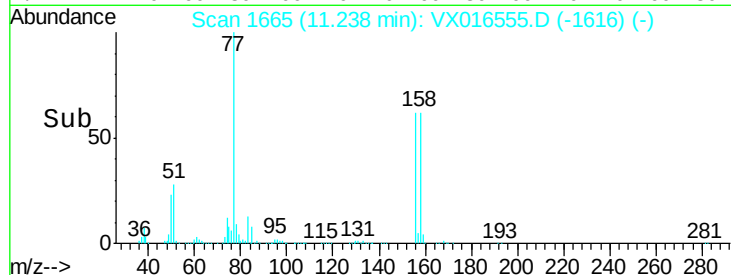
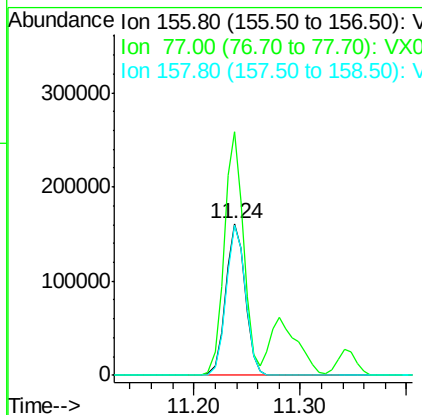
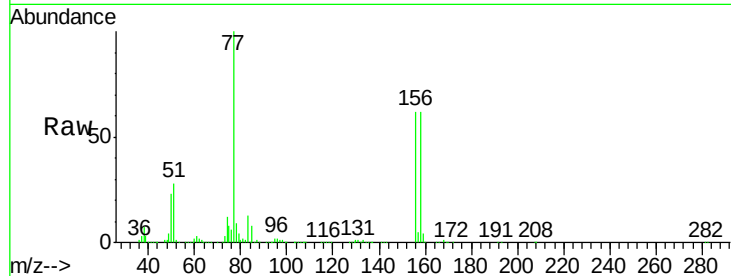
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	206138
Ion Ratio	Lower	Upper	
156	100		
77	159.0	79.6	238.8
158	98.7	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.606 ug/l

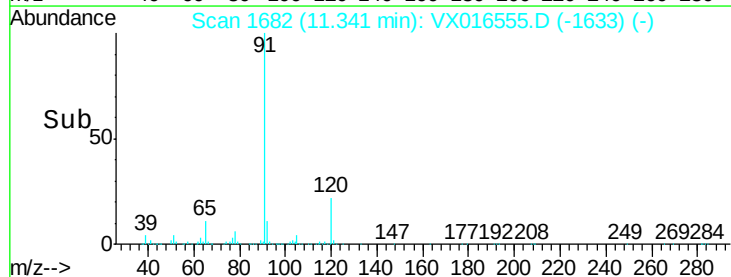
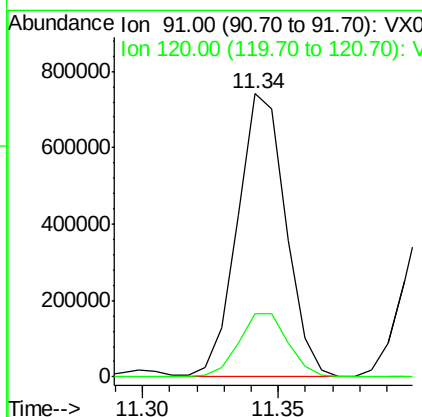
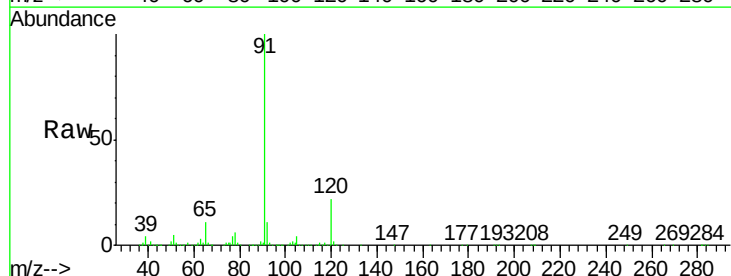
RT: 11.34 min Scan# 1682

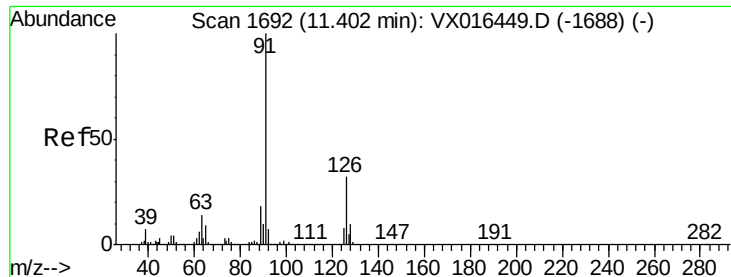
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	91	Resp:	904525
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.7





#79

2-Chlorotoluene

Concen: 50.976 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 545387

Ion Ratio Lower Upper

91 100

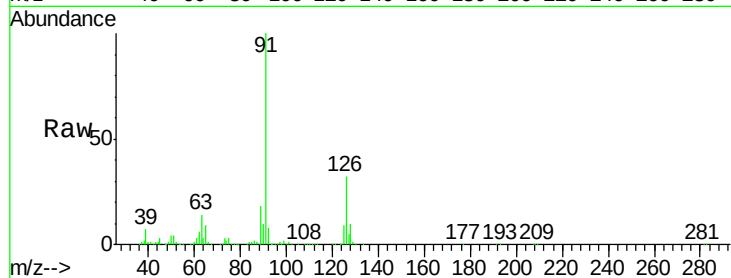
126 33.4 16.8 50.3

Manual Integrations

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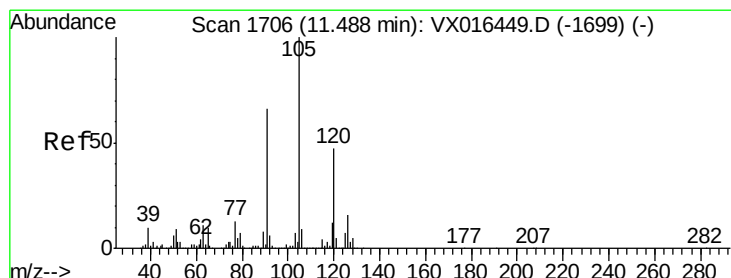
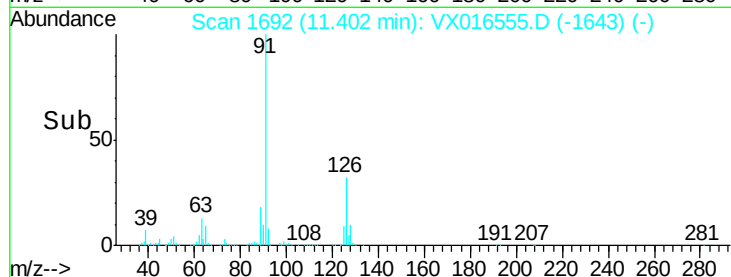
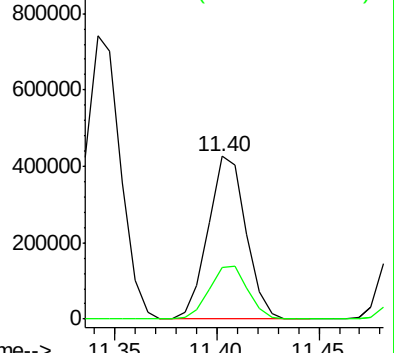
MMDadoda

6/3/2020 9:51:52 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.585 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016555.D

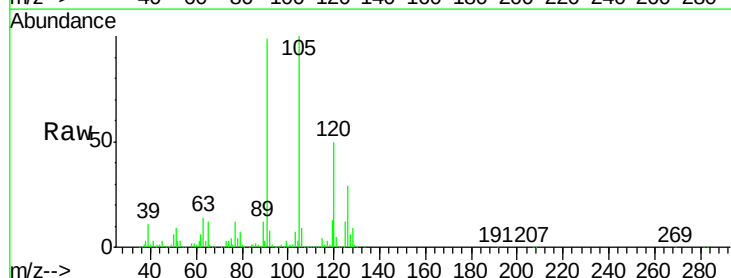
Acq: 02 Jun 2020 16:20

Tgt Ion: 105 Resp: 675751

Ion Ratio Lower Upper

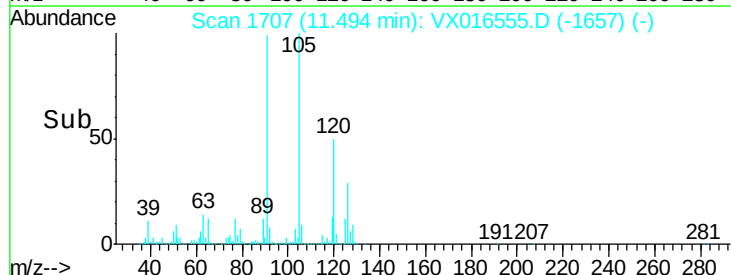
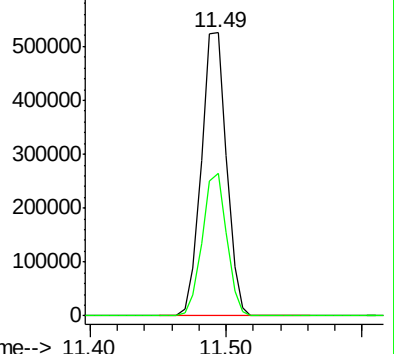
105 100

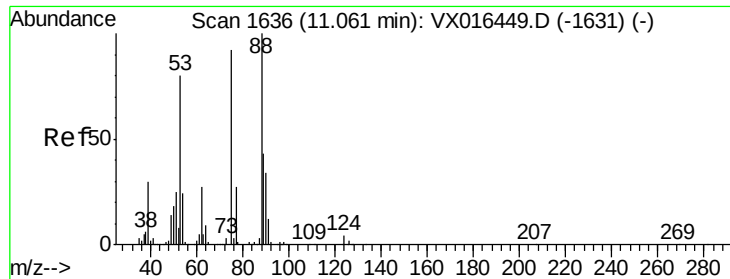
120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





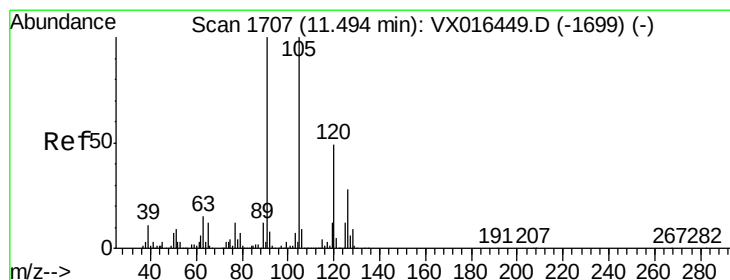
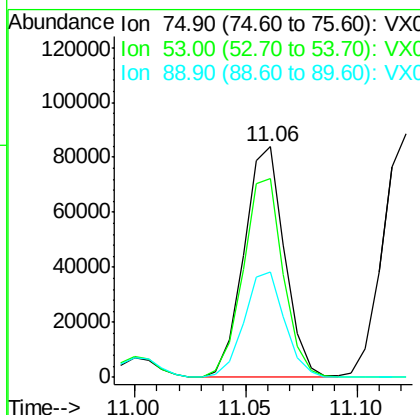
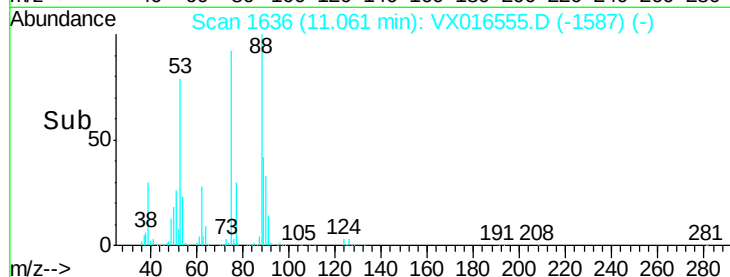
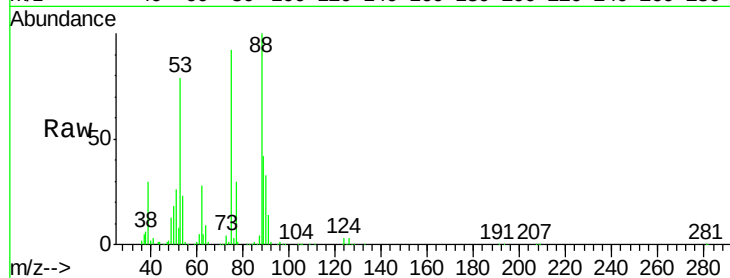
#81
trans-1,4-Dichloro-2-butene
Concen: 52.275 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.3	71.3	106.9
89	45.9	36.6	55.0

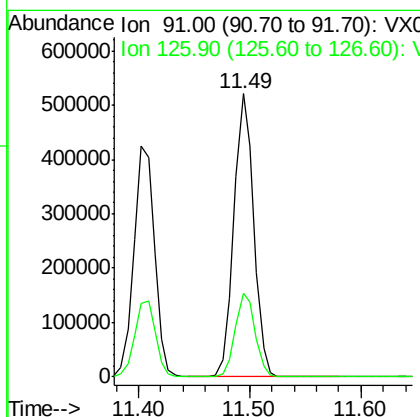
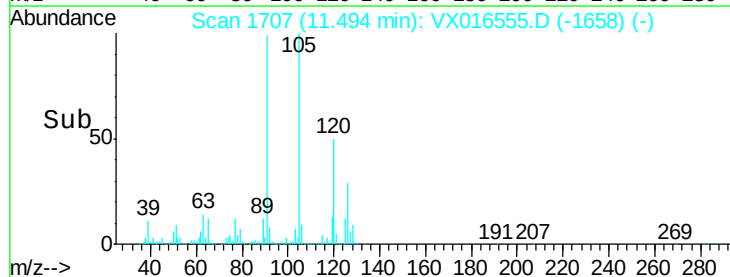
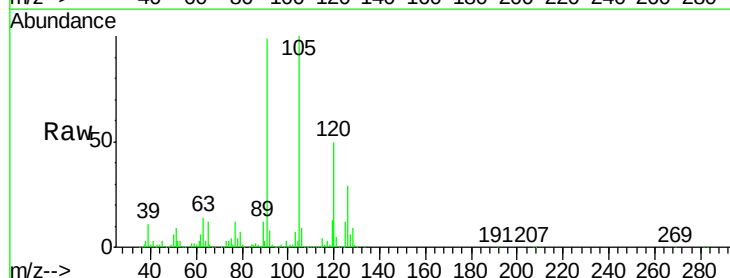
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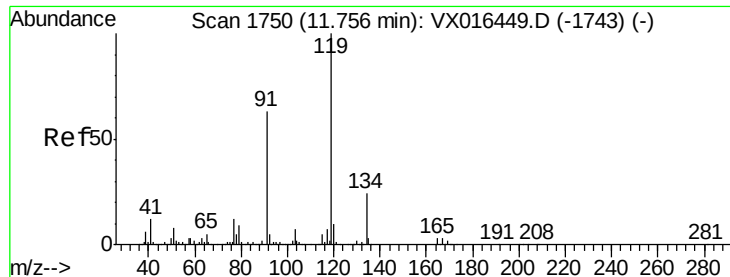
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.790 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





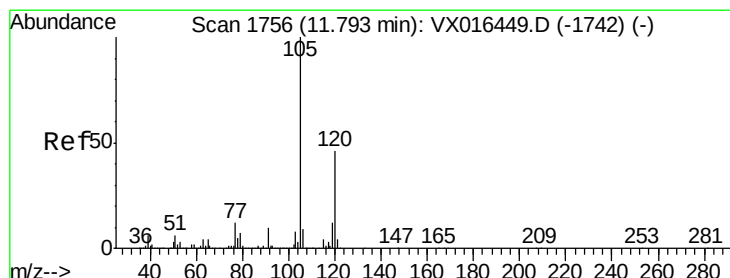
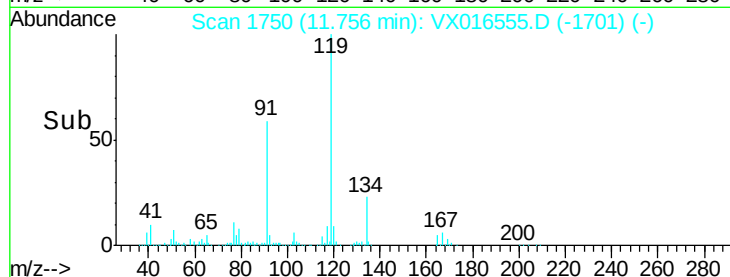
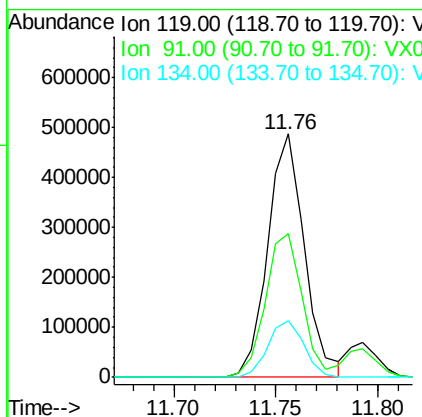
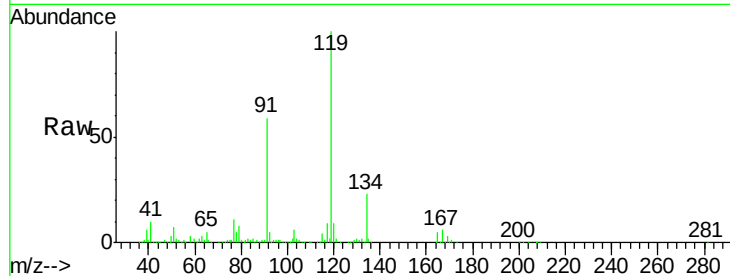
#83
tert-Butylbenzene
Concen: 54.440 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	609357		
91	59.4	31.3	93.8	
134	23.1	12.0	36.0	

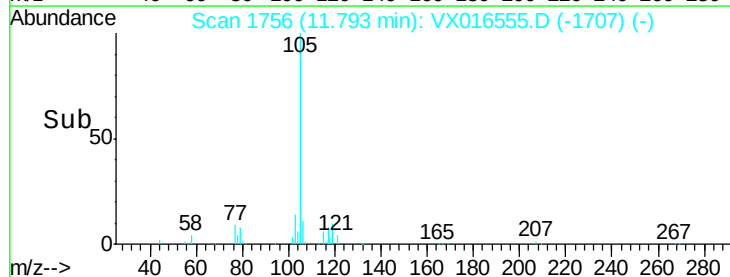
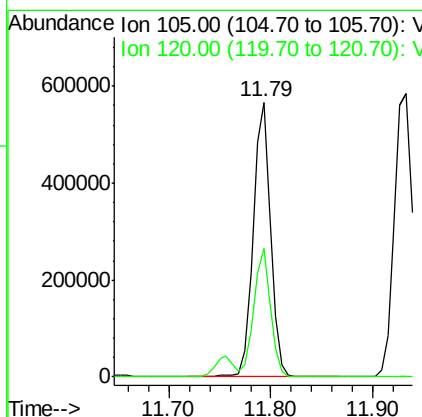
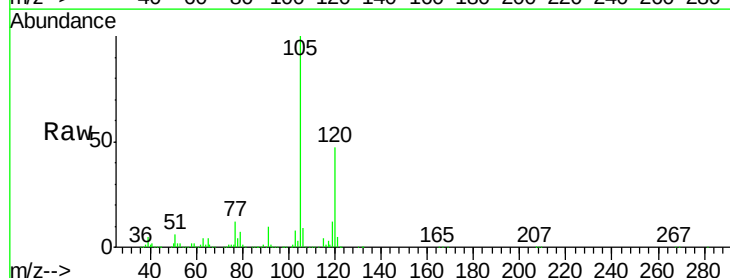
Manual Integrations
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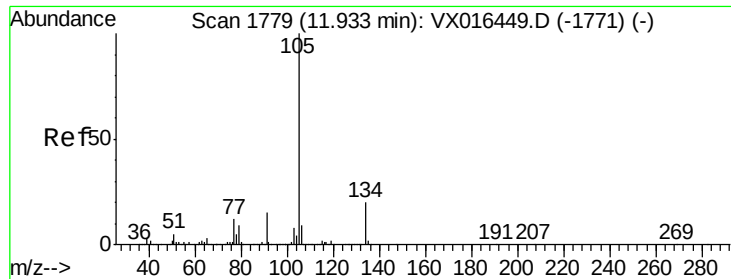
MMDadoda
6/3/2020 9:51:52 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.282 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	679391		
120	45.4	22.6	67.7	





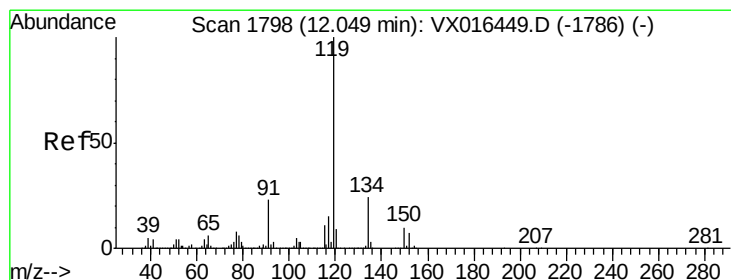
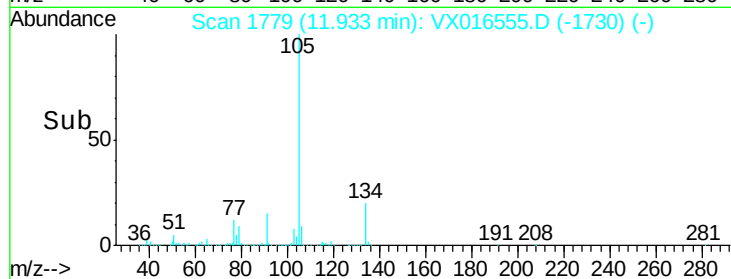
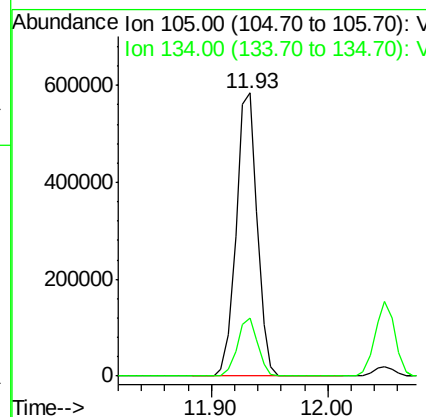
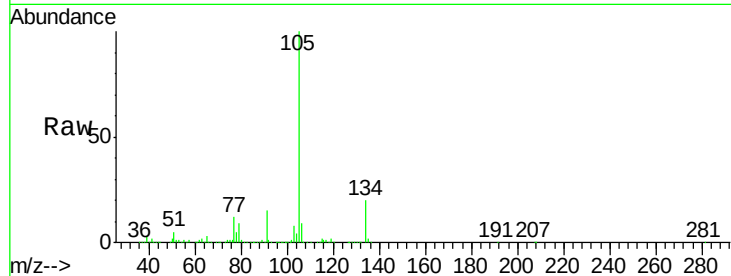
#85
 sec-Butylbenzene
 Concen: 52.148 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

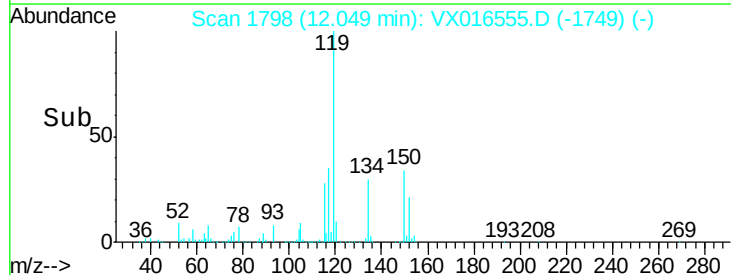
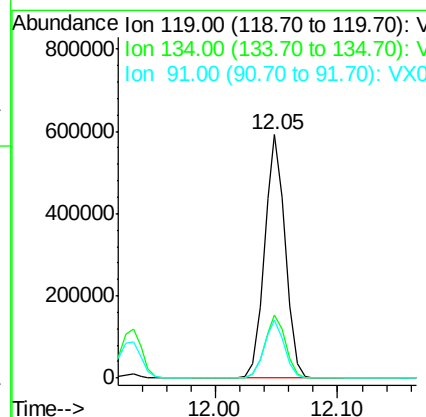
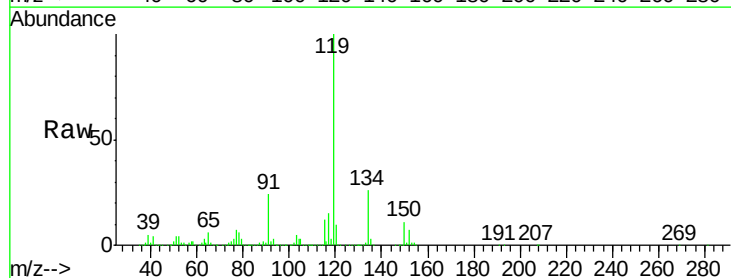
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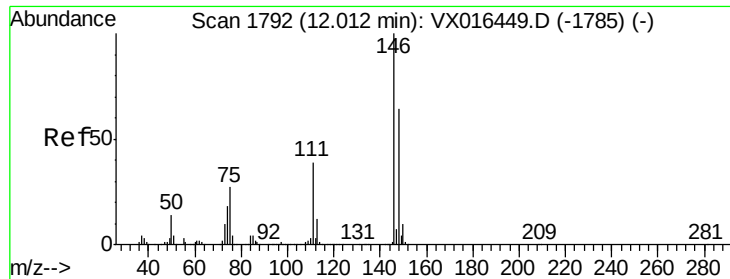
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#86
 p-Isopropyltoluene
 Concen: 52.915 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.7	38.0
91	23.4	11.7	35.0





#87

1,3-Dichlorobenzene

Concen: 51.008 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

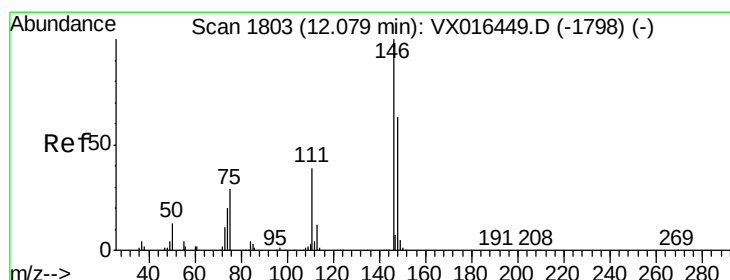
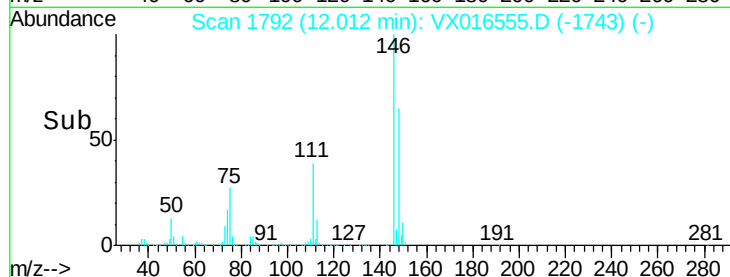
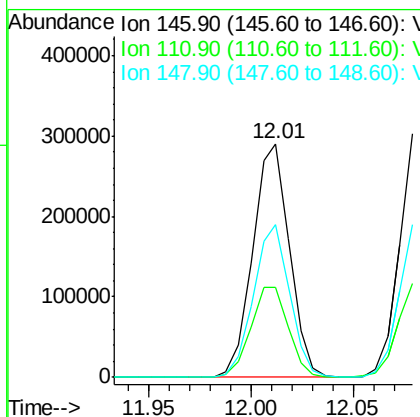
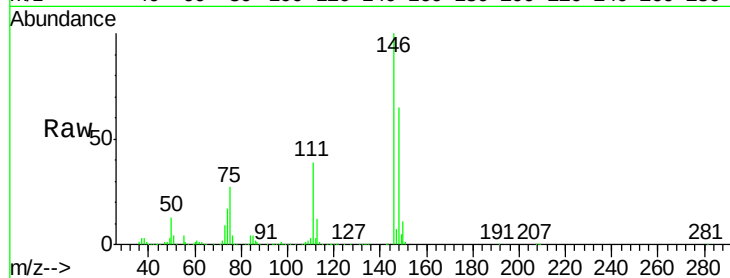
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.129 ug/l

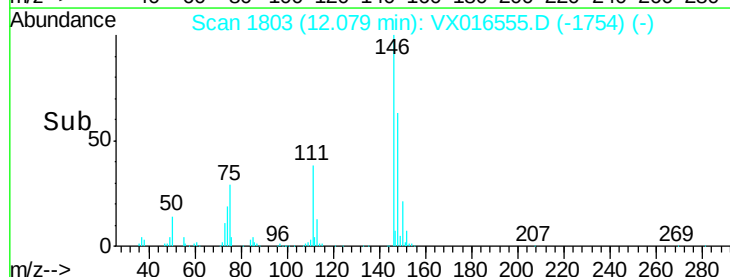
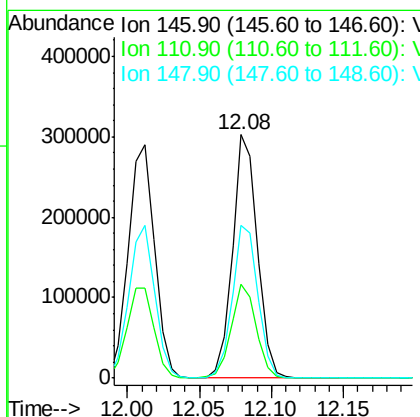
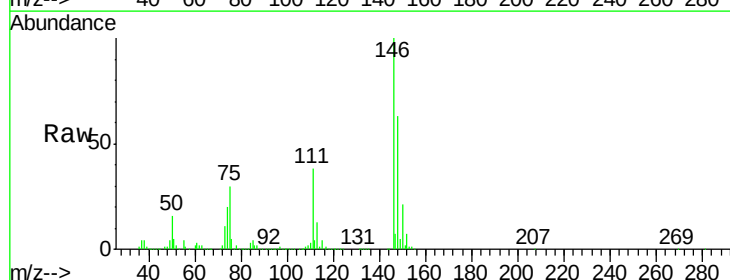
RT: 12.08 min Scan# 1803

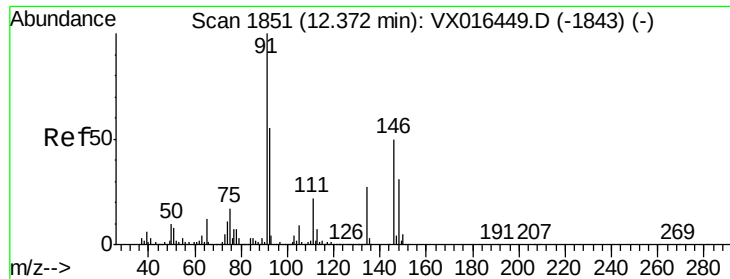
Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.5	31.4	94.3





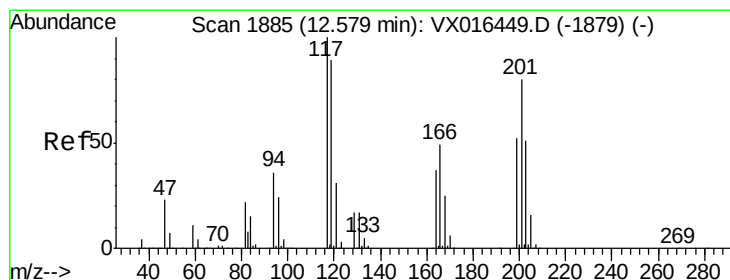
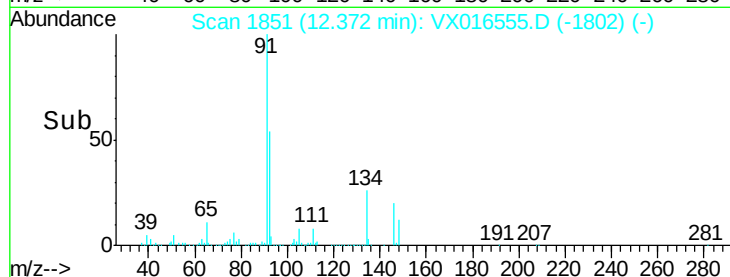
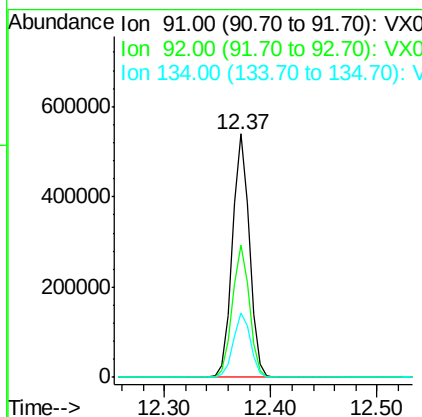
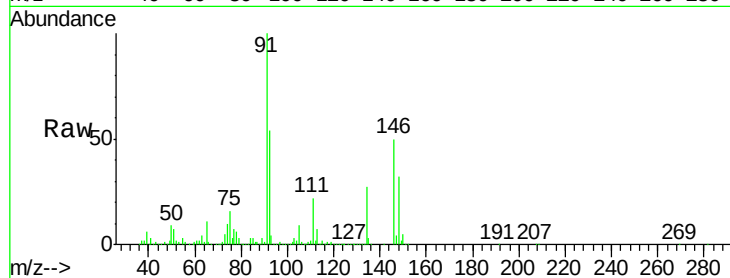
#89
n-Butylbenzene
Concen: 55.234 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	26.6	13.1	39.3

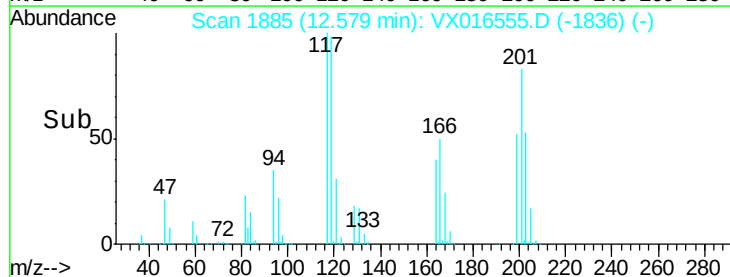
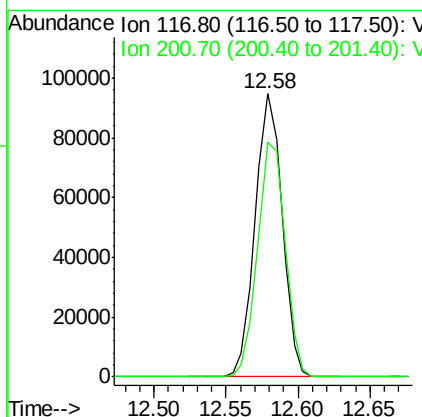
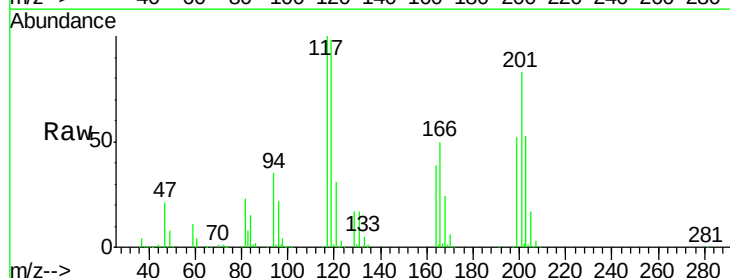
Manual Integrations
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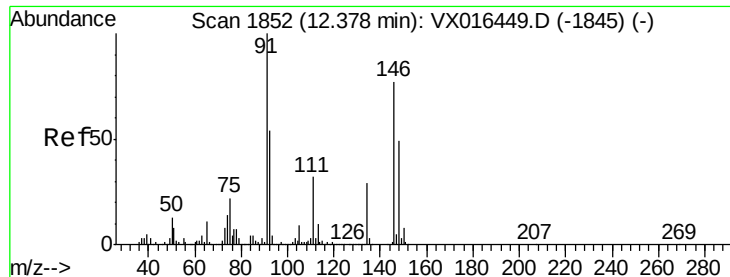
MMDadoda
6/3/2020 9:51:52 AM



#90
Hexachloroethane
Concen: 53.977 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016555.D
Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	43.1	129.3





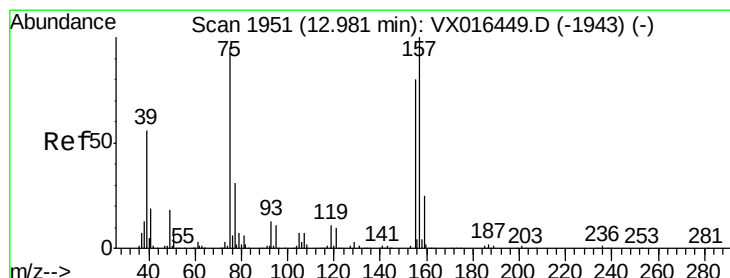
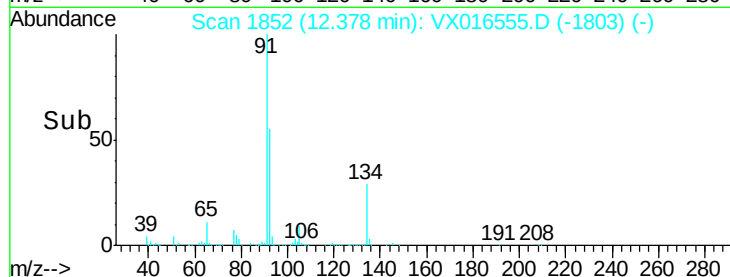
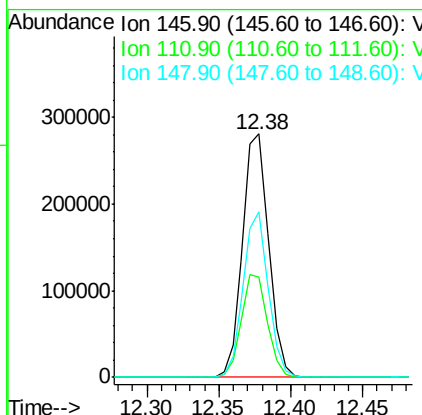
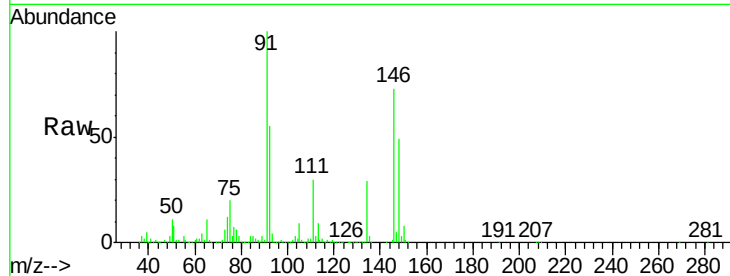
#91
 1,2-Dichlorobenzene
 Concen: 51.102 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	65.2	31.9	95.7

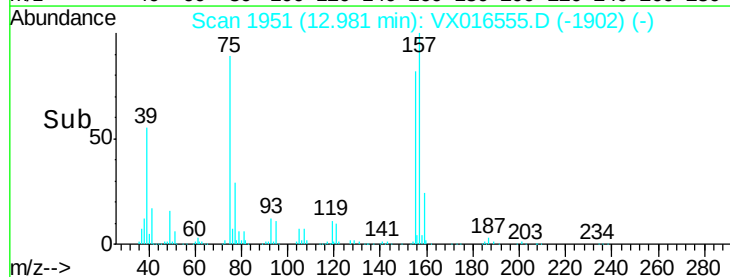
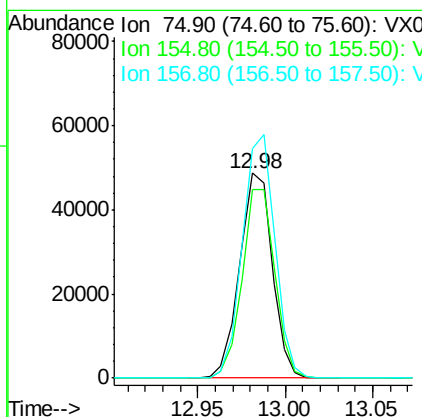
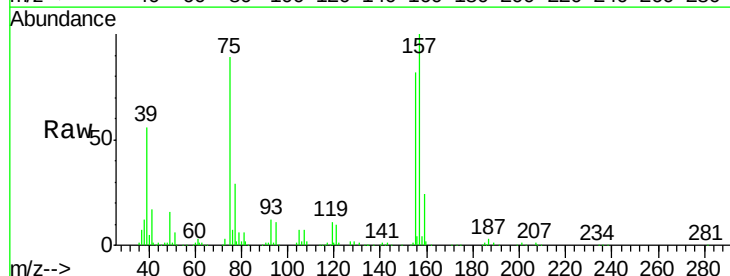
Manual Integrations
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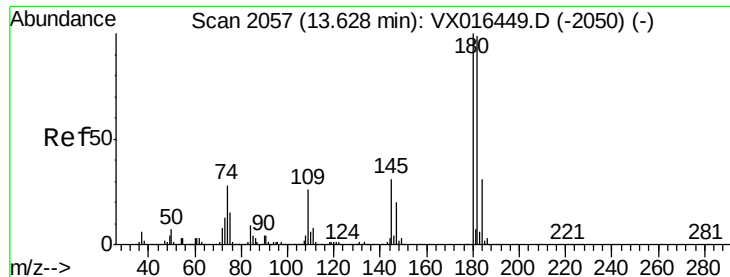
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.765 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	44.1	132.4
157	118.2	57.8	173.3





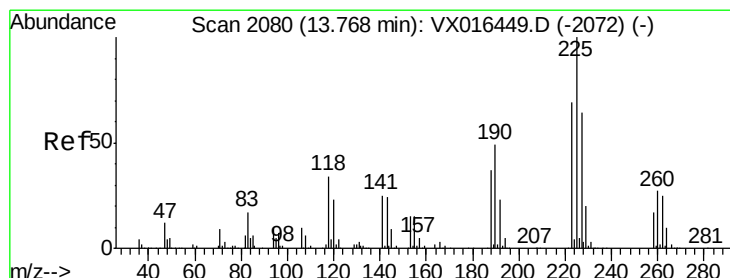
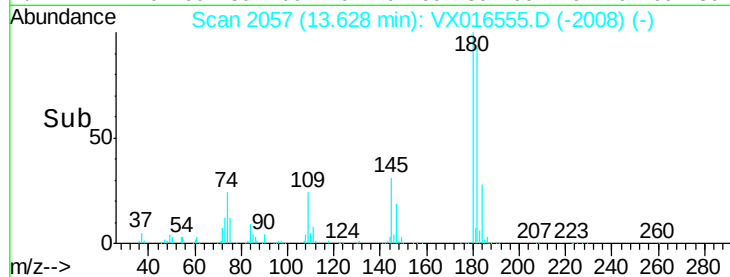
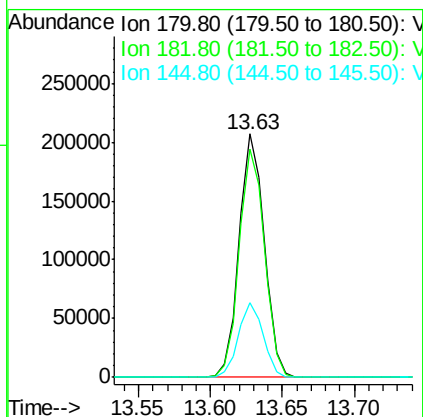
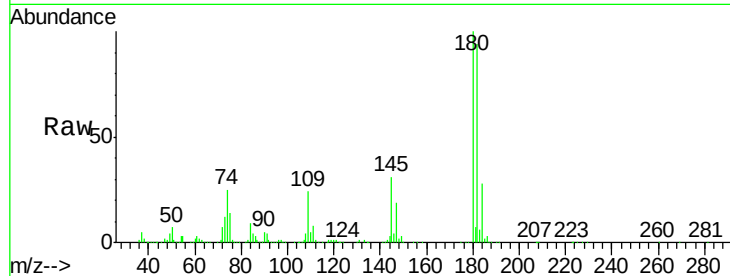
#93
 1,2,4-Trichlorobenzene
 Concen: 54.837 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251538		
182	94.6	48.3	144.8	
145	30.2	15.4	46.2	

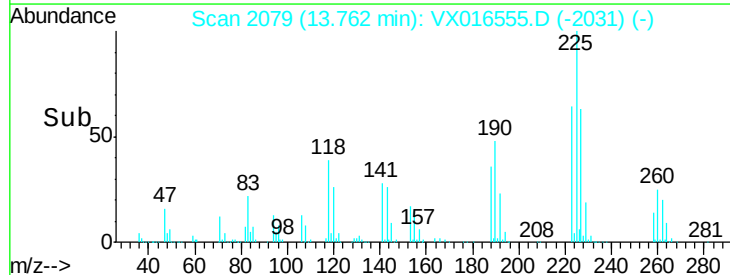
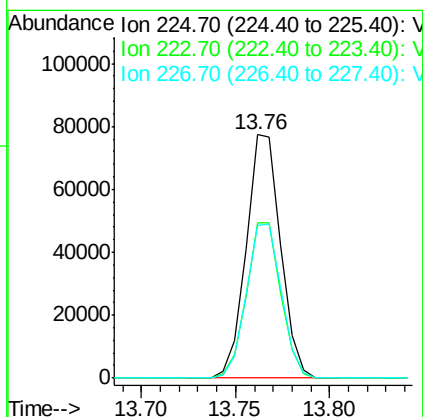
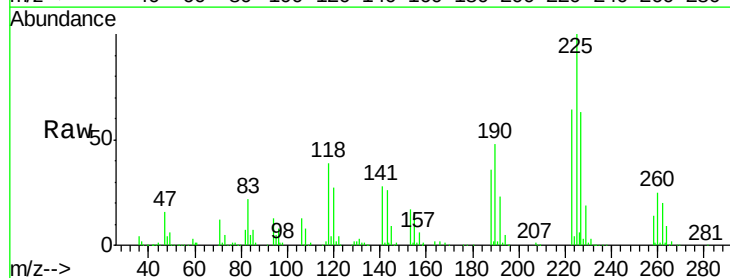
Manual Integrations
 APPROVED

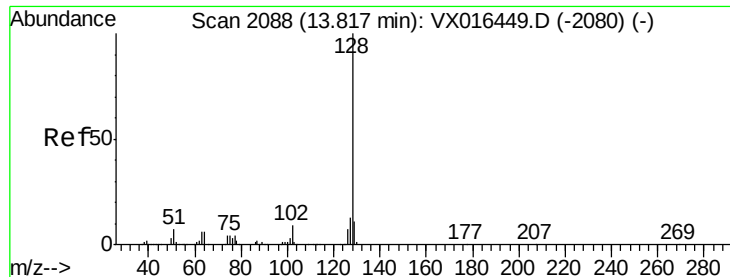
MMDadoda
 6/3/2020 9:51:52 AM



#94
 Hexachlorobutadiene
 Concen: 54.312 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016555.D
 Acq: 02 Jun 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97814		
223	63.9	32.3	96.8	
227	64.3	31.6	94.7	





#95

Naphthalene

Concen: 51.789 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Instrument :

MSVOA_X

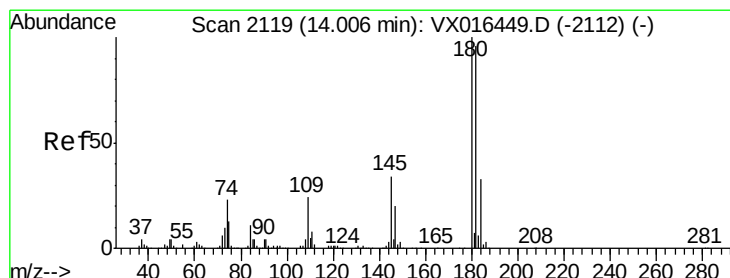
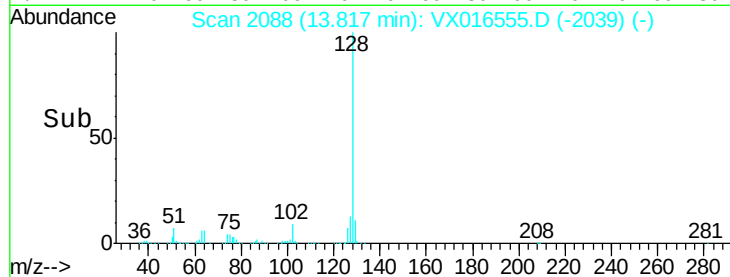
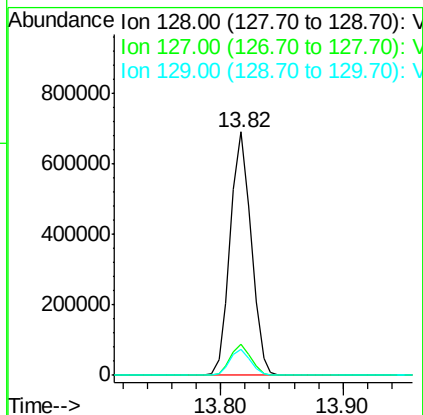
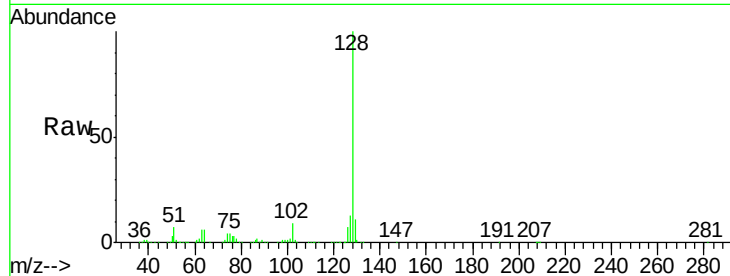
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	814372
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 9:51:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.216 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016555.D

Acq: 02 Jun 2020 16:20

Tgt Ion:	180	Resp:	234654
Ion Ratio	Lower	Upper	
180	100		
182	97.8	48.6	145.8
145	32.7	16.6	49.8

