

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016751.D
 Acq On : 15 Jun 2020 13:03
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:15 PM

Quant Time: Jun 15 13:25:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	261329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	397784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	442759	139.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.32%	
35) Dibromofluoromethane	5.47	113	363519	148.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.68%	
50) Toluene-d8	8.70	98	1413230	149.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.68%	
62) 4-Bromofluorobenzene	11.12	95	565500	154.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	435736	166.635	ug/l	100
3) Chloromethane	1.31	50	402927	132.007	ug/l	99
4) Vinyl Chloride	1.39	62	455856	140.493	ug/l	99
5) Bromomethane	1.62	94	251445	153.459	ug/l	99
6) Chloroethane	1.69	64	261196	137.618	ug/l	98
7) Trichlorofluoromethane	1.90	101	659553	152.017	ug/l	97
8) Diethyl Ether	2.17	74	246857	138.968	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	336779	143.159	ug/l	98
10) Methyl Iodide	2.49	142	458145	178.287	ug/l	99
11) Tert butyl alcohol	3.04	59	541168	675.989	ug/l	100
12) 1,1-Dichloroethene	2.35	96	358914	143.841	ug/l	98
13) Acrolein	2.28	56	235647	683.727	ug/l	98
14) Allyl chloride	2.70	41	569649	127.630	ug/l	99
15) Acrylonitrile	3.12	53	1055759	641.718	ug/l	99
16) Acetone	2.43	43	881720	640.931	ug/l	100
17) Carbon Disulfide	2.54	76	1018928	138.482	ug/l	100
18) Methyl Acetate	2.75	43	514244	143.036	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1239327	140.024	ug/l	99
20) Methylene Chloride	2.83	84	387161	133.909	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	385681	140.432	ug/l	99
22) Diisopropyl ether	3.83	45	1060181	124.171	ug/l	94
23) Vinyl Acetate	3.79	43	4636570	624.986	ug/l	100
24) 1,1-Dichloroethane	3.67	63	650103	132.815	ug/l	99
25) 2-Butanone	4.64	43	1438972	624.423	ug/l	97
26) 2,2-Dichloropropane	4.55	77	605665	146.802	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	432946	136.941	ug/l	99
28) Bromochloromethane	4.98	49	281321	124.528	ug/l	100
29) Tetrahydrofuran	5.09	42	923095	620.971	ug/l	100
30) Chloroform	5.18	83	690480	138.828	ug/l	99
31) Cyclohexane	5.55	56	565751	129.822	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	652311	143.951	ug/l	100
36) 1,1-Dichloropropene	5.77	75	526988	141.486	ug/l	100
37) Ethyl Acetate	4.80	43	549830	125.830	ug/l	99
38) Carbon Tetrachloride	5.76	117	595464	150.073	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	609737	150.070	ug/l	98
40) Benzene	6.12	78	1540389	139.188	ug/l	100
41) Methacrylonitrile	5.01	41	294598	122.716	ug/l	99
42) 1,2-Dichloroethane	6.17	62	544497	138.173	ug/l	99
43) Isopropyl Acetate	6.42	43	896012	131.112	ug/l	100
44) Trichloroethene	7.19	130	476103	135.406	ug/l	100
45) 1,2-Dichloropropane	7.49	63	383201	136.715	ug/l	99
46) Dibromomethane	7.64	93	273373	143.745	ug/l	99
47) Bromodichloromethane	7.88	83	576566	146.281	ug/l	100
48) Methyl methacrylate	7.75	41	439714	134.654	ug/l	99
49) 1,4-Dioxane	7.72	88	214219	2778.263	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	2793044	657.999	ug/l	99
52) Toluene	8.77	92	1024895	146.161	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	680742	151.885	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	700684	148.258	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	409830	146.647	ug/l	96
56) Ethyl methacrylate	9.16	69	675757	150.457	ug/l	99
57) 1,3-Dichloropropane	9.35	76	673204	141.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1623764	693.230	ug/l	99
59) 2-Hexanone	9.48	43	2215198	671.928	ug/l	99
60) Dibromochloromethane	9.57	129	504963	159.234	ug/l	99
61) 1,2-Dibromoethane	9.66	107	454833	151.395	ug/l	98
64) Tetrachloroethene	9.32	164	487803	115.870	ug/l	97
65) Chlorobenzene	10.12	112	1133463	145.079	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	452332	150.177	ug/l	98
67) Ethyl Benzene	10.24	91	1986470	143.667	ug/l	99
68) m/p-Xylenes	10.34	106	1523305	295.561	ug/l	99
69) o-Xylene	10.68	106	742775	148.694	ug/l	99
70) Styrene	10.70	104	1318524	153.936	ug/l	100
71) Bromoform	10.84	173	417683	164.824	ug/l #	98
73) Isopropylbenzene	11.01	105	1983512	140.652	ug/l	100
74) N-amyl acetate	10.88	43	819742	130.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	578432	161.795	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	567416m	127.847	ug/l	
77) Bromobenzene	11.24	156	538515	144.540	ug/l	99
78) n-propylbenzene	11.35	91	2186978	139.417	ug/l	100
79) 2-Chlorotoluene	11.41	91	1332329	138.983	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1691178	143.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	257167	142.843	ug/l	97
82) 4-Chlorotoluene	11.49	91	1589519	140.811	ug/l	99
83) tert-Butylbenzene	11.76	119	1588819	156.416	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1735506	145.884	ug/l	99
85) sec-Butylbenzene	11.93	105	1878872	148.377	ug/l	99
86) p-Isopropyltoluene	12.05	119	1816875	152.823	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	951116	147.753	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	949882	144.273	ug/l	99
89) n-Butylbenzene	12.37	91	1546487	156.780	ug/l	98
90) Hexachloroethane	12.58	117	335011	162.595	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	921765	147.493	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	165671	145.431	ug/l	98

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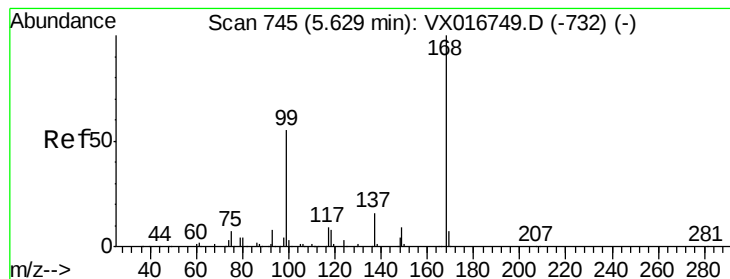
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	684505	164.293	ug/l	99
94) Hexachlorobutadiene	13.76	225	295913	174.641	ug/l	98
95) Naphthalene	13.82	128	2197830	155.032	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	659505	160.238	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 261329

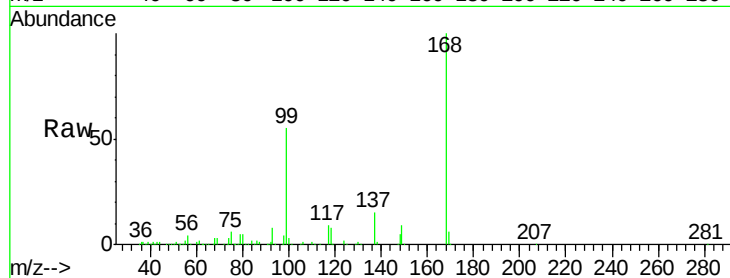
Ion Ratio Lower Upper

168 100

99 55.1 43.8 65.6

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

Ion 98.90 (98.60 to 99.60): VX0

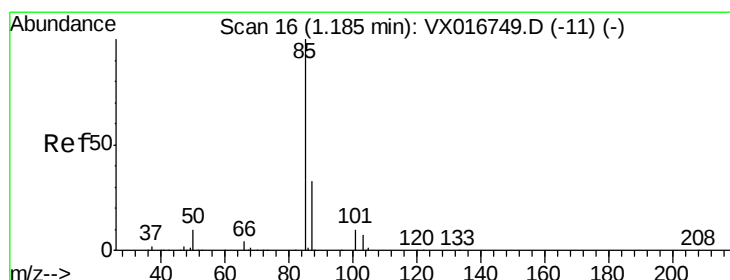
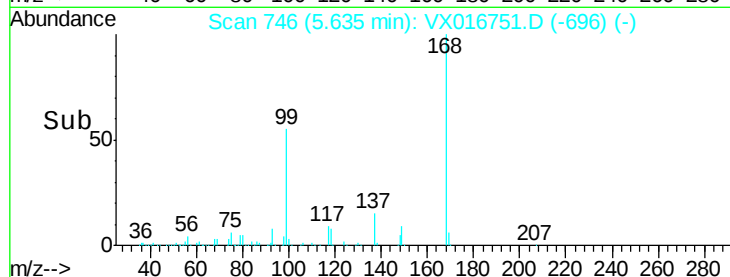
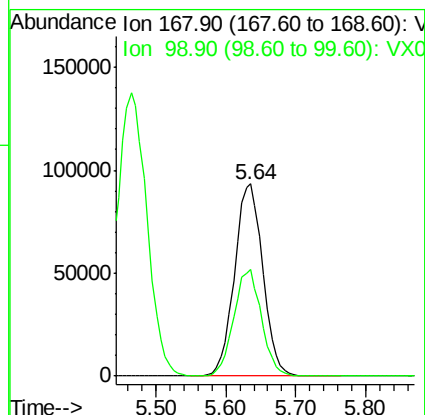
150000

100000

50000

0

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 166.635 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016751.D

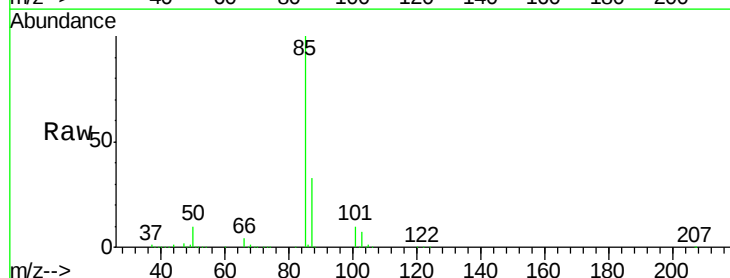
Acq: 15 Jun 2020 13:03

Tgt Ion: 85 Resp: 435736

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

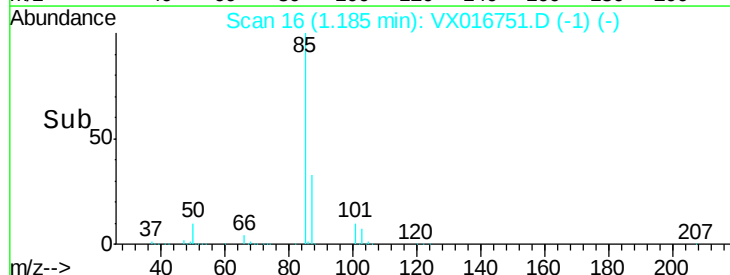
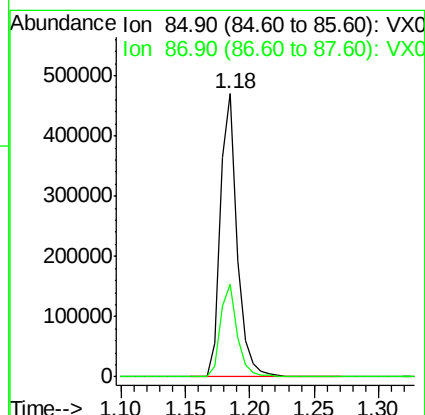
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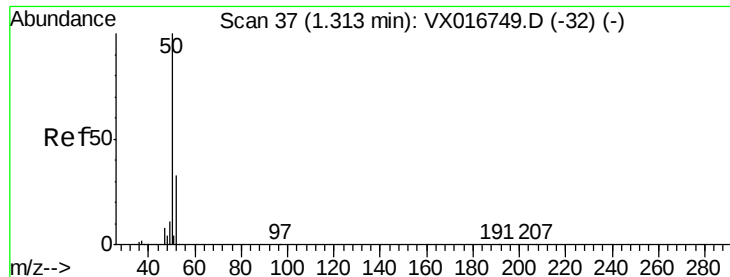
200000

100000

0

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 132.007 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 402927

Ion Ratio Lower Upper

50 100

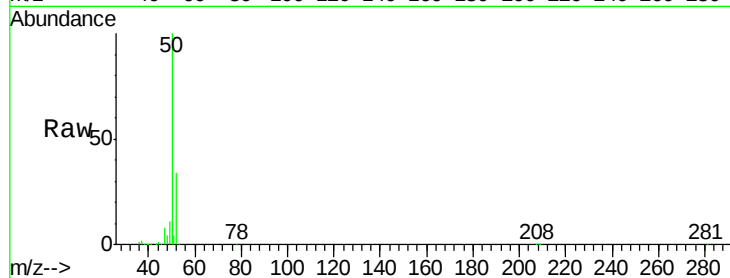
52 33.5 26.5 39.7

Manual Integrations

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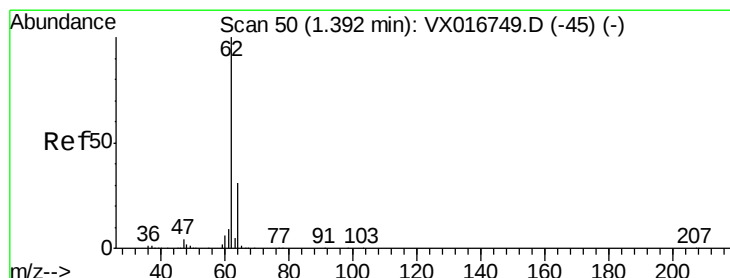
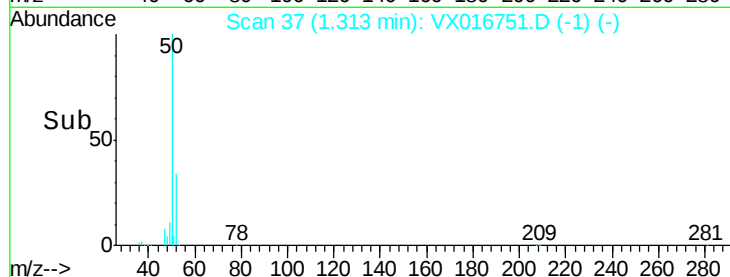
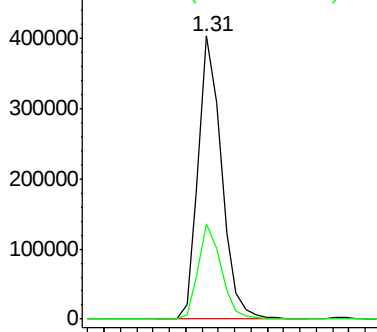
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 140.493 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016751.D

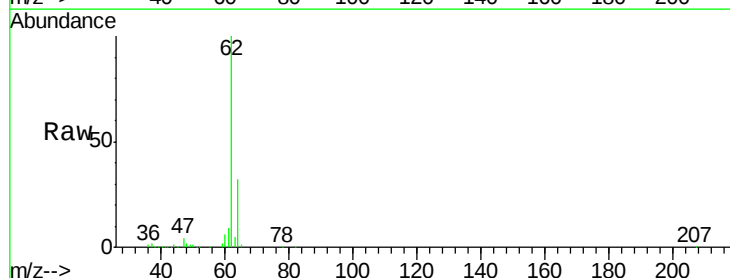
Acq: 15 Jun 2020 13:03

Tgt Ion: 62 Resp: 455856

Ion Ratio Lower Upper

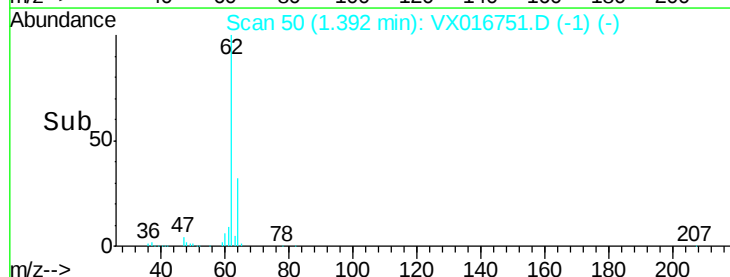
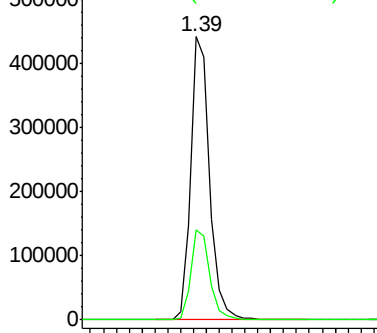
62 100

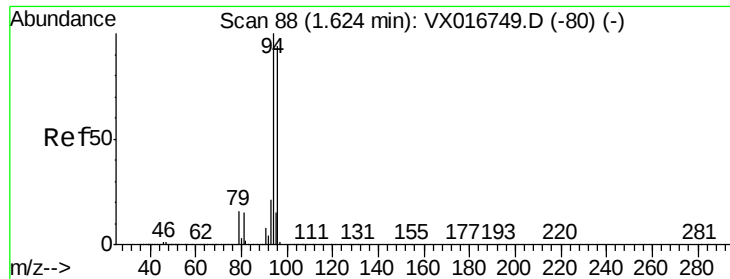
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 153.459 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 251445

Ion Ratio Lower Upper

94 100

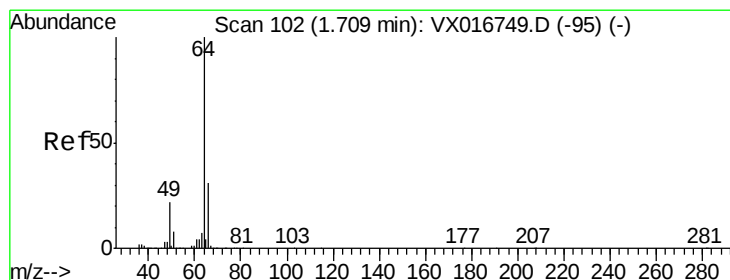
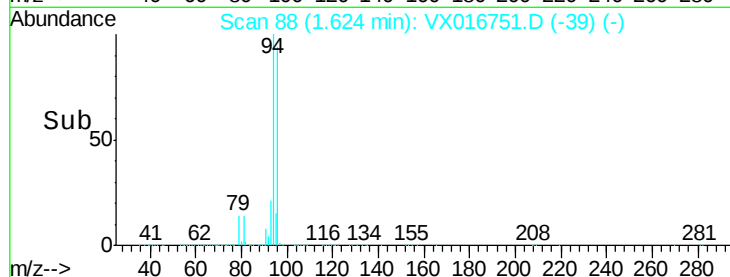
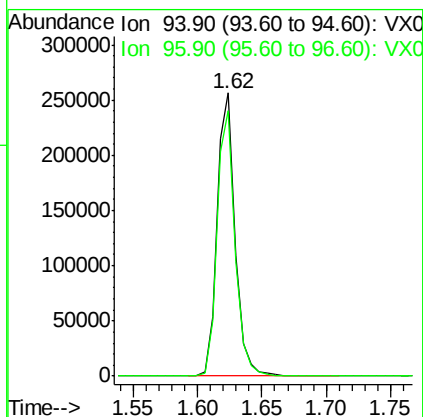
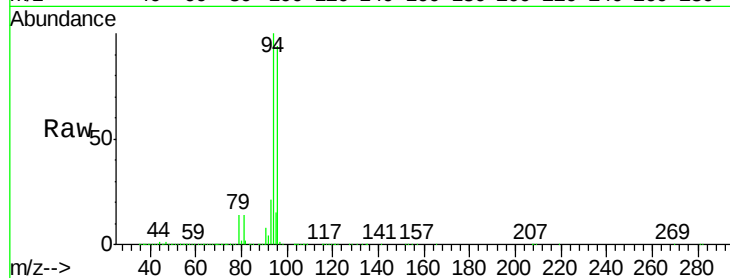
96 93.7 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 137.618 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016751.D

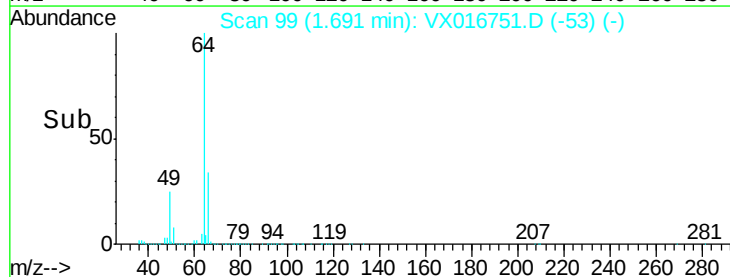
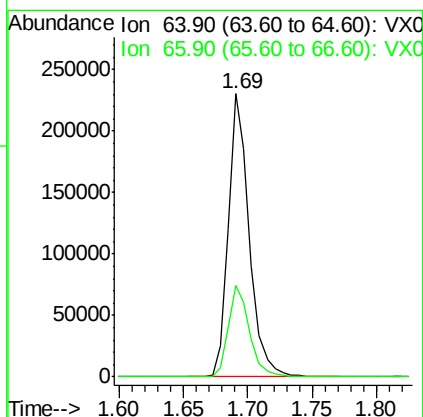
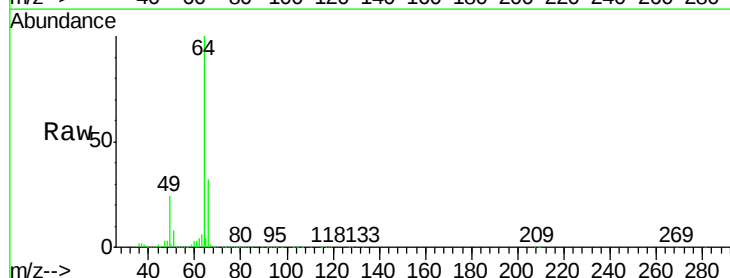
Acq: 15 Jun 2020 13:03

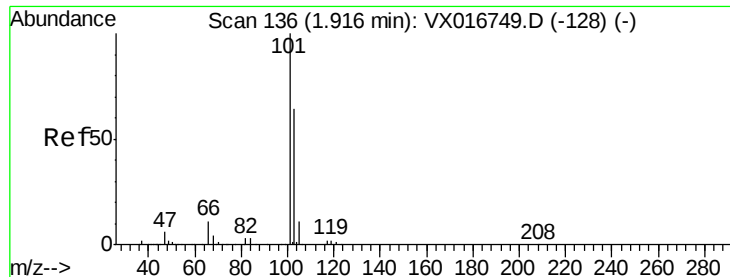
Tgt Ion: 64 Resp: 261196

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6





#7

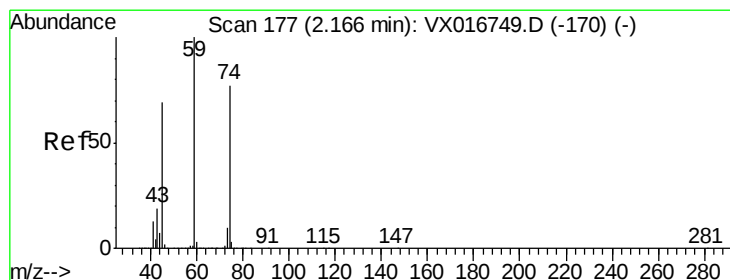
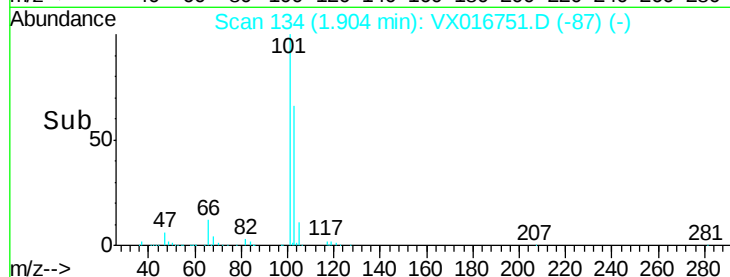
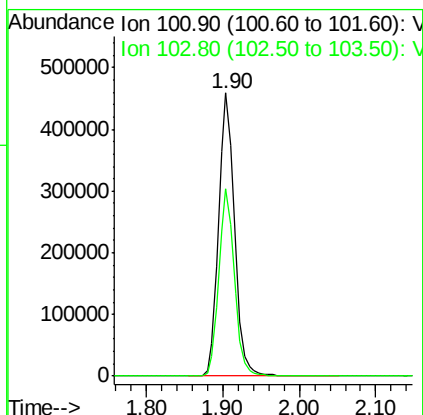
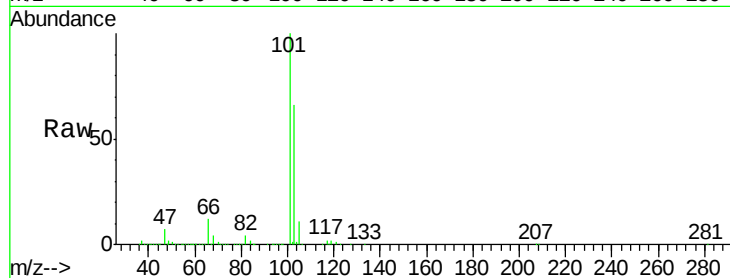
Trichlorofluoromethane
Concen: 152.017 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	51.3	76.9

Manual Integrations
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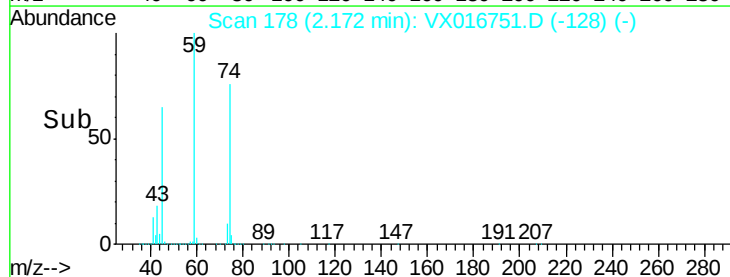
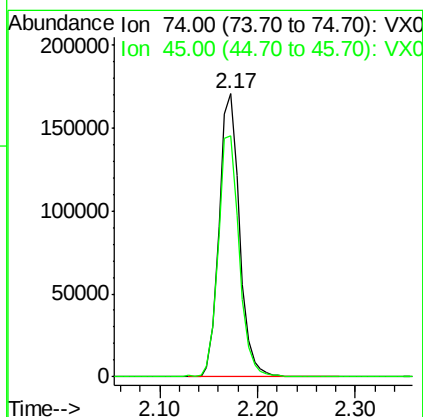
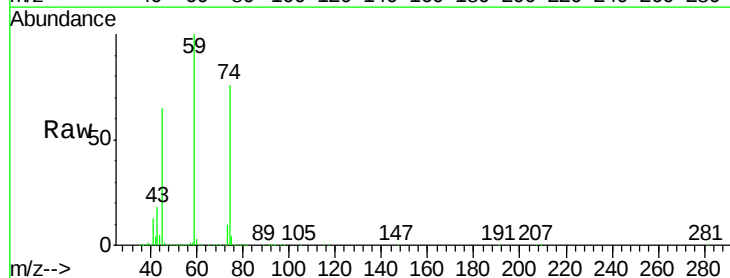
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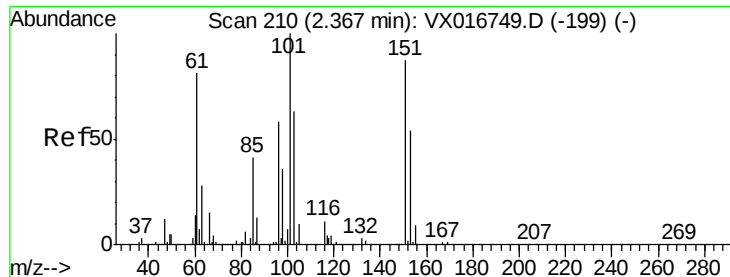


#8

Diethyl Ether
Concen: 138.968 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.159 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

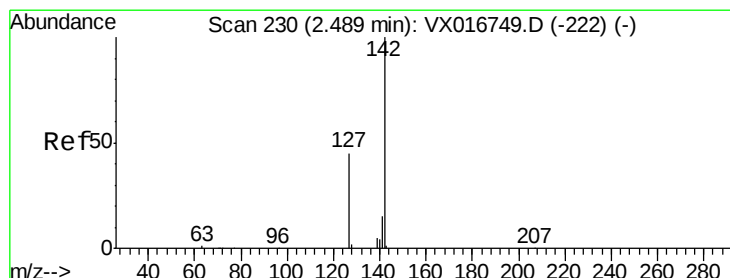
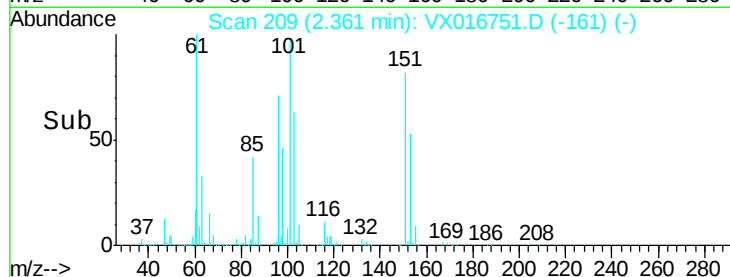
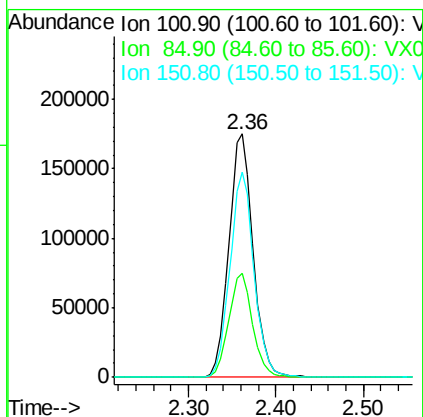
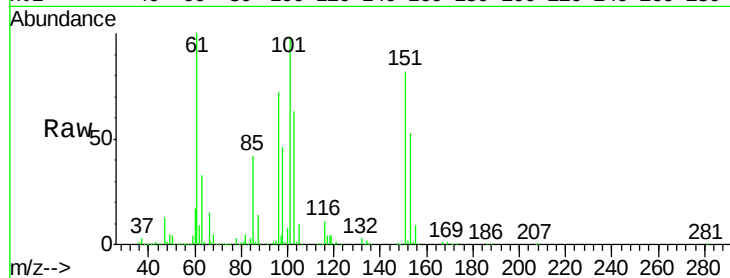
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	336779
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	83.9	68.7	103.1

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 178.287 ug/l

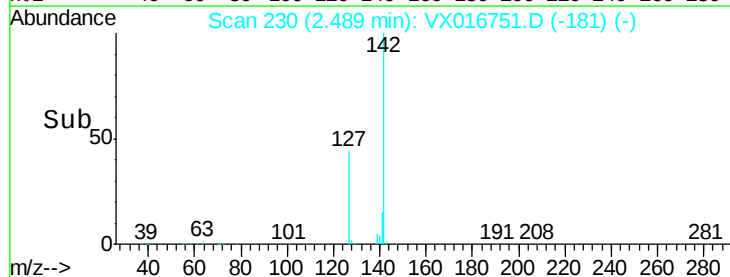
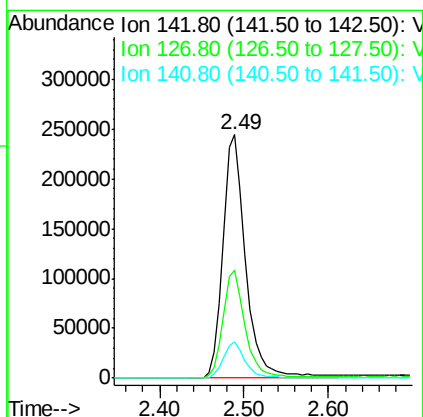
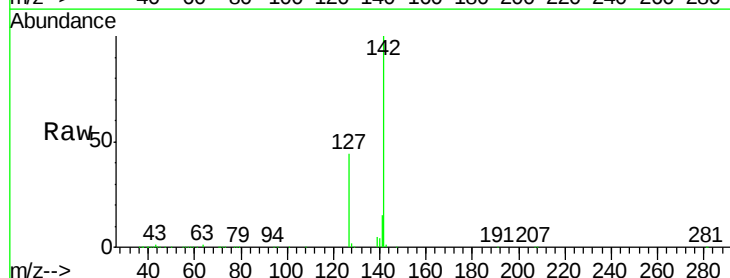
RT: 2.49 min Scan# 230

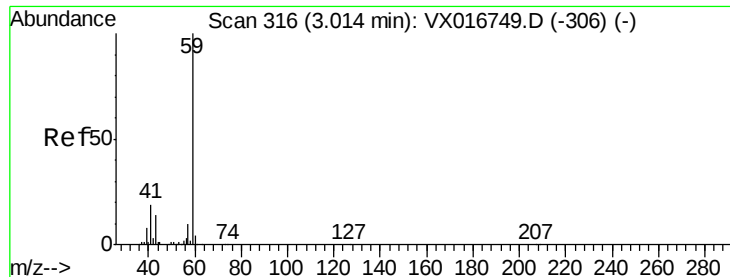
Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion:	142	Resp:	458145
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.4	53.2
141	14.4	11.7	17.5





#11

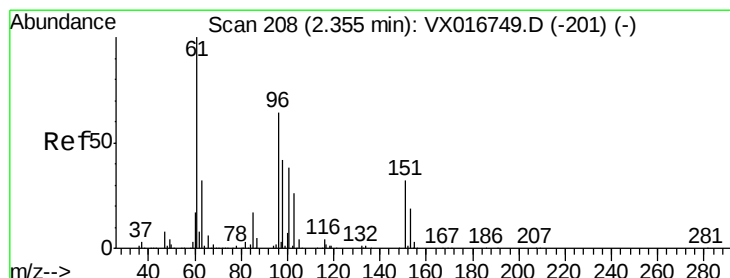
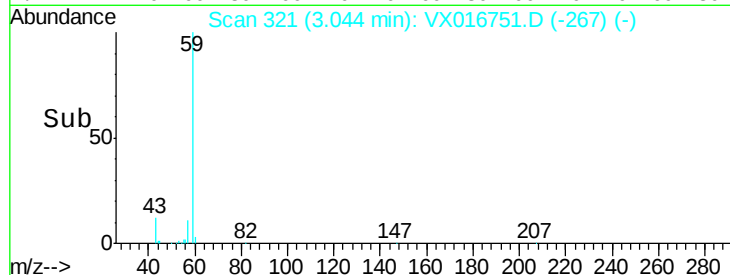
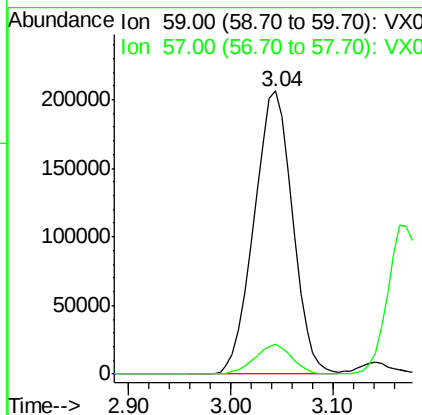
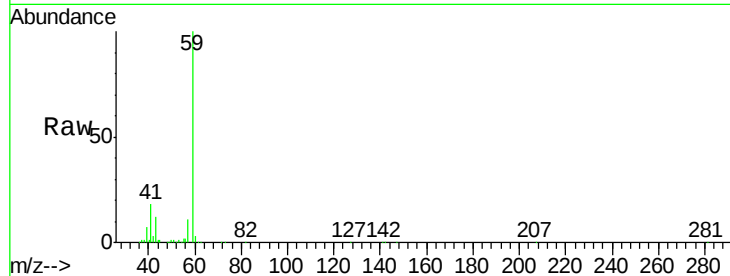
Tert butyl alcohol
Concen: 675.989 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.2	12.2

Manual Integrations
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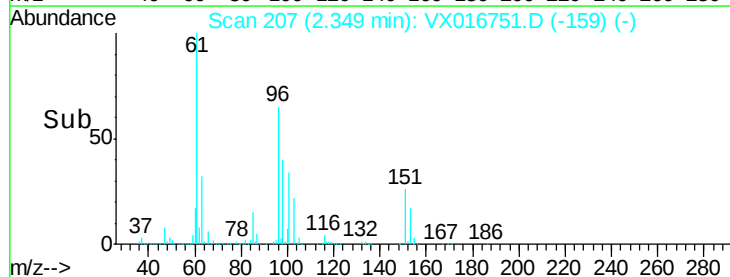
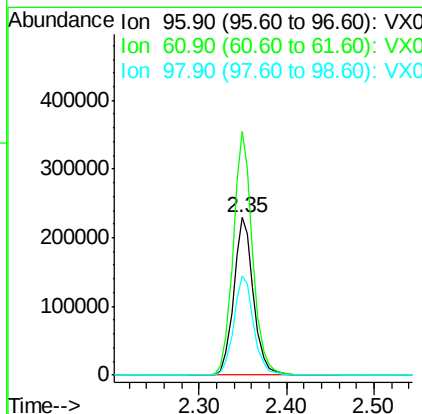
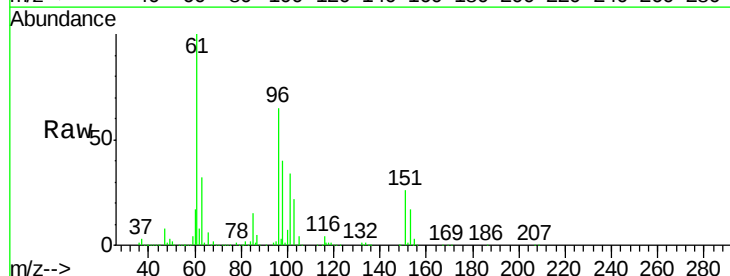
MMDadoda
6/16/2020 3:23:15 PM

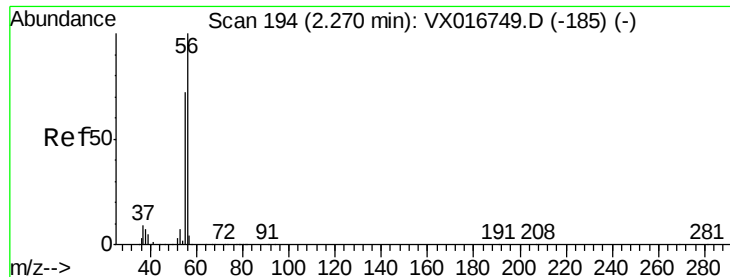


#12

1,1-Dichloroethene
Concen: 143.841 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.4	124.1	186.1
98	98	62.4	52.7	79.1





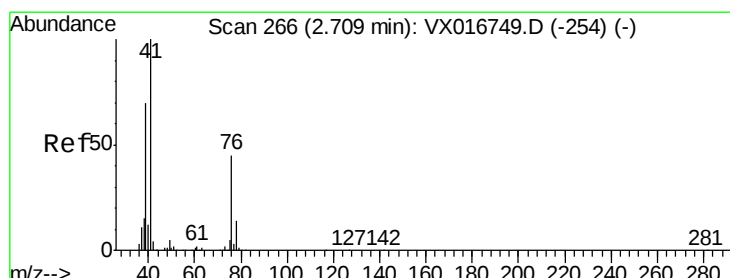
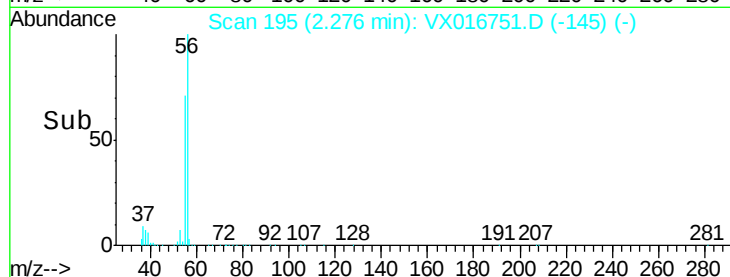
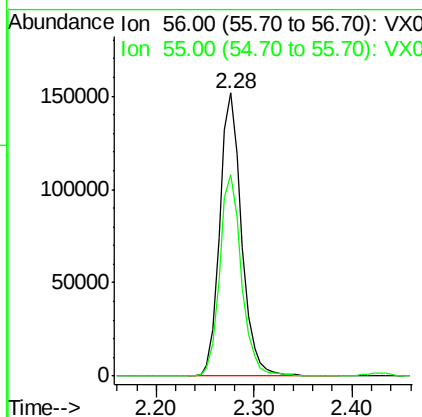
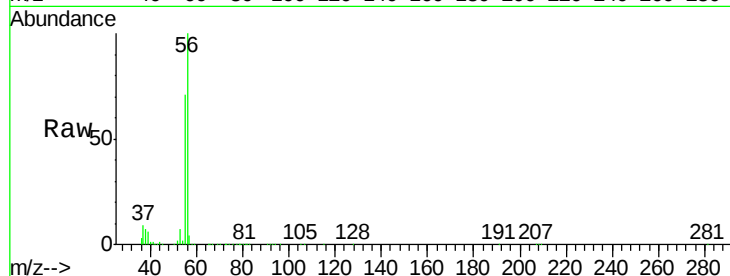
#13
Acrolein
Concen: 683.727 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.8	58.2	87.4

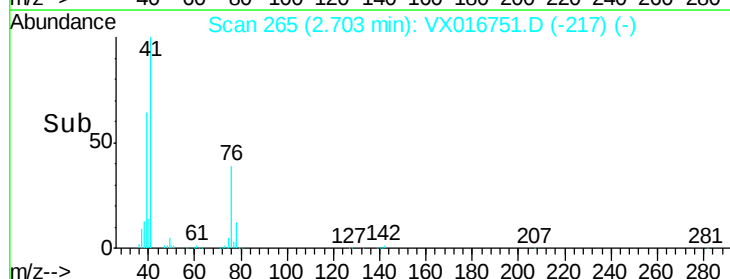
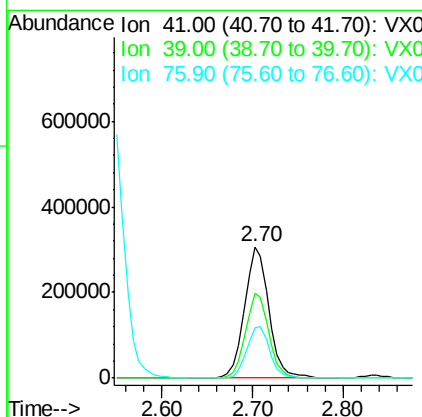
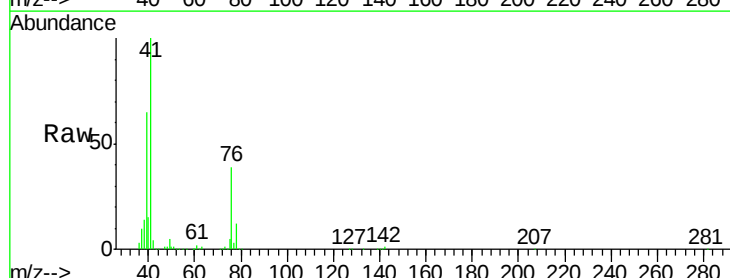
Manual Integrations
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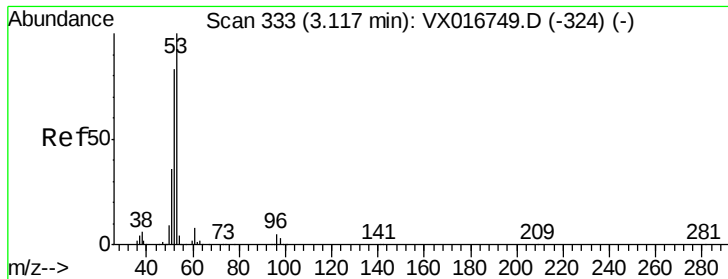
MMDadoda
6/16/2020 3:23:15 PM



#14
Allyl chloride
Concen: 127.630 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.8	50.2	75.4
76	76	37.6	30.4	45.6





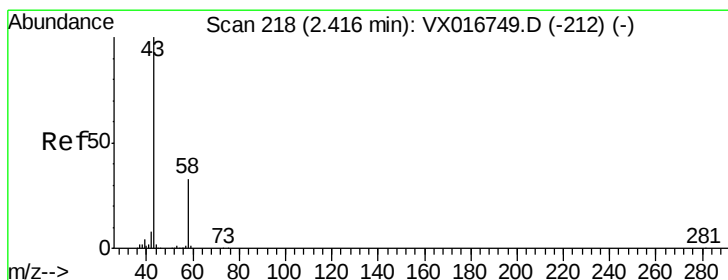
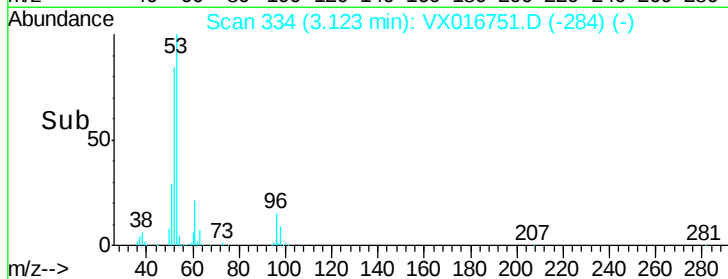
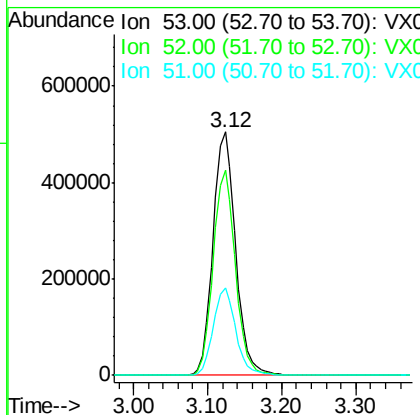
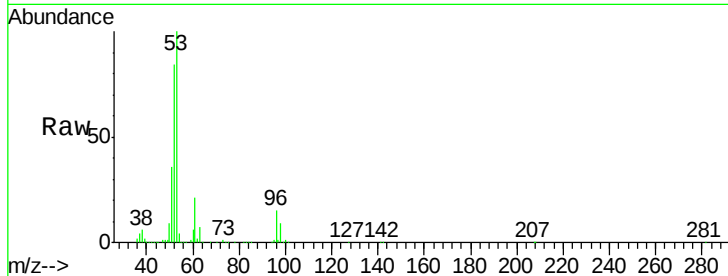
#15
 Acrylonitrile
 Concen: 641.718 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	1055759
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.5	98.3
51	36.1	28.6	42.8

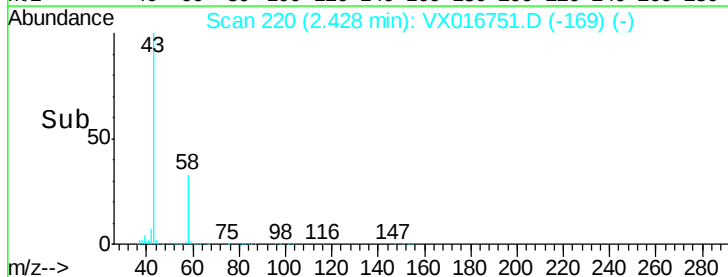
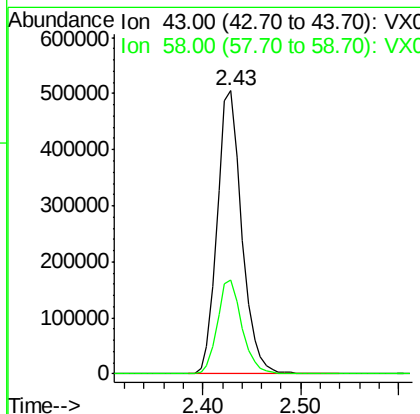
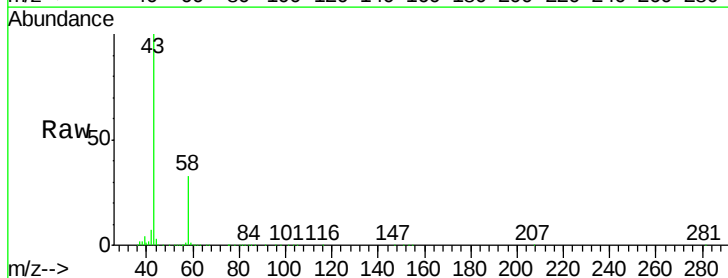
Manual Integrations
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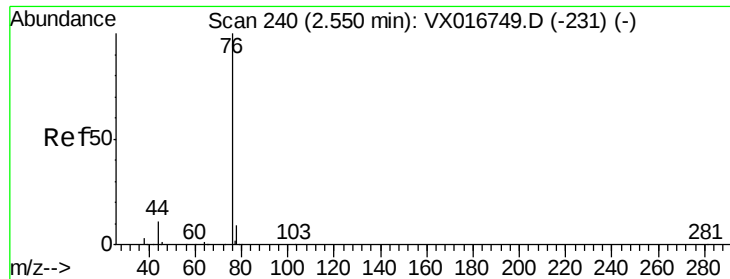
MMDadoda
 6/16/2020 3:23:15 PM



#16
 Acetone
 Concen: 640.931 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion:	43	Resp:	881720
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.3	39.5





#17

Carbon Disulfide

Concen: 138.482 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1018928

Ion Ratio Lower Upper

76 100

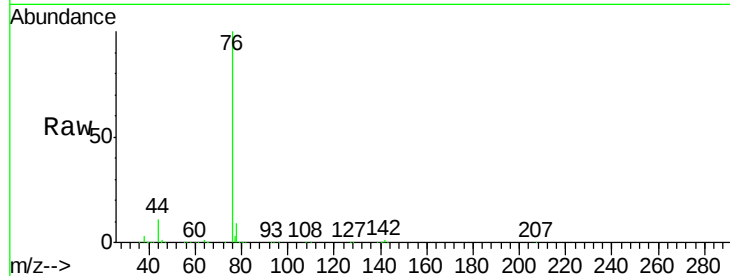
78 9.3 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

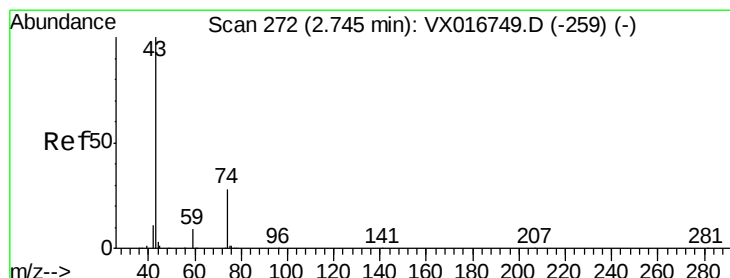
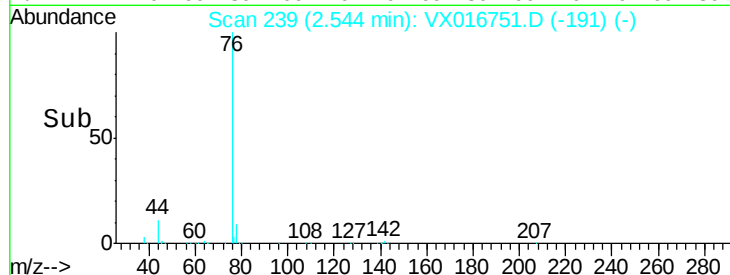
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 143.036 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016751.D

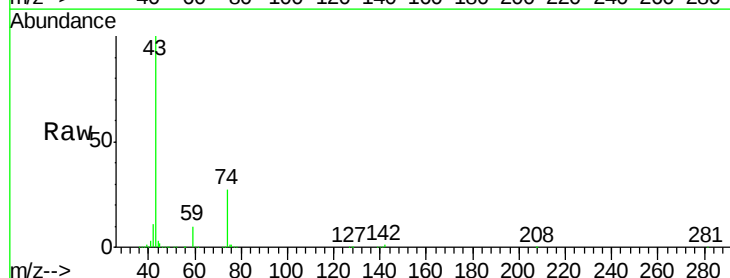
Acq: 15 Jun 2020 13:03

Tgt Ion: 43 Resp: 514244

Ion Ratio Lower Upper

43 100

74 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

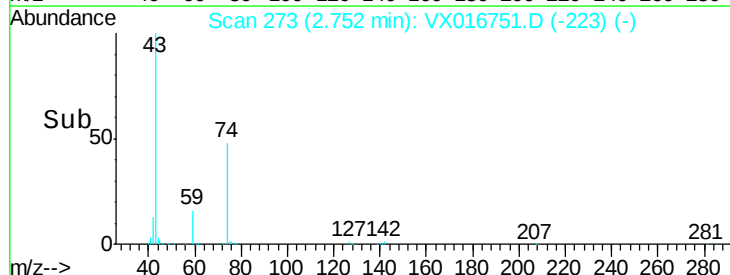
300000

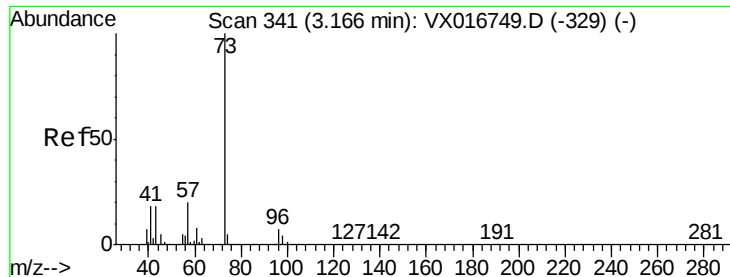
200000

100000

0

Time-->





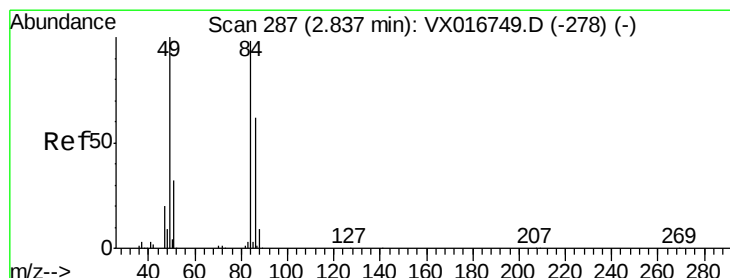
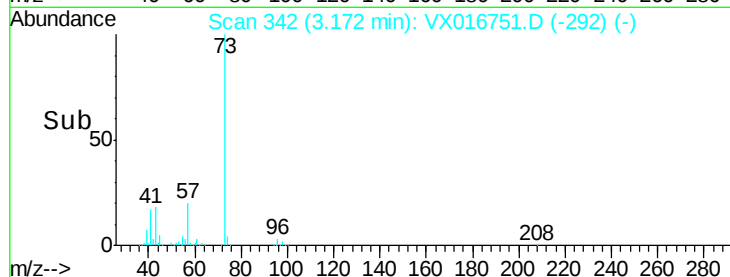
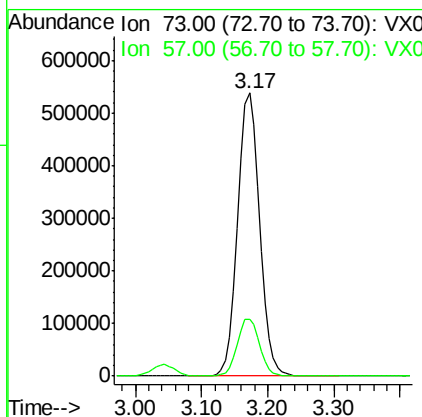
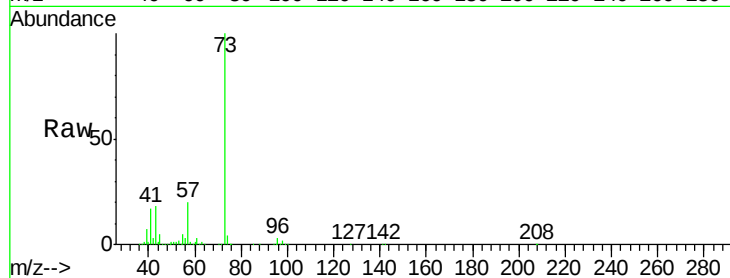
#19
Methvl tert-butvl Ether
Concen: 140.024 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1239327
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4

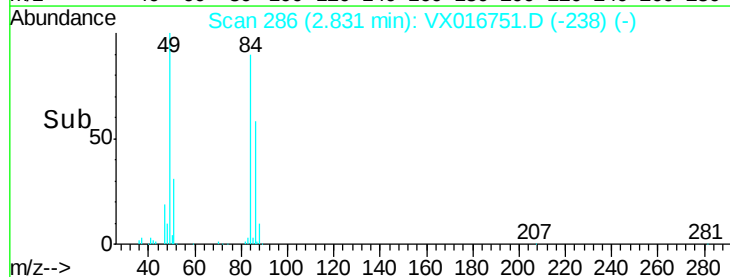
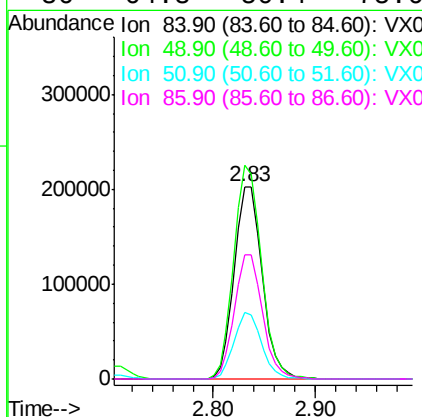
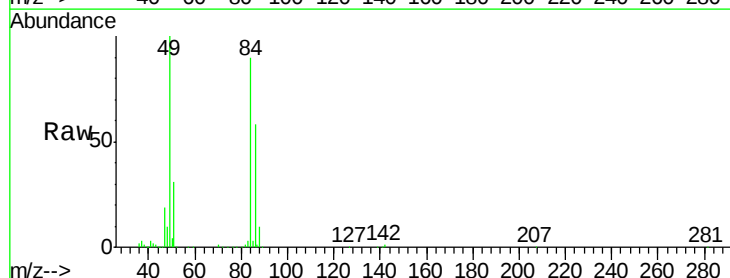
Manual Integrations
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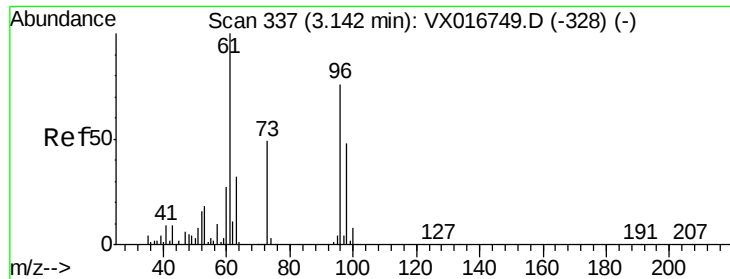
MMDadoda
6/16/2020 3:23:15 PM



#20
Methylene Chloride
Concen: 133.909 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 84 Resp: 387161
Ion Ratio Lower Upper
84 100
49 111.0 81.8 122.8
51 34.5 25.8 38.8
86 64.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 140.432 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

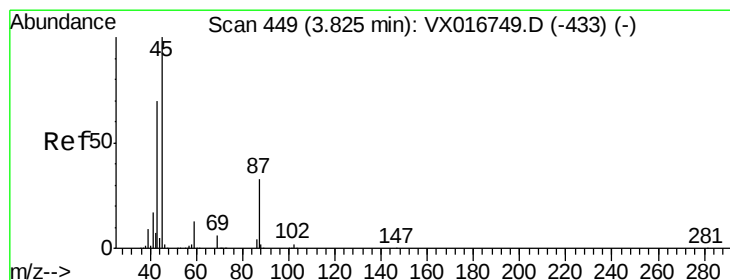
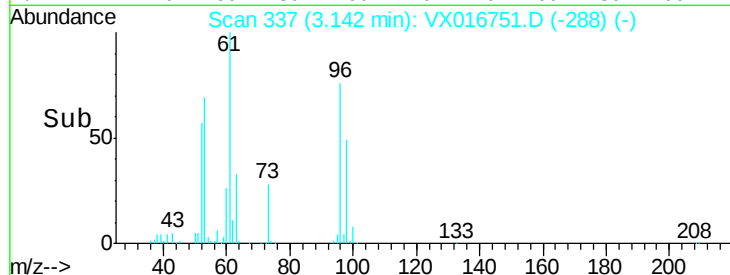
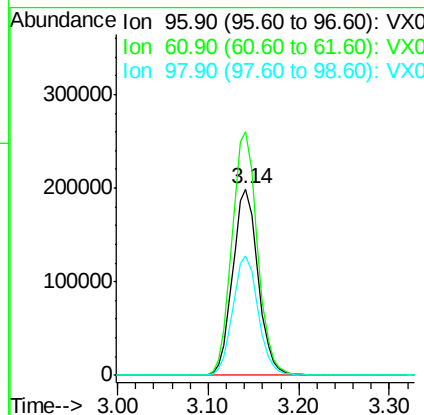
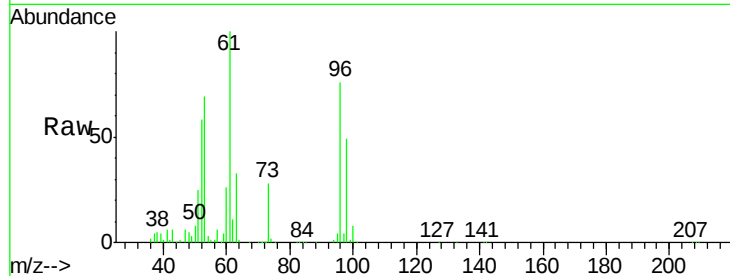
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	385681
Ion	Ratio	Lower	Upper
96	100		
61	130.8	105.4	158.2
98	64.2	50.8	76.2

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 124.171 ug/l

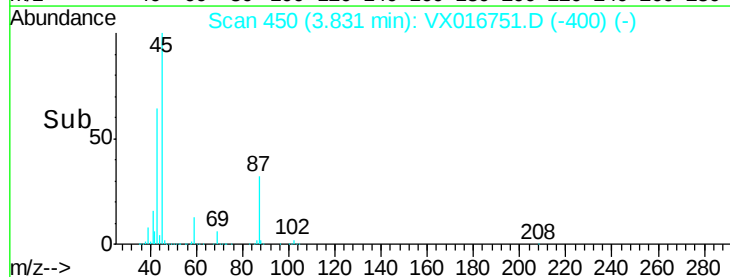
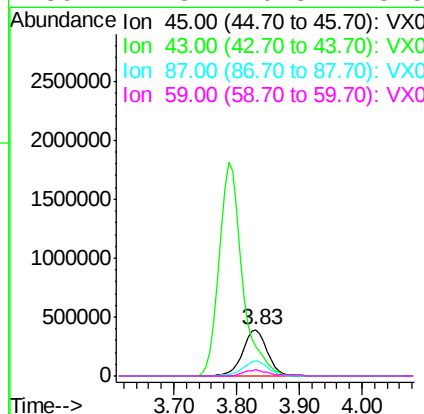
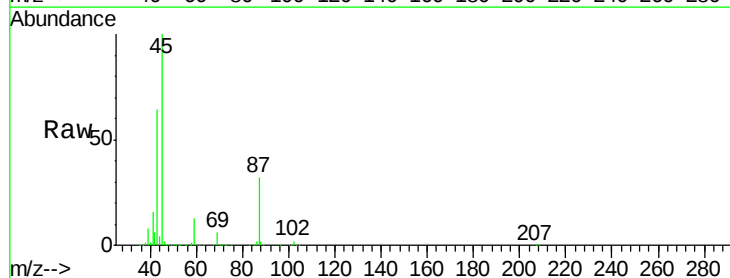
RT: 3.83 min Scan# 450

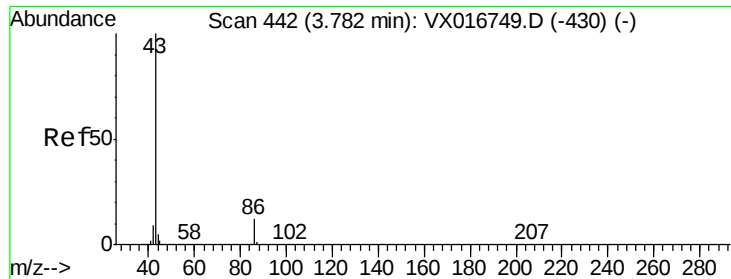
Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion:	45	Resp:	1060181
Ion	Ratio	Lower	Upper
45	100		
43	63.6	56.2	84.4
87	31.6	26.2	39.4
59	12.8	10.3	15.5





#23

Vinyl Acetate

Concen: 624.986 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4636570

Ion Ratio Lower Upper

43 100

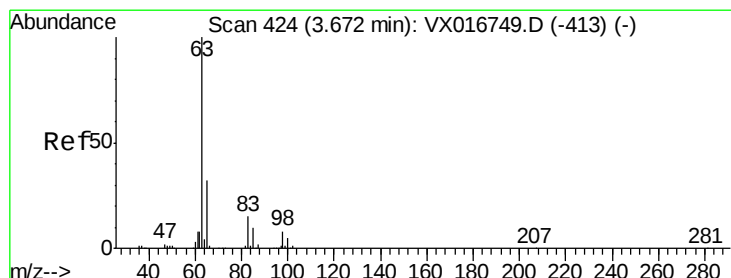
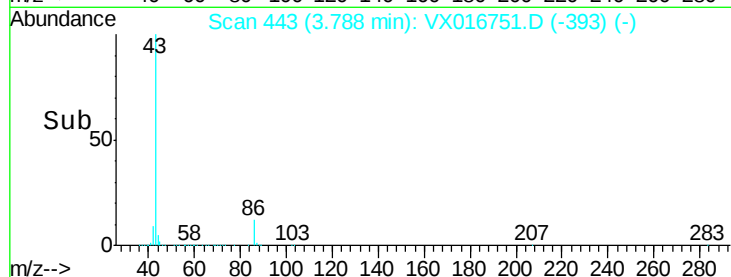
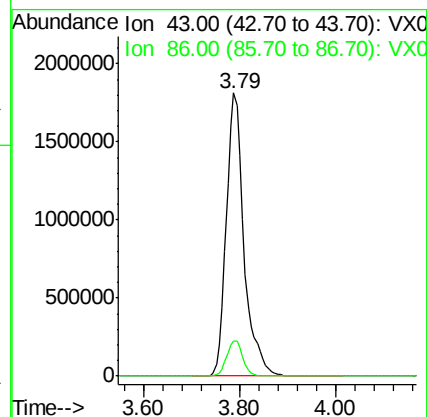
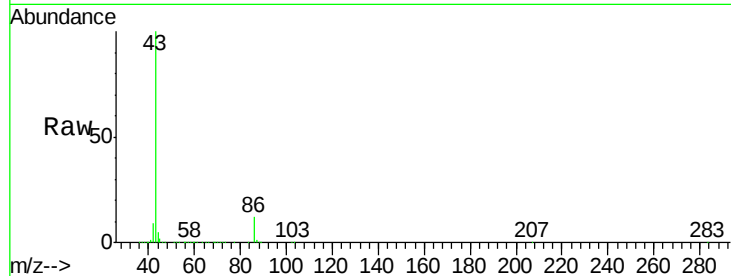
86 12.3 9.8 14.8

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:15 PM



#24

1,1-Dichloroethane

Concen: 132.815 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

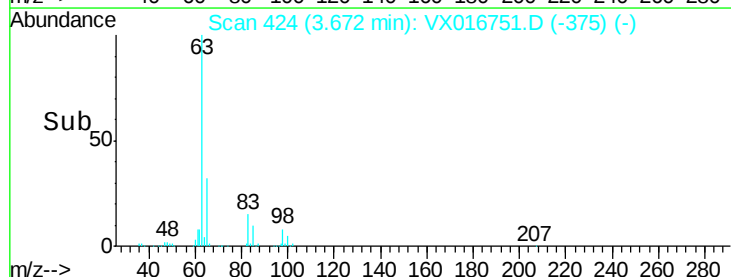
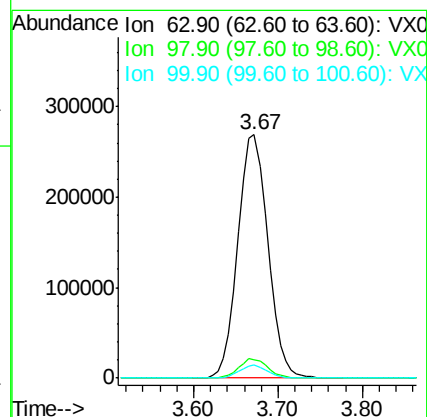
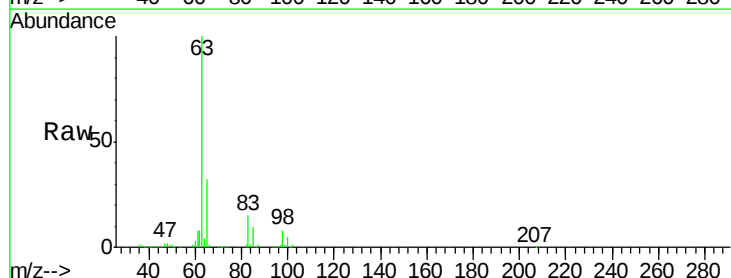
Tgt Ion: 63 Resp: 650103

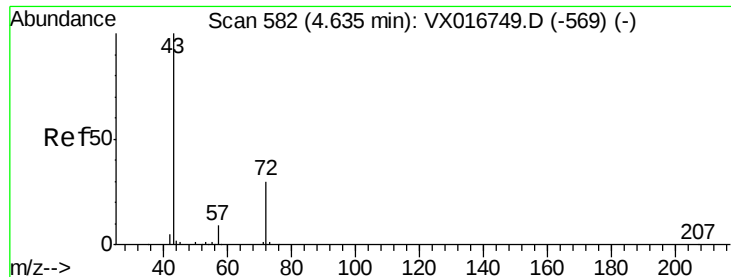
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.4 2.3 6.9





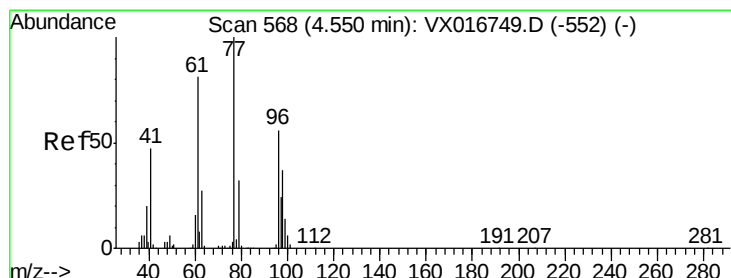
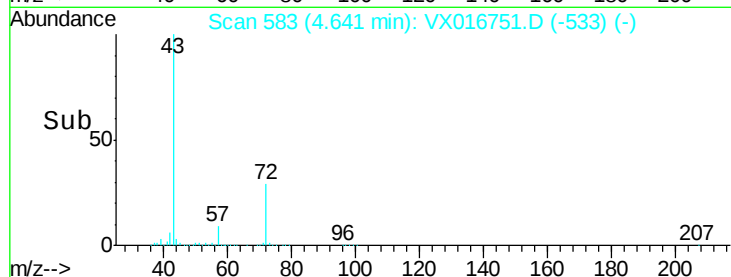
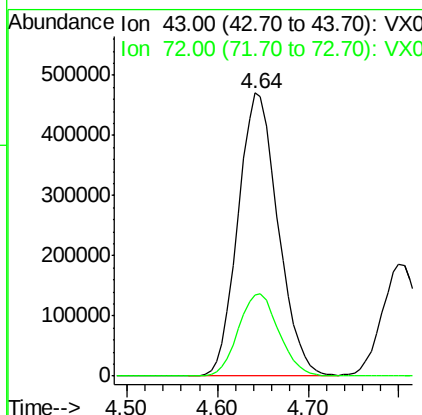
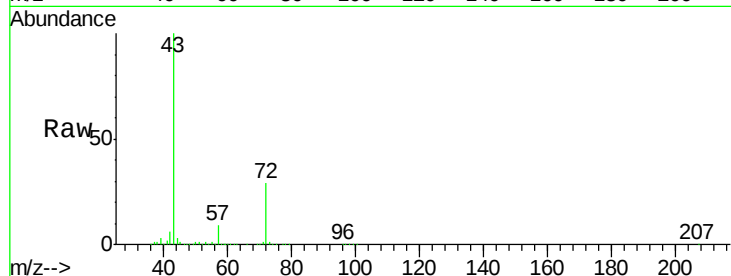
#25
2-Butanone
Concen: 624.423 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1438972
Ion Ratio Lower Upper
43 100
72 28.6 24.2 36.4

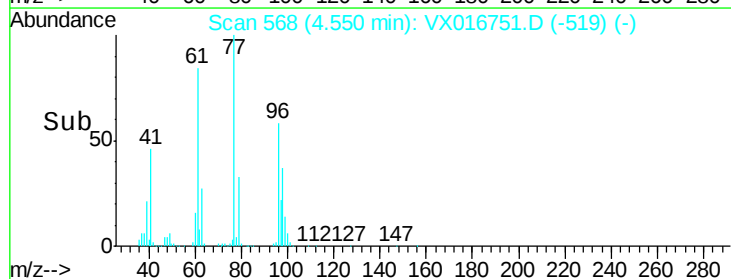
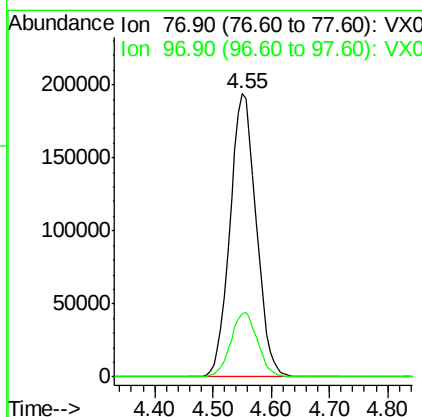
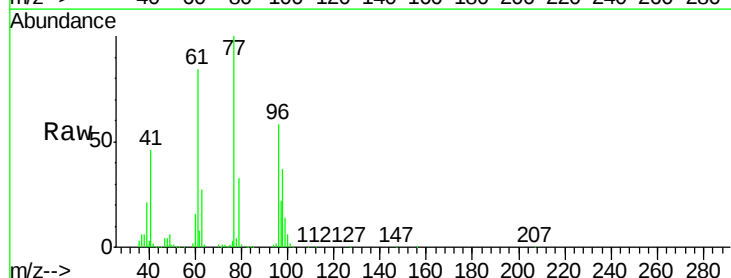
Manual Integrations
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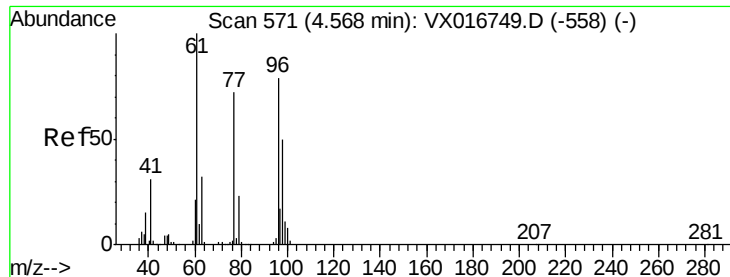
MMDadoda
6/16/2020 3:23:15 PM



#26
2,2-Dichloropropane
Concen: 146.802 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 77 Resp: 605665
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.4





#27

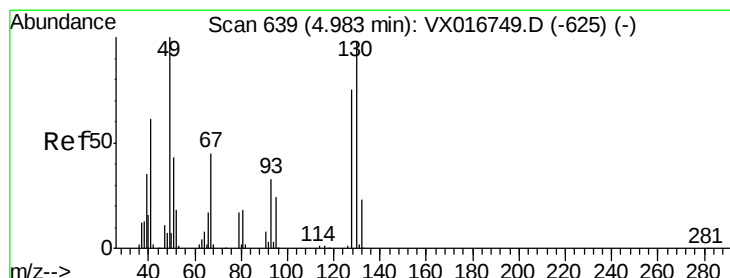
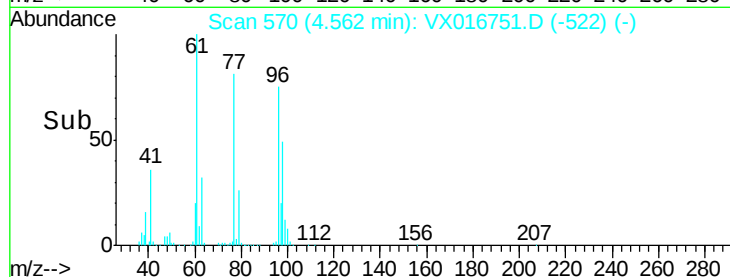
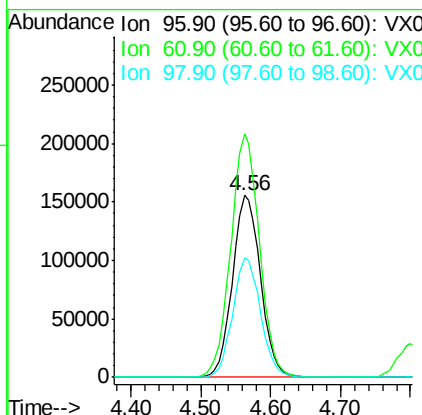
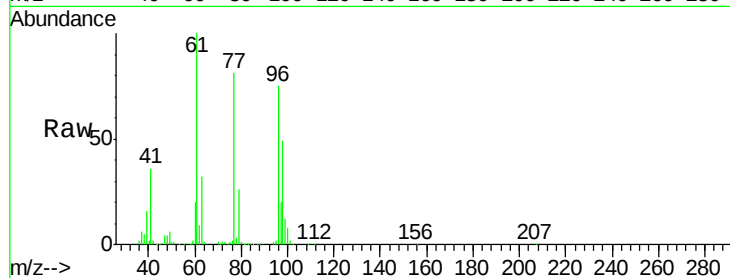
cis-1,2-Dichloroethene
Concen: 136.941 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	432946		
61	137.3	0.0	276.2	
98	65.2	0.0	130.0	

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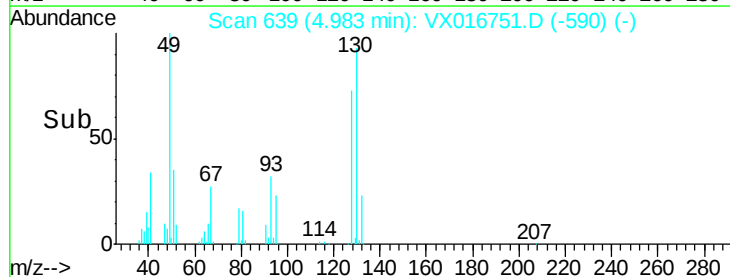
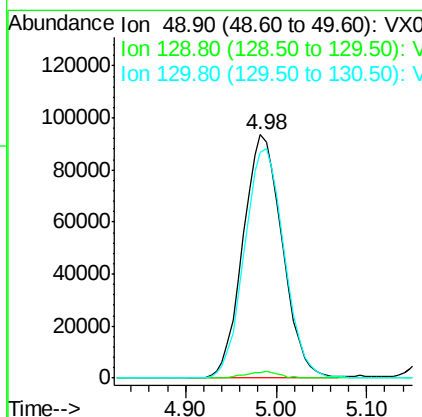
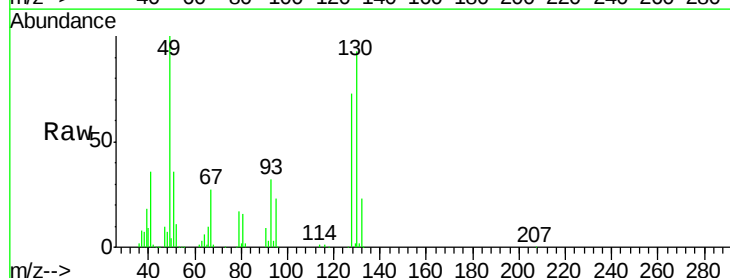
MMDadoda
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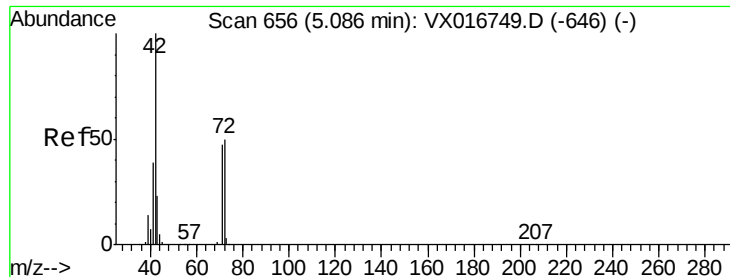


#28

Bromochloromethane
Concen: 124.528 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	281321		
129	2.4	0.0	2.8	
130	95.2	76.0	114.0	





#29

Tetrahydrofuran

Concen: 620.971 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

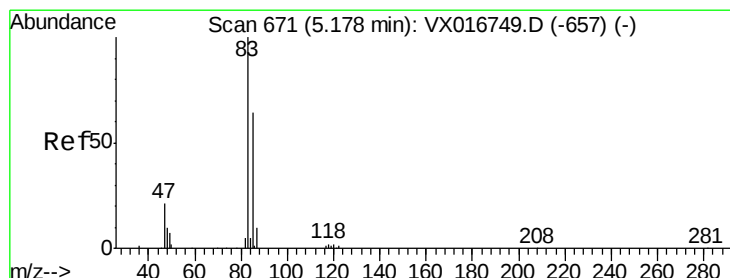
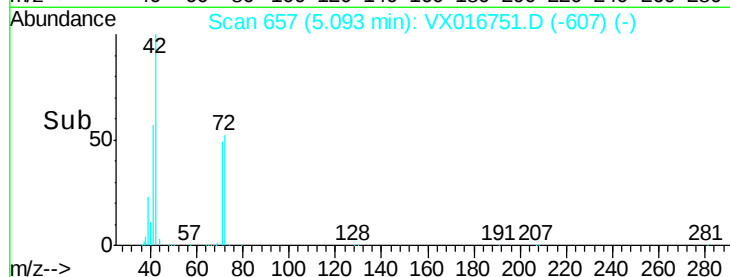
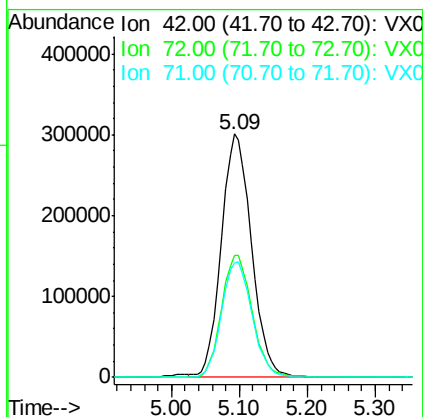
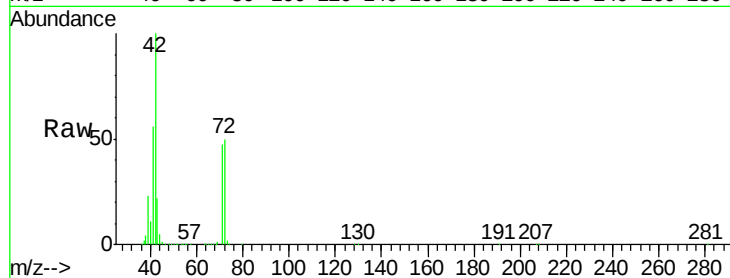
ClientSampleId :

VSTDIC150

Tot Ion:	42	Resp:	923095
Ion Ratio		Lower	Upper
42	100		
72	51.1	41.0	61.6
71	48.0	38.2	57.4

Manual Integrations
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#30

Chloroform

Concen: 138.828 ug/l

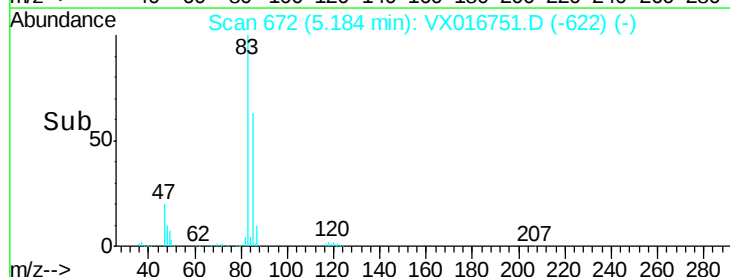
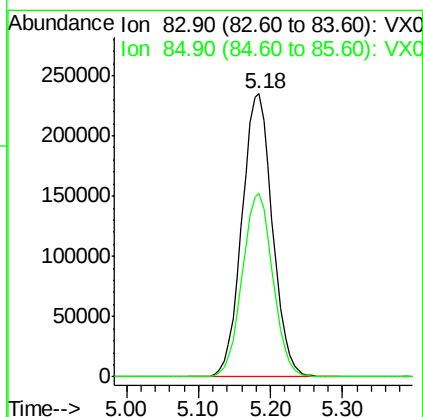
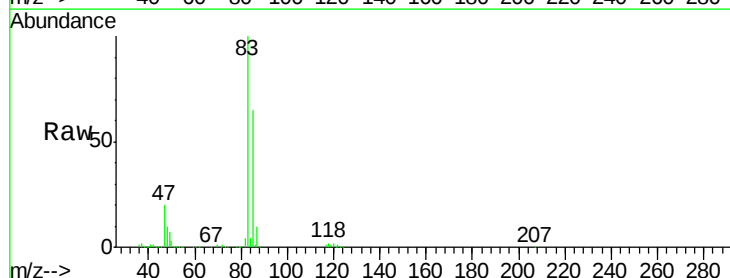
RT: 5.18 min Scan# 672

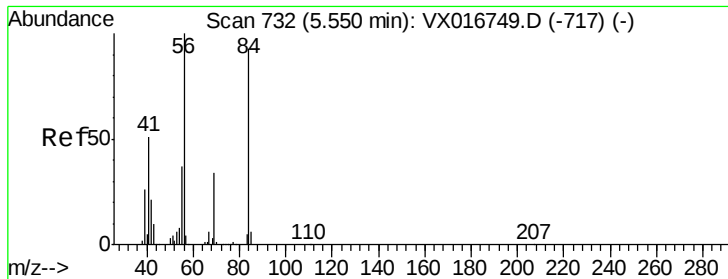
Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion:	83	Resp:	690480
Ion Ratio		Lower	Upper
83	100		
85	64.6	50.8	76.2





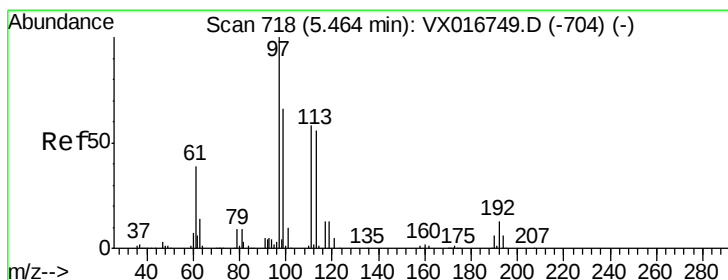
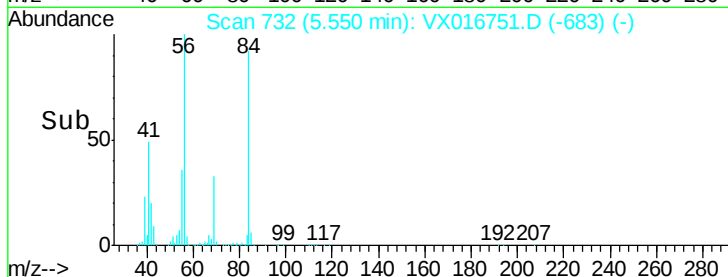
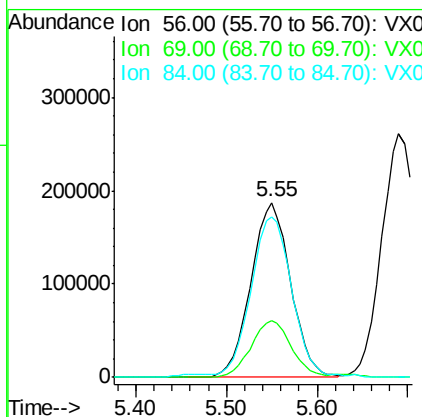
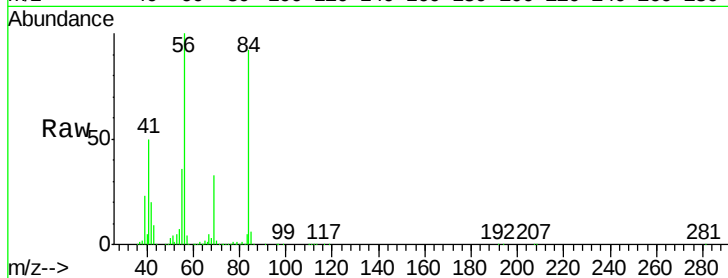
#31
Cyclohexane
Concen: 129.822 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.1	40.7
84	90.7	74.0	111.0

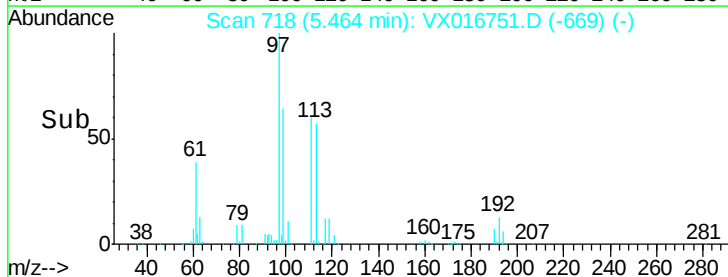
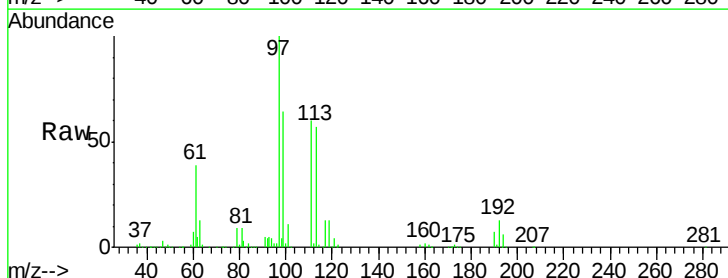
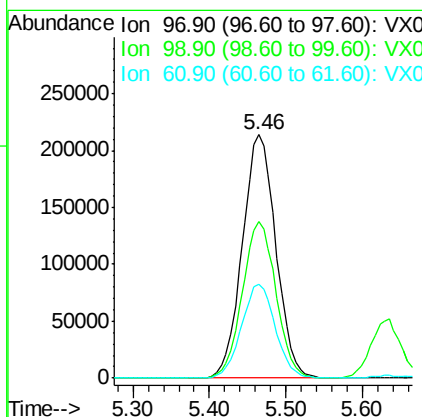
Manual Integrations
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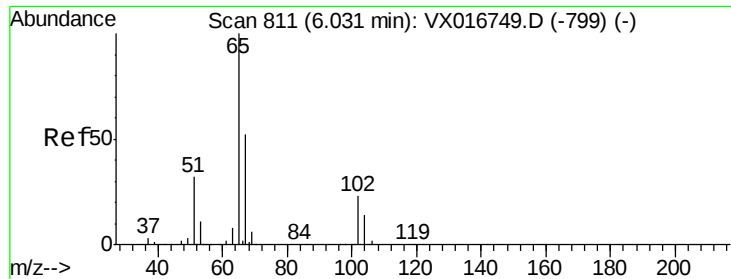
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#32
1,1,1-Trichloroethane
Concen: 143.951 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	39.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 139.656 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 442759

Ion Ratio Lower Upper

65 100

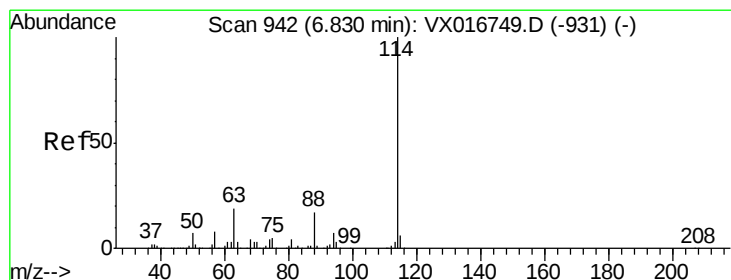
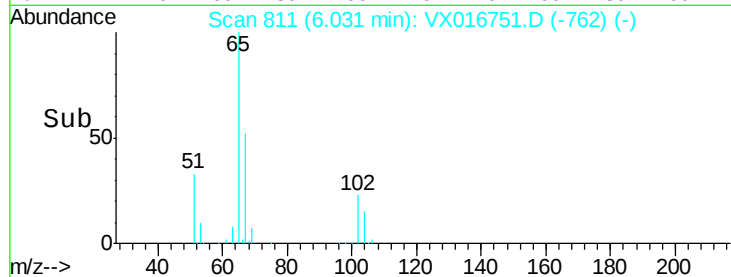
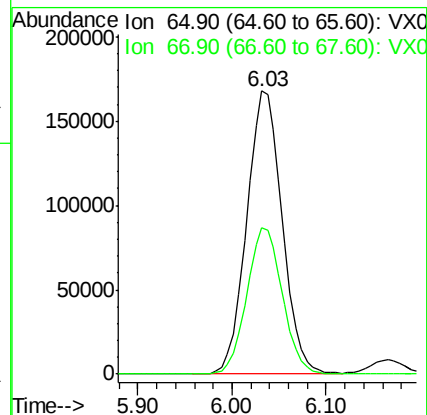
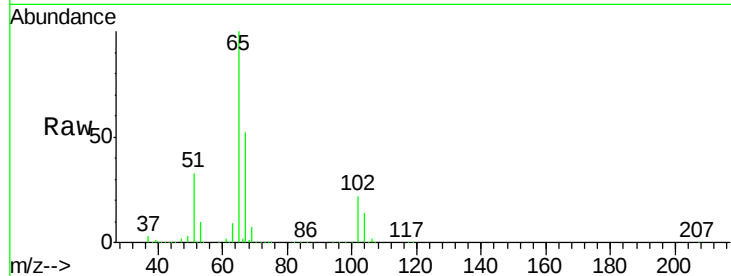
67 51.9 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

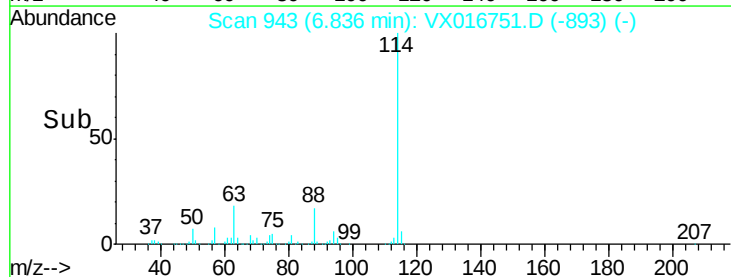
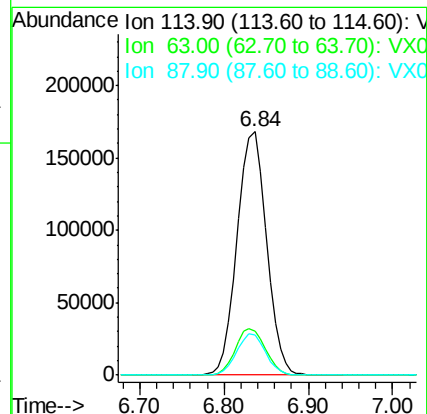
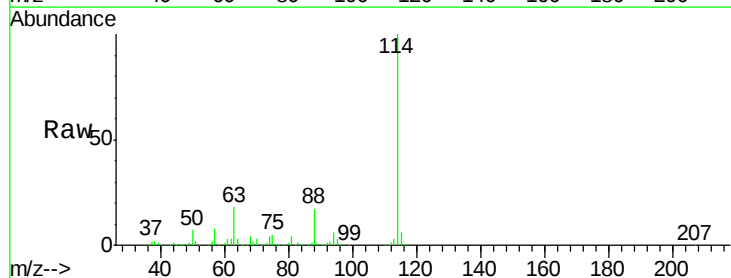
Tgt Ion: 114 Resp: 397784

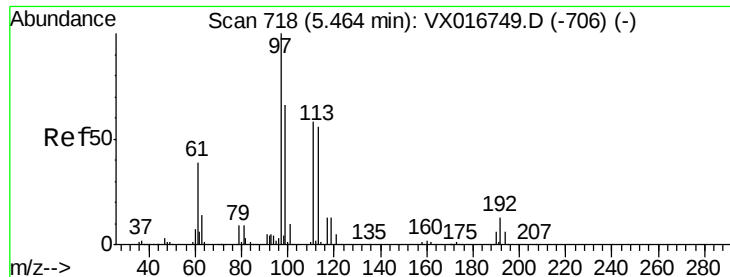
Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.8

88 16.6 0.0 33.4





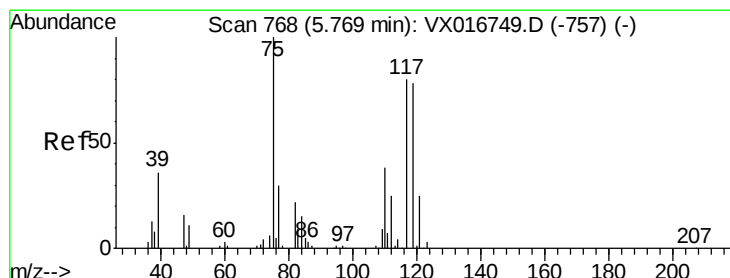
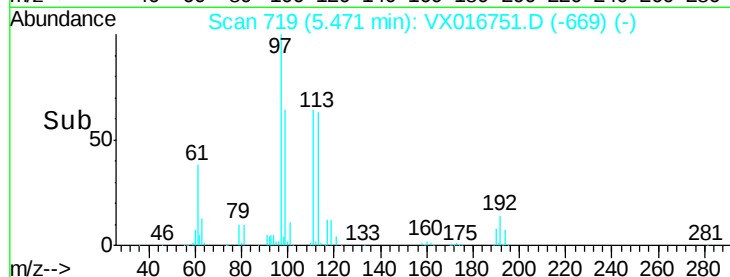
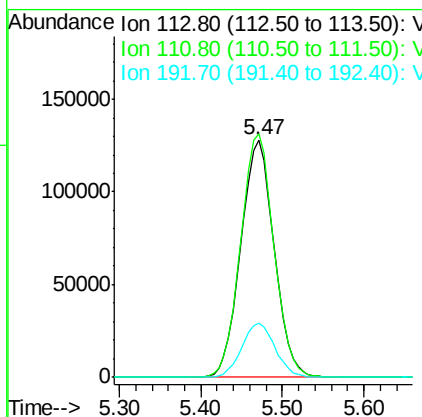
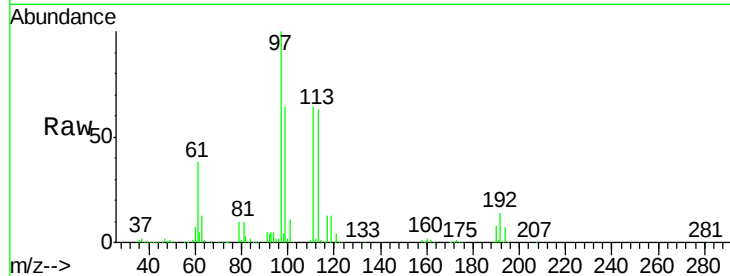
#35
 Dibromofluoromethane
 Concen: 148.837 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	363519		
111	102.5	81.8	122.6	
192	22.9	18.2	27.4	

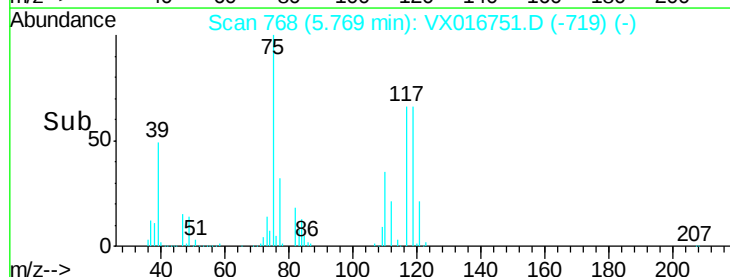
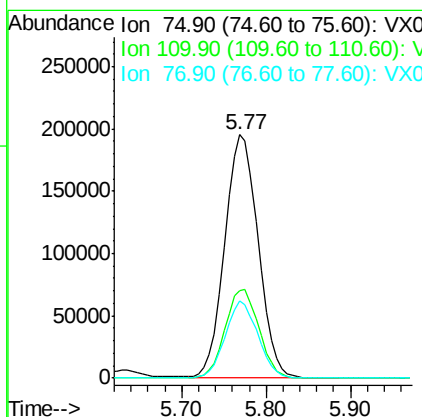
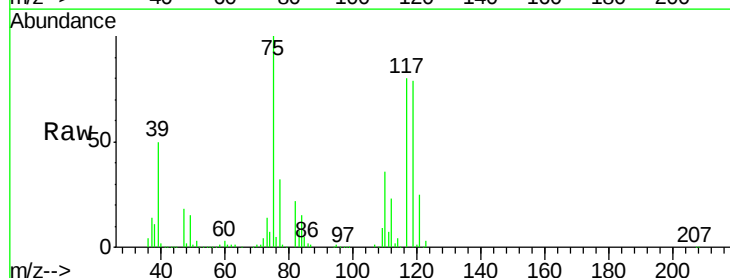
Manual Integrations
 APPROVED

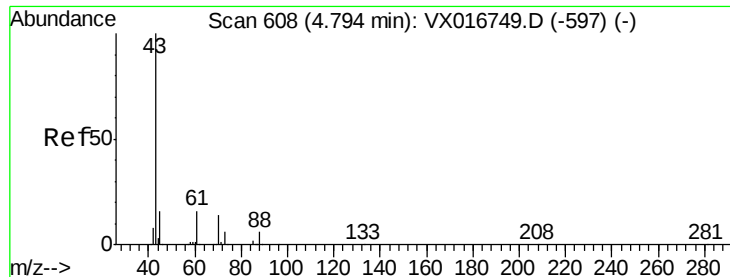
MMDadoda
 6/16/2020 3:23:15 PM



#36
 1,1-Dichloropropene
 Concen: 141.486 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	526988		
110	36.8	18.4	55.2	
77	30.9	24.7	37.1	





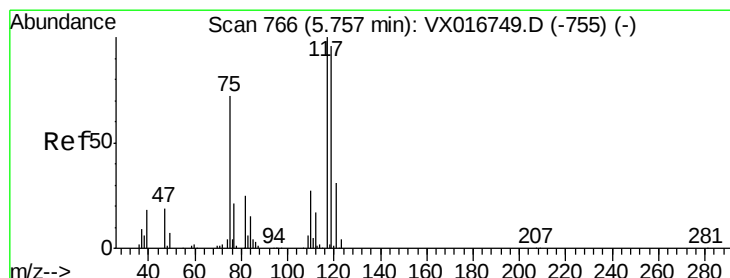
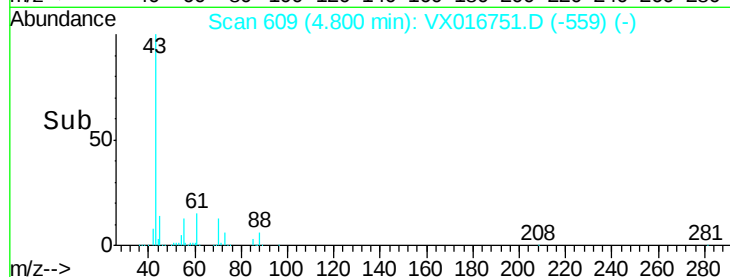
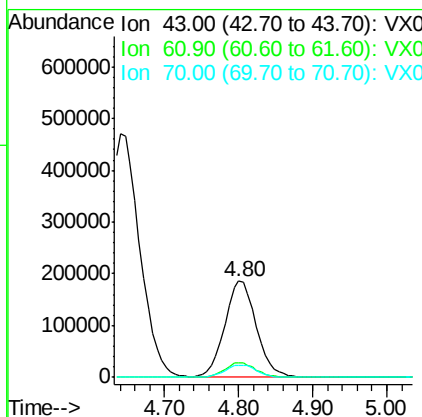
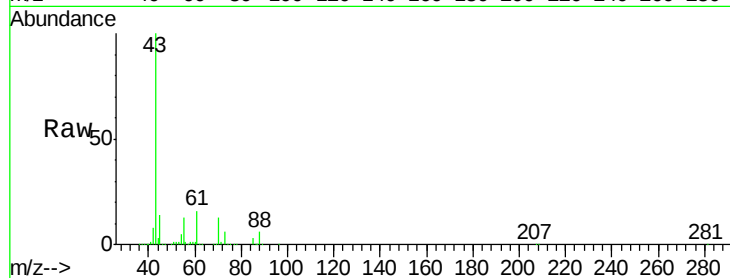
#37
Ethyl Acetate
Concen: 125.830 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.4	18.6
70	13.1	10.8	16.2

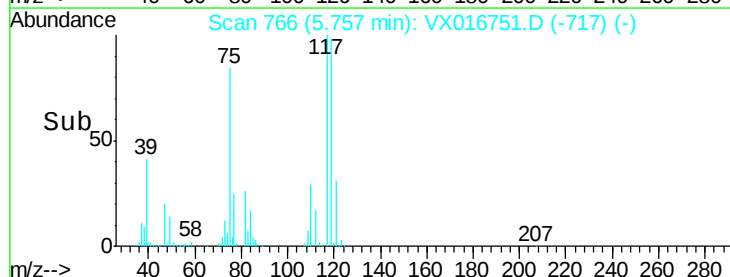
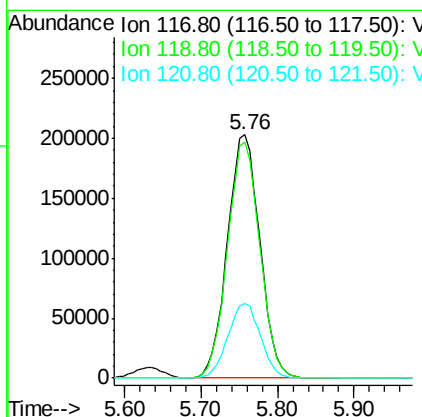
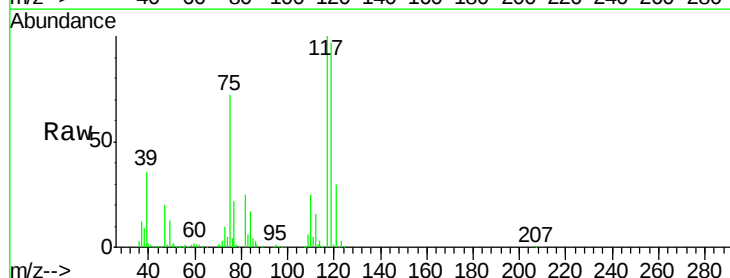
Manual Integrations
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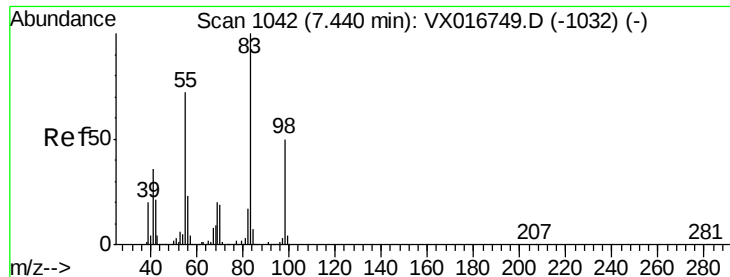
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#38
Carbon Tetrachloride
Concen: 150.073 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.7	115.1
121	30.5	24.7	37.1





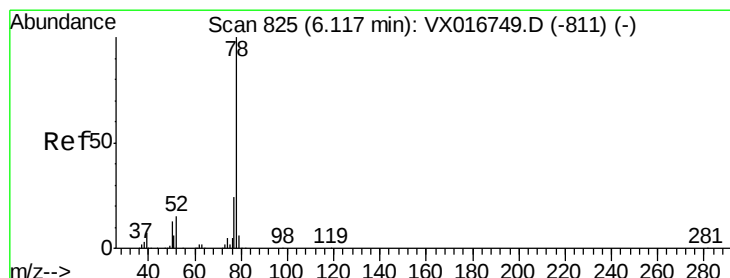
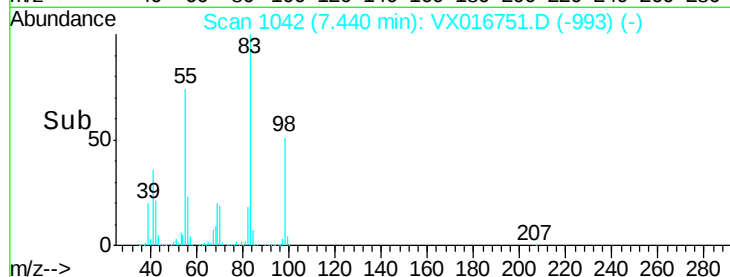
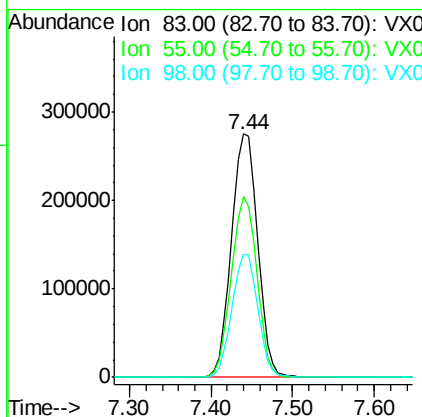
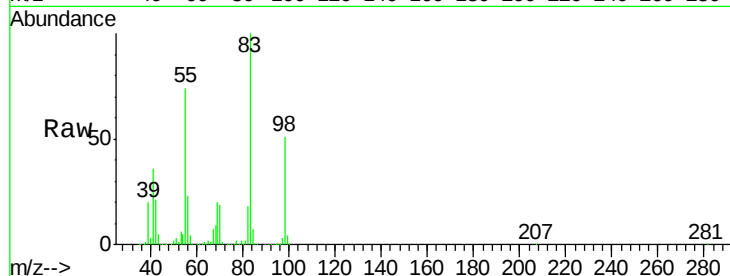
#39
Methvlcvclohexane
Concen: 150.070 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.3	57.3	85.9
98	50.7	40.3	60.5

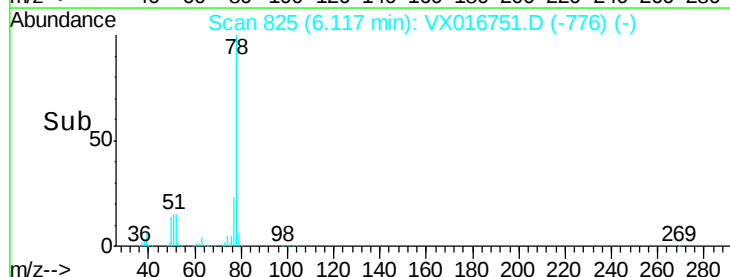
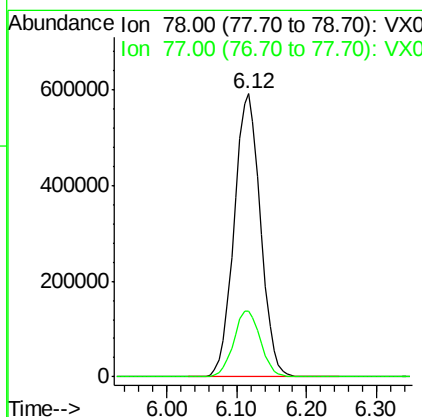
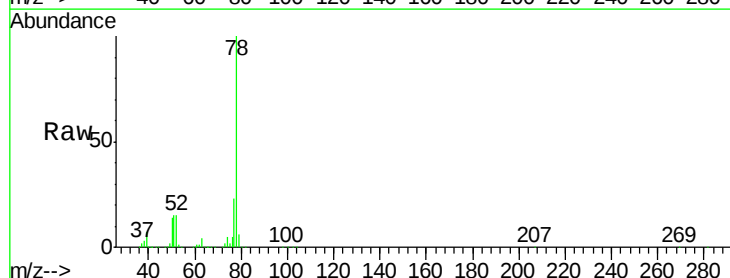
Manual Integrations
APPROVED

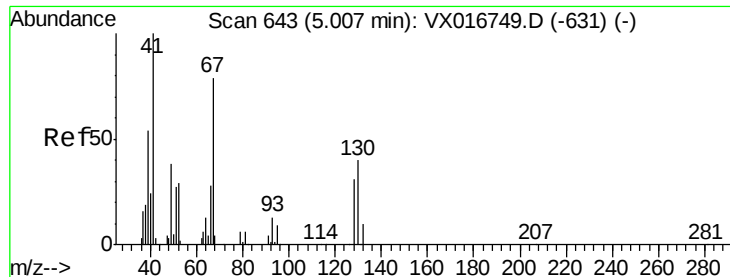
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#40
Benzene
Concen: 139.188 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





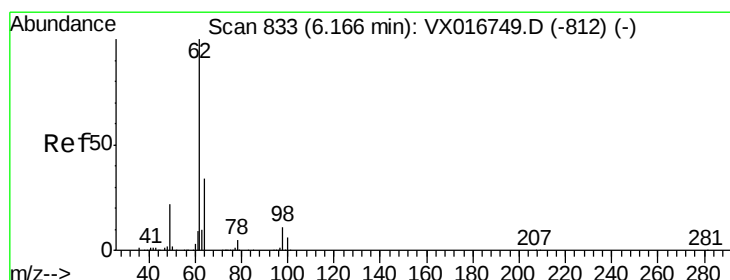
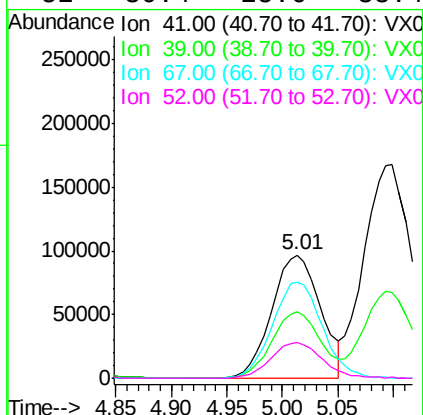
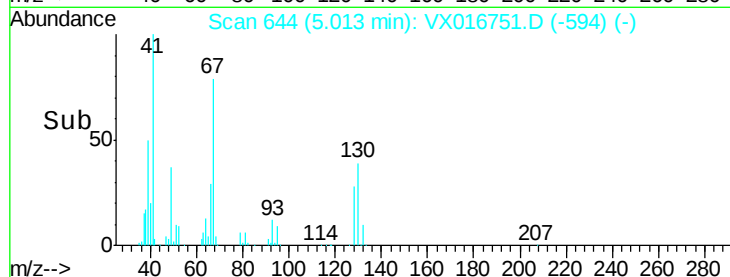
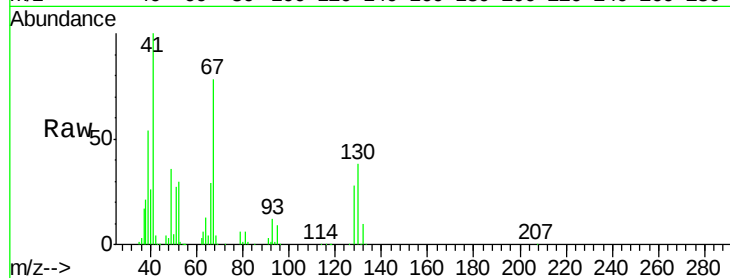
#41
Methacrylonitrile
Concen: 122.716 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		294598		
39	53.4	43.7	65.5		
67	80.4	64.6	96.8		
52	30.4	25.6	38.4		

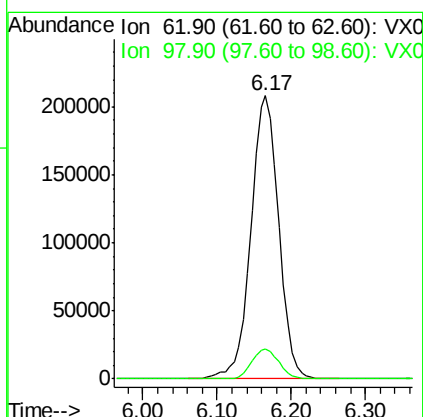
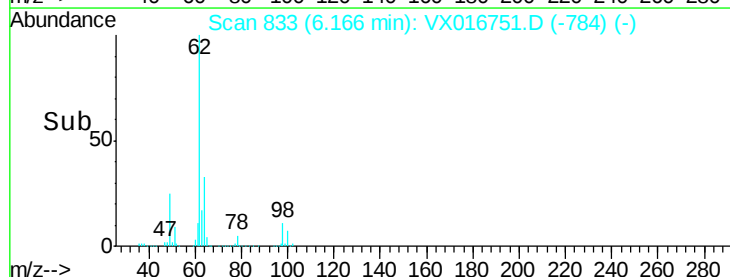
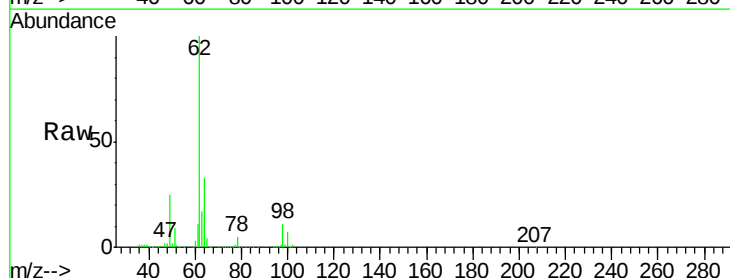
Manual Integrations
APPROVED

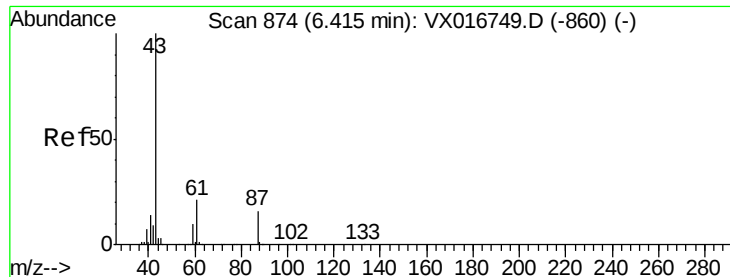
MMDadoda
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#42
1,2-Dichloroethane
Concen: 138.173 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		544497		
98	10.3	0.0	20.2		





#43

Isopropyl Acetate

Concen: 131.112 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

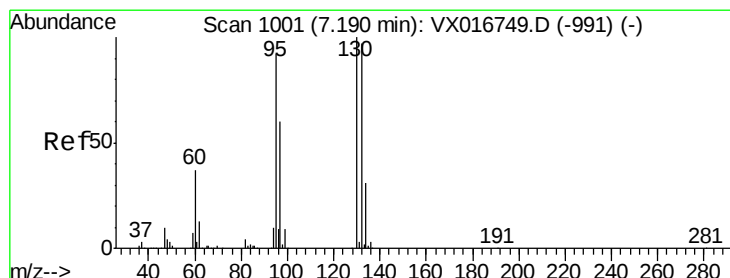
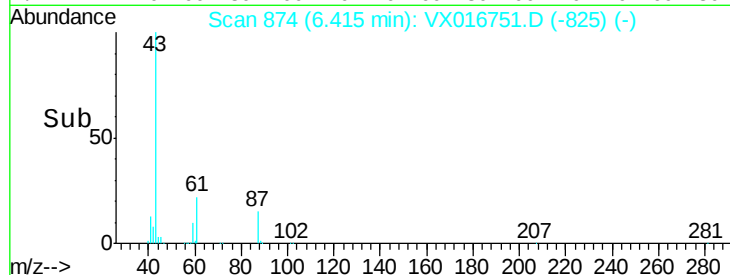
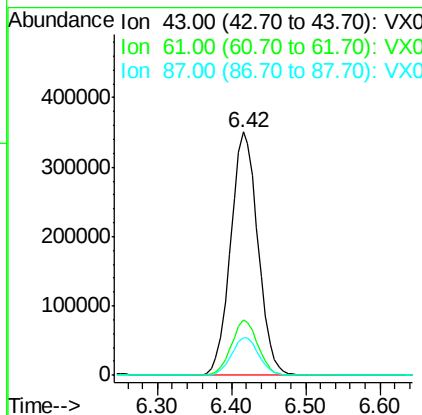
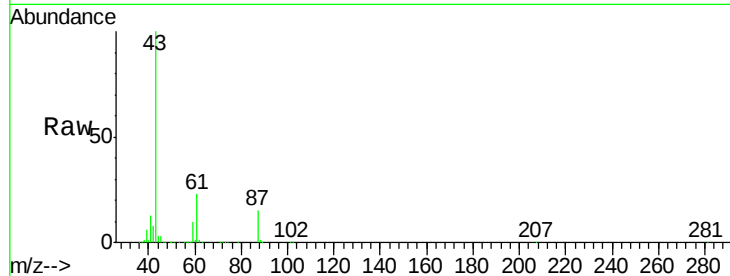
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	896012
Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	15.5	12.5	18.7

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#44

Trichloroethene

Concen: 135.406 ug/l

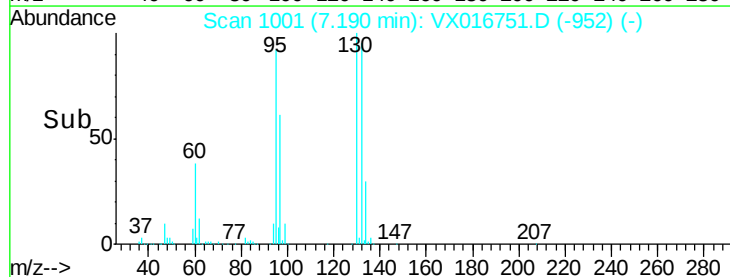
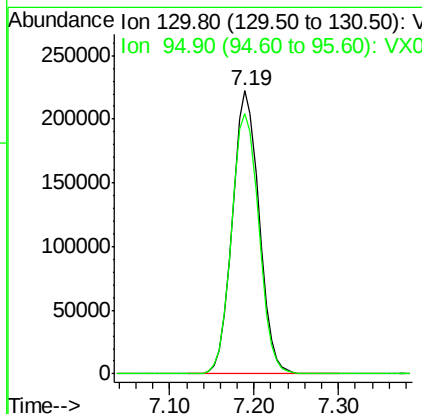
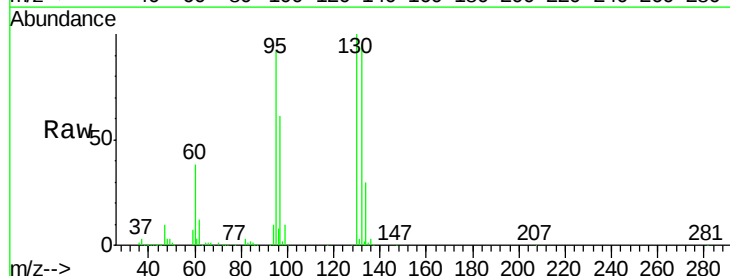
RT: 7.19 min Scan# 1001

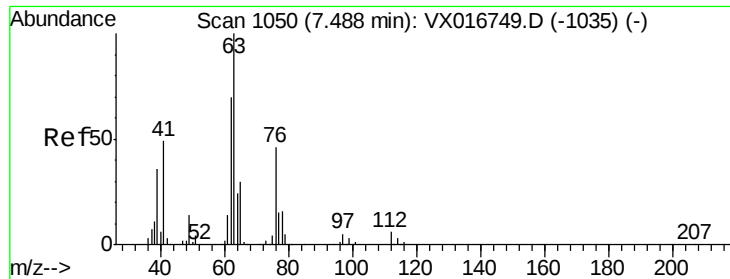
Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion:	130	Resp:	476103
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	183.6





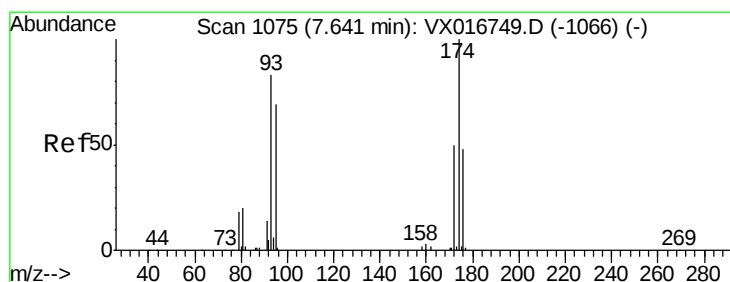
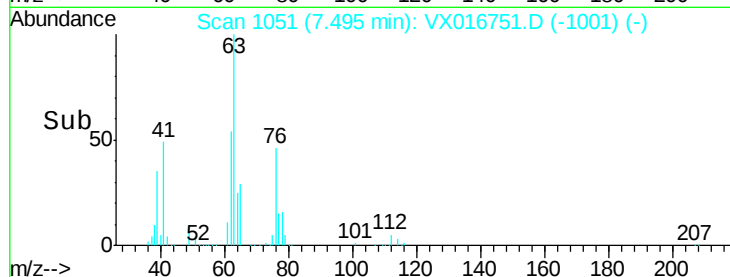
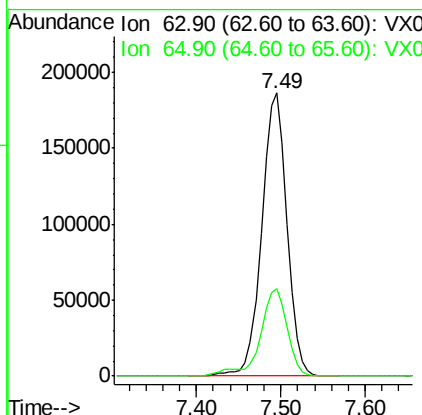
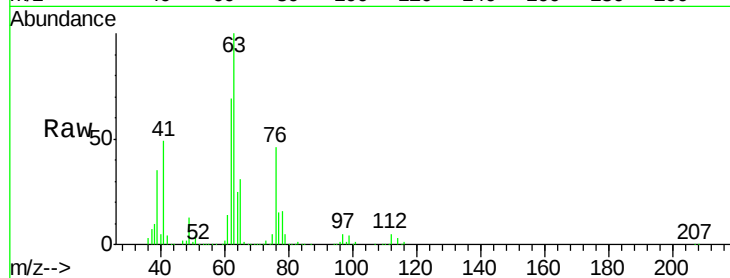
#45
 1,2-Dichloropropane
 Concen: 136.715 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.2	36.2

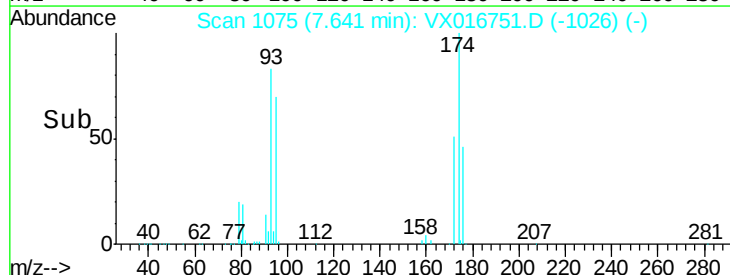
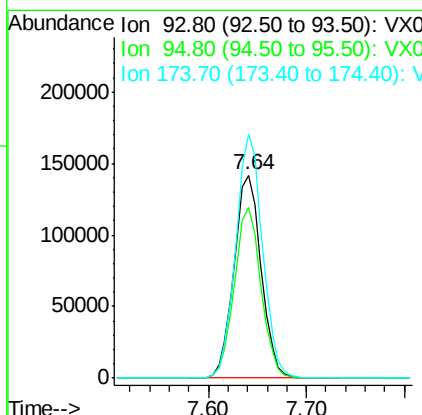
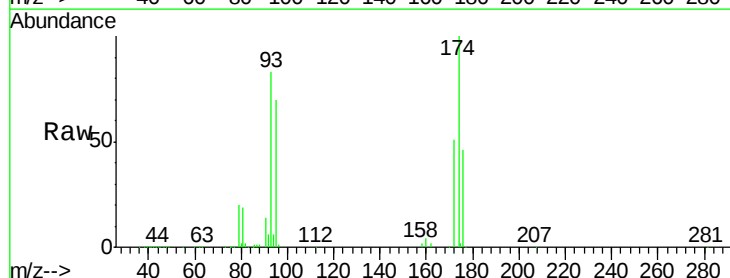
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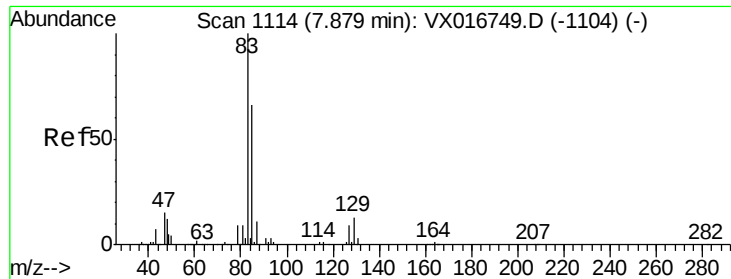
MMDadoda
 6/16/2020 3:23:15 PM



#46
 Dibromomethane
 Concen: 143.745 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.9	100.3
174	118.5	93.8	140.8





#47

Bromodichloromethane

Concen: 146.281 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

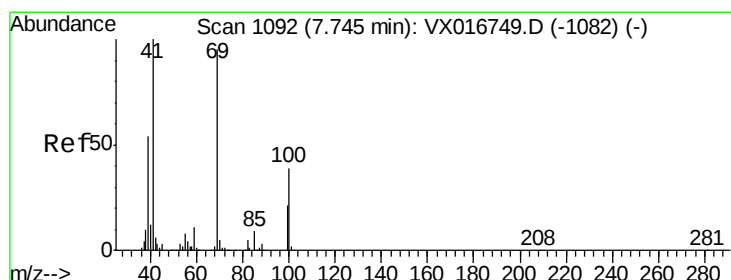
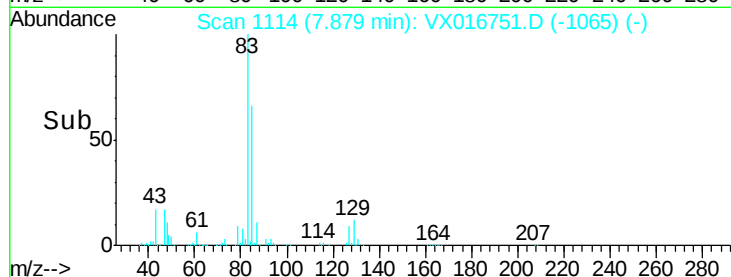
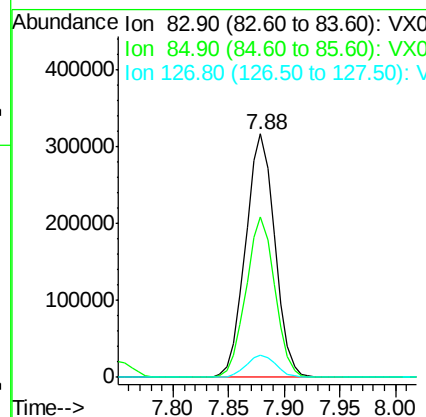
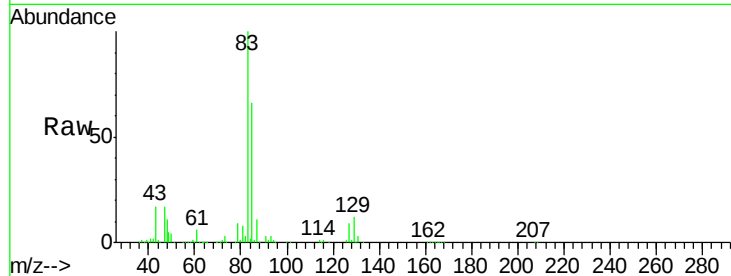
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	576566
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.5	78.7
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 134.654 ug/l

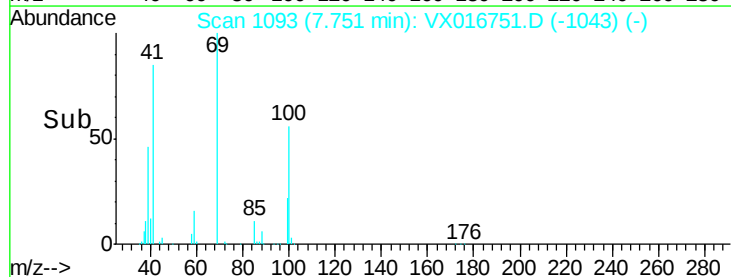
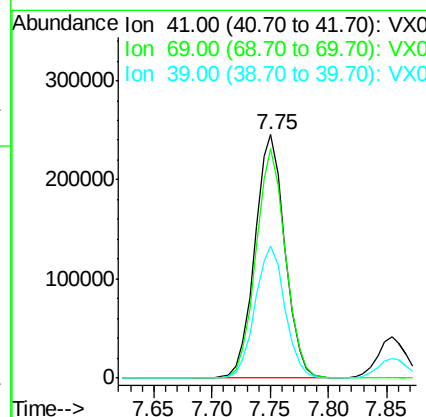
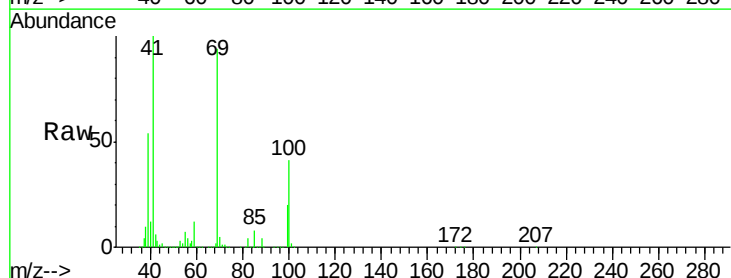
RT: 7.75 min Scan# 1093

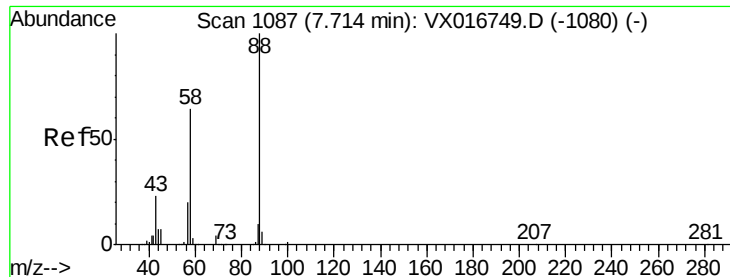
Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion:	41	Resp:	439714
Ion	Ratio	Lower	Upper
41	100		
69	92.8	75.0	112.6
39	54.4	44.3	66.5





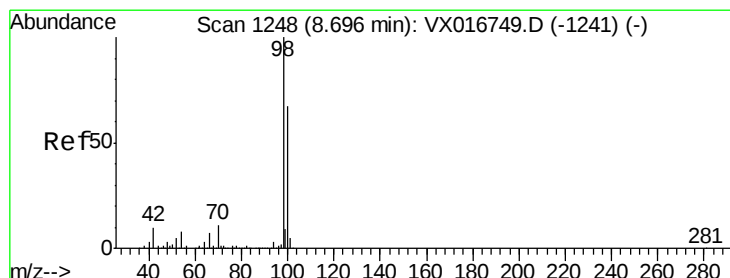
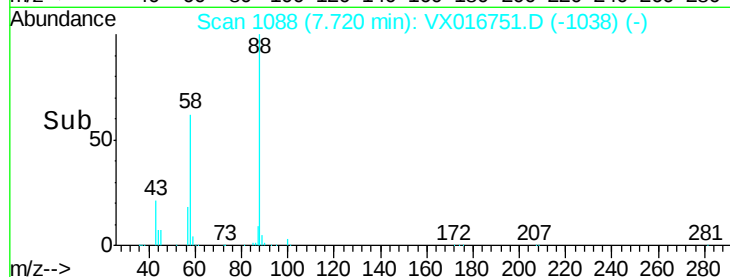
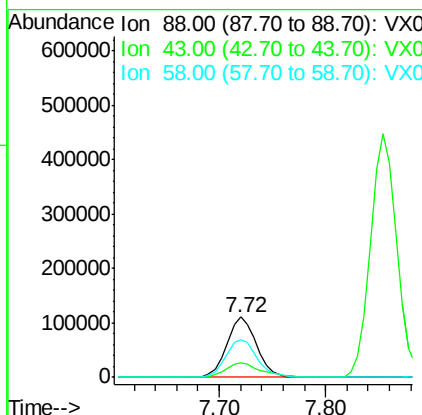
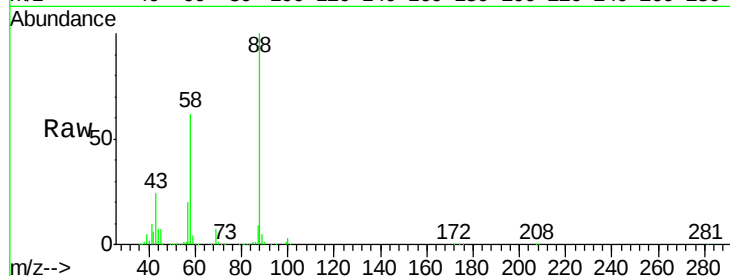
#49
1,4-Dioxane
Concen: 2778.263 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.9	34.3
58	66.9	53.7	80.5

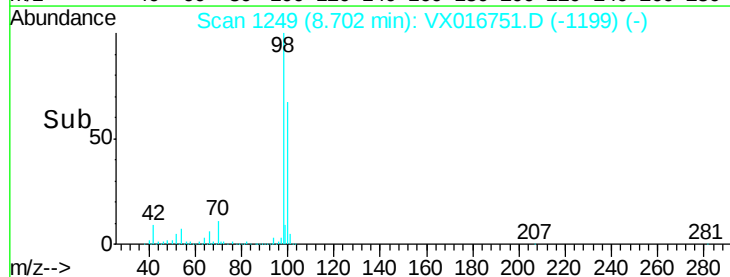
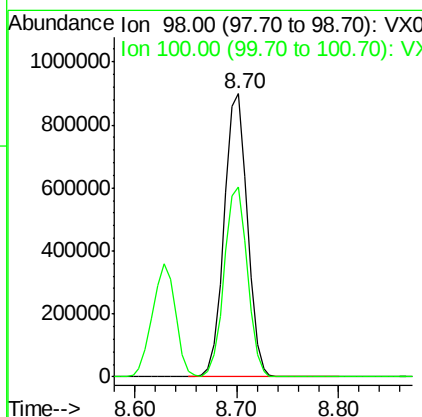
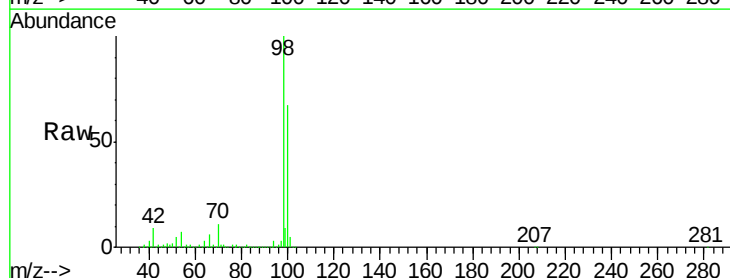
Manual Integrations
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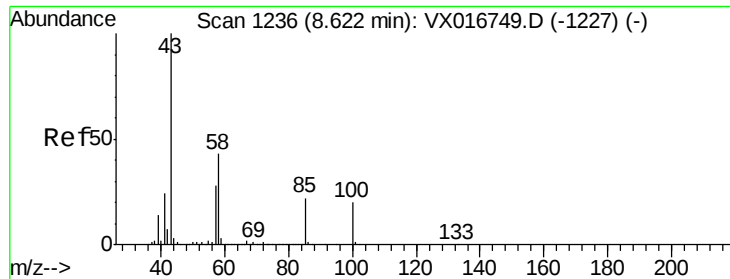
MMDadoda
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#50
Toluene-d8
Concen: 149.841 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.9	80.9





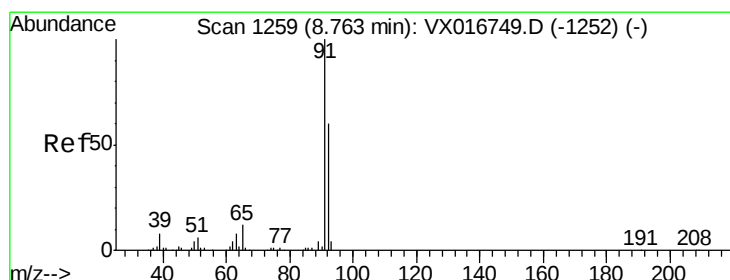
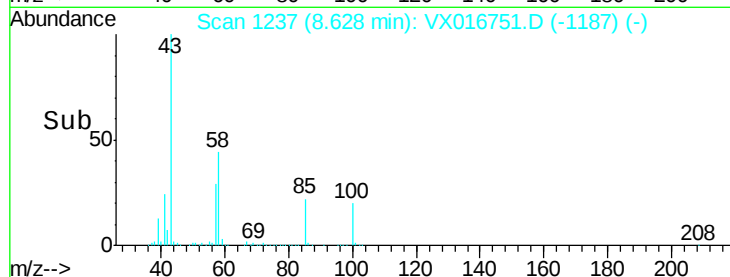
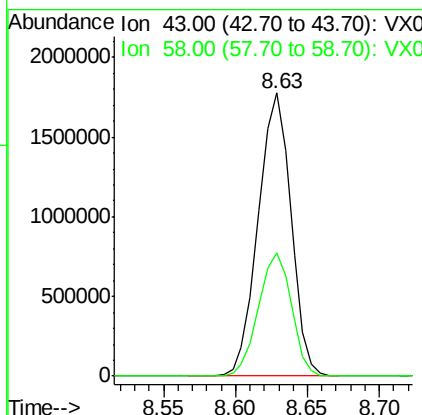
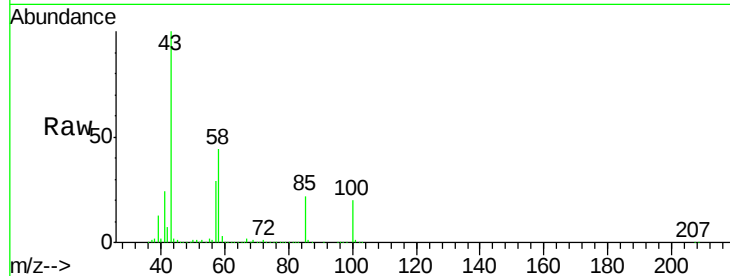
#51
4-Methyl-2-Pentanone
Concen: 657.999 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2793044
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0

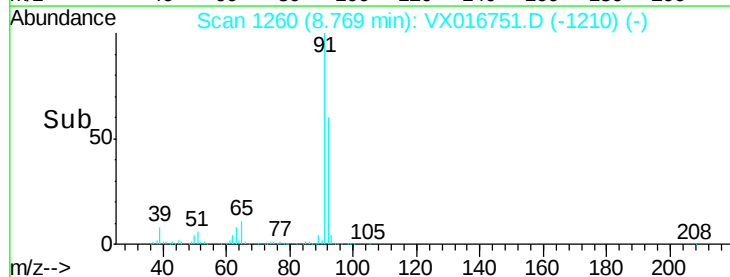
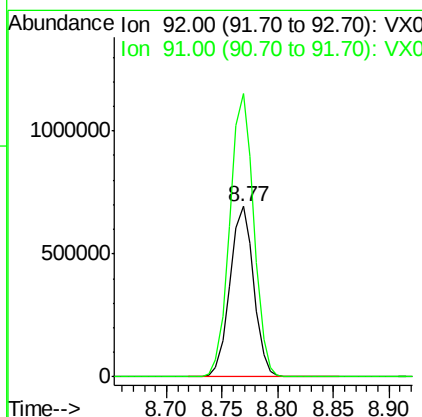
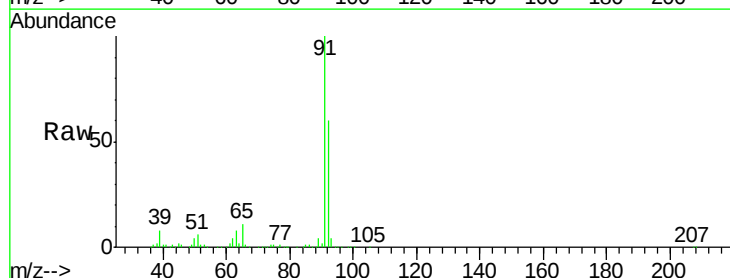
Manual Integrations
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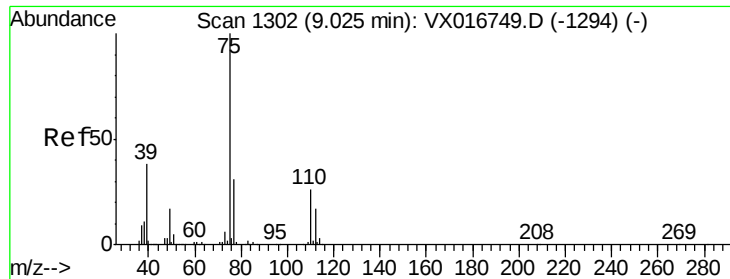
MMDadoda
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#52
Toluene
Concen: 146.161 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 92 Resp: 1024895
Ion Ratio Lower Upper
92 100
91 167.3 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 151.885 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 680742

Ion Ratio Lower Upper

75 100

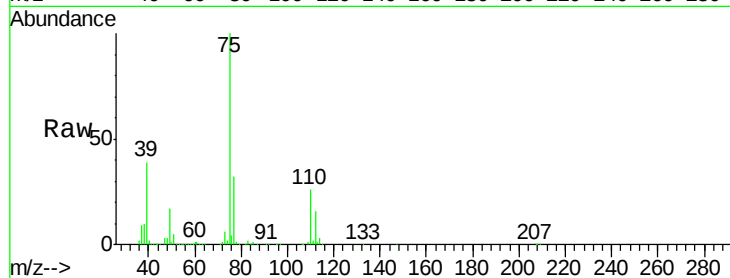
77 31.7 24.7 37.1

Manual Integrations

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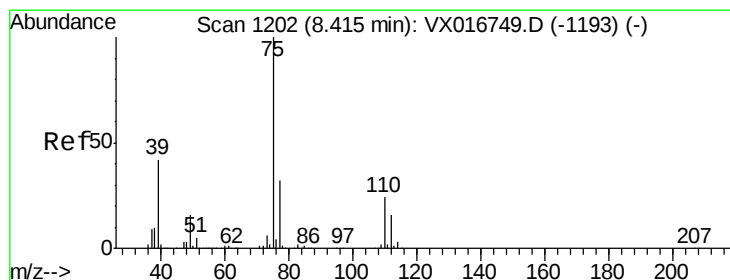
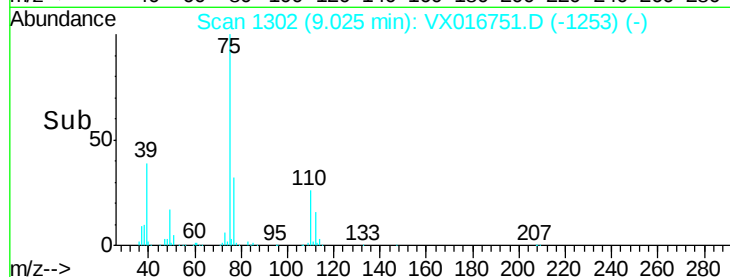
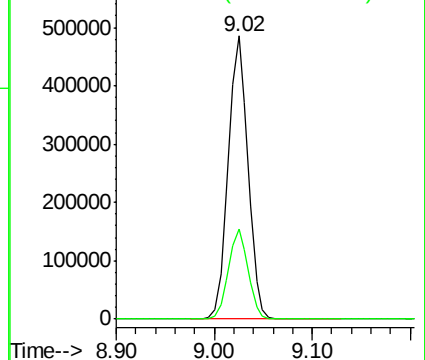
MMDadoda

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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: 148.258 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

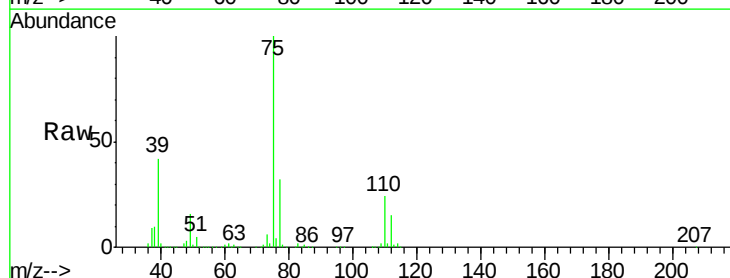
Tgt Ion: 75 Resp: 700684

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

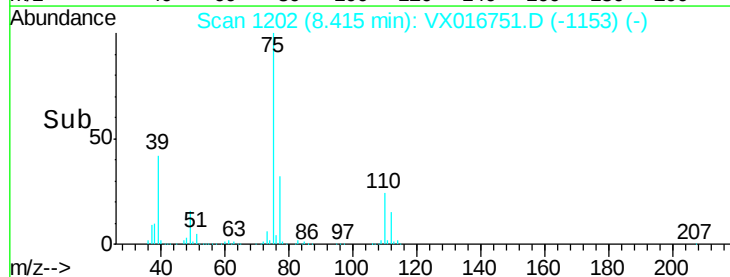
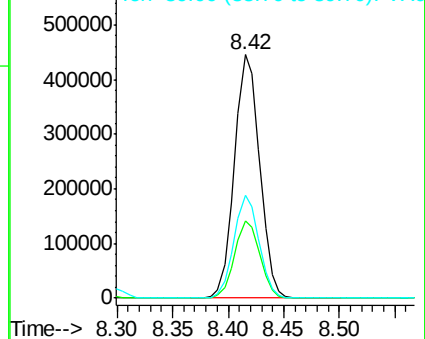
39 42.0 33.7 50.5

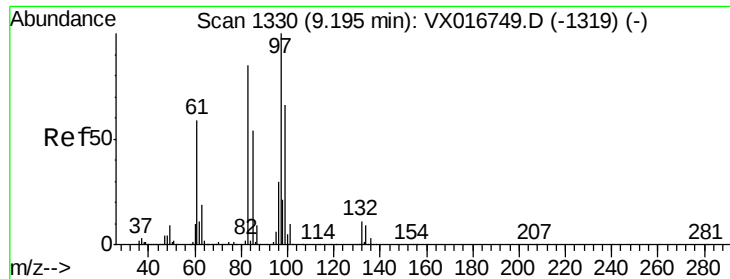


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





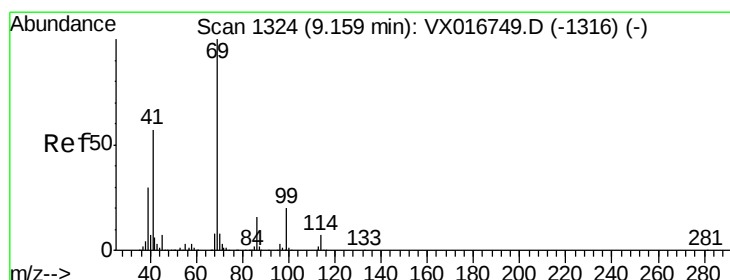
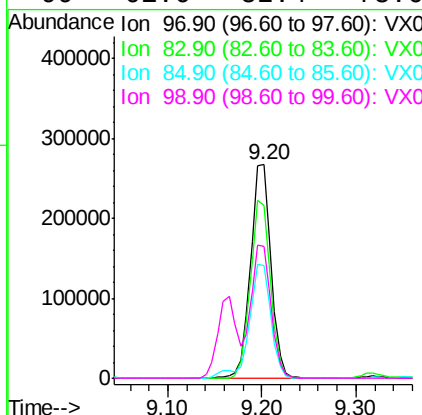
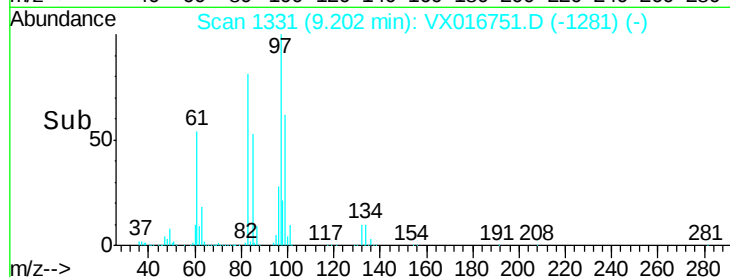
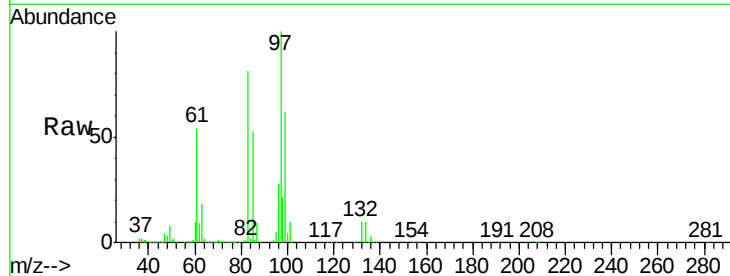
#55
 1,1,2-Trichloroethane
 Concen: 146.647 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		409830		
83	80.6	68.3	102.5		
85	52.8	43.5	65.3		
99	61.6	52.4	78.6		

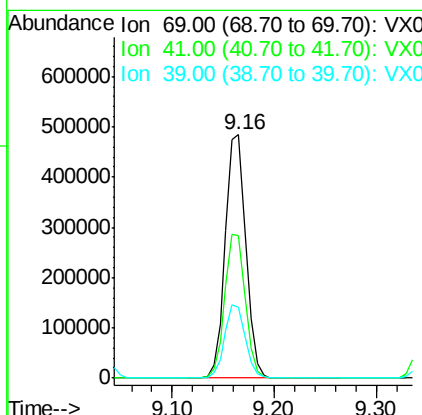
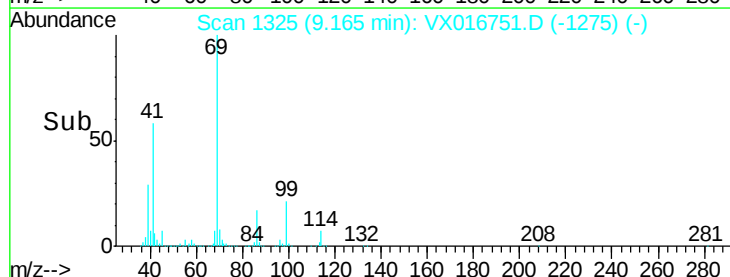
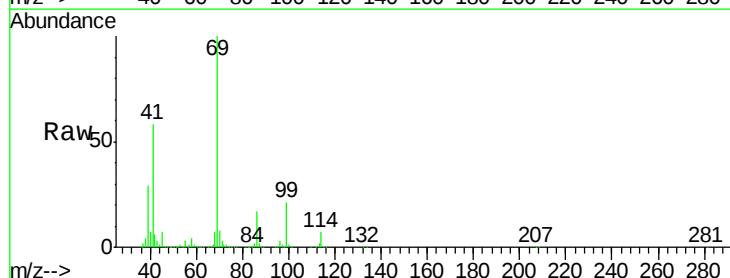
Manual Integrations
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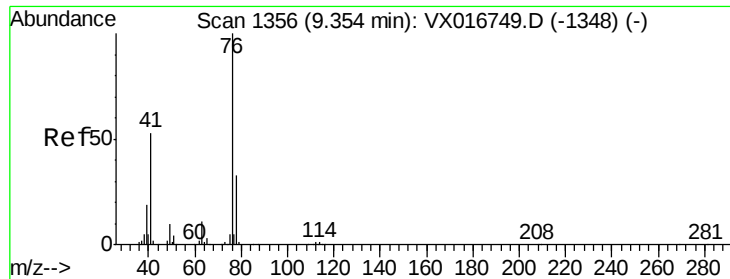
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#56
 Ethyl methacrylate
 Concen: 150.457 ug/l
 RT: 9.16 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		675757		
41	59.1	47.1	70.7		
39	30.6	25.0	37.6		





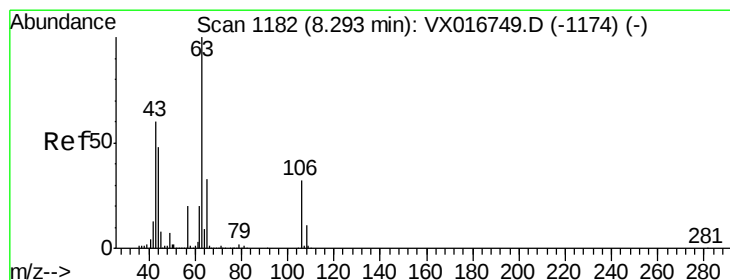
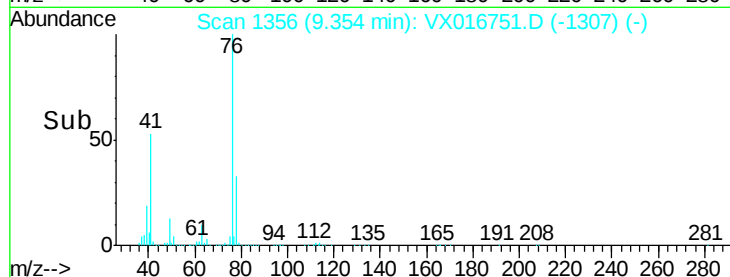
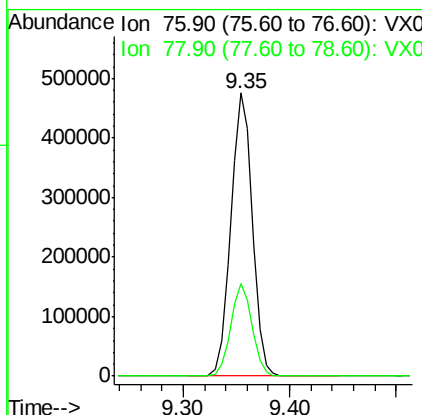
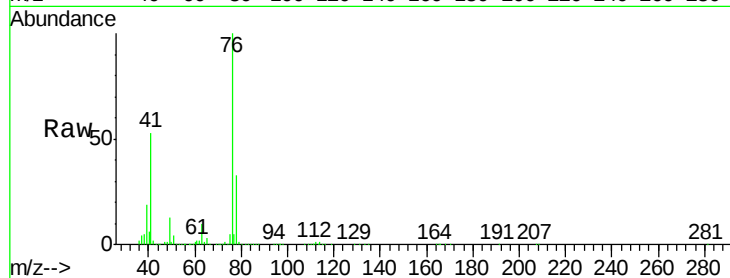
#57
 1,3-Dichloropropane
 Concen: 141.495 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

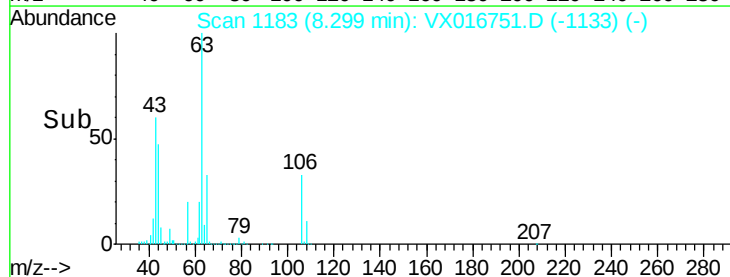
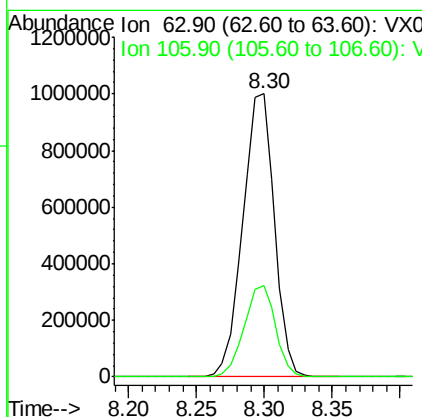
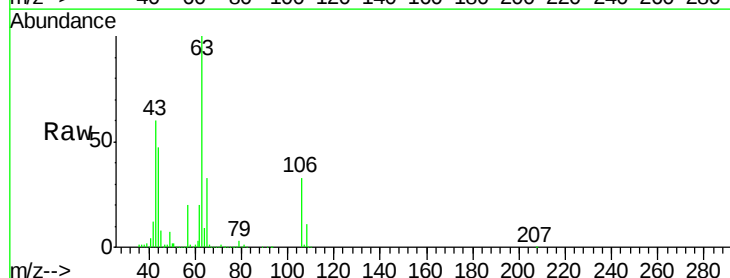
Manual Integrations
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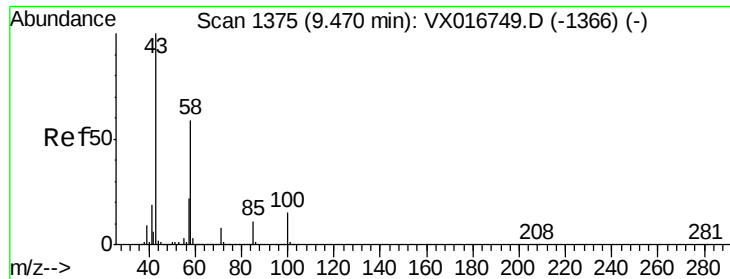
MMDadoda
 6/16/2020 3:23:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 693.230 ug/l
 RT: 8.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.2	25.5	38.3





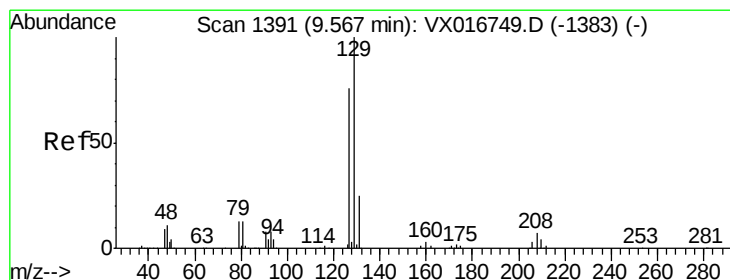
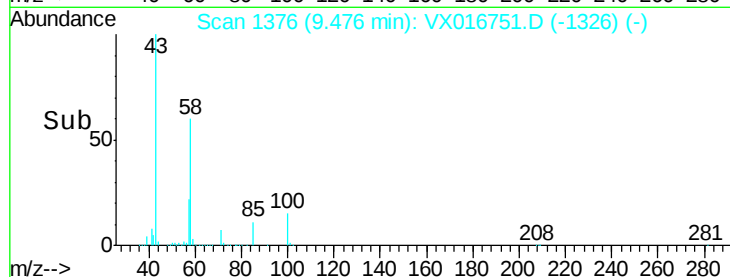
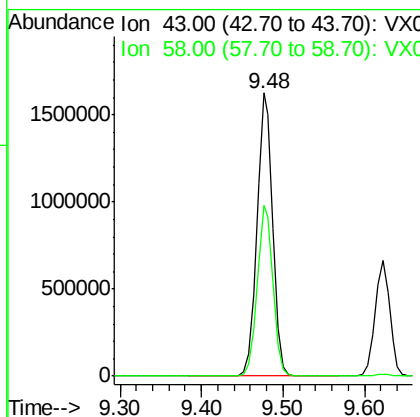
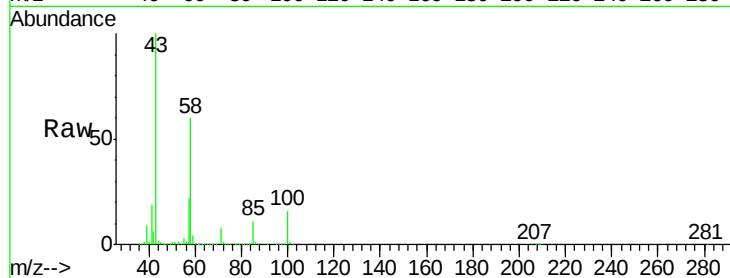
#59
2-Hexanone
Concen: 671.928 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2215198
Ion Ratio Lower Upper
43 100
58 60.6 29.9 89.8

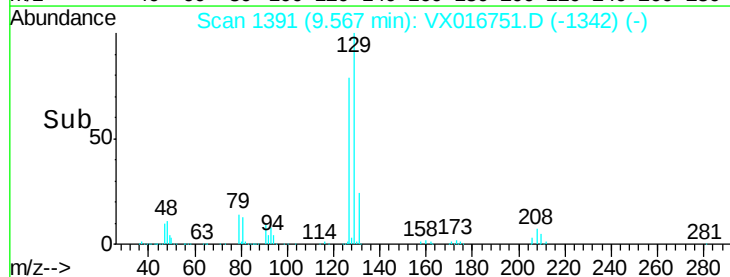
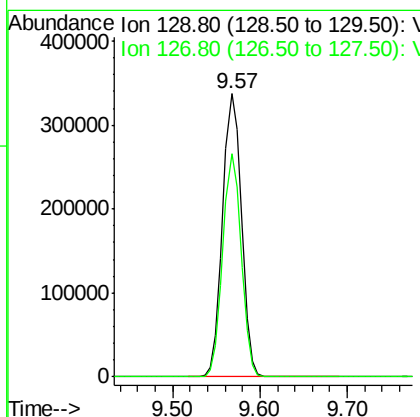
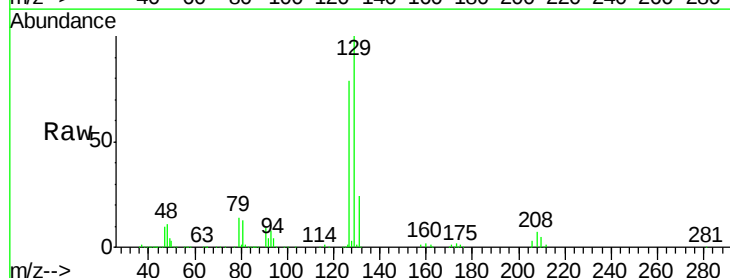
Manual Integrations
APPROVED

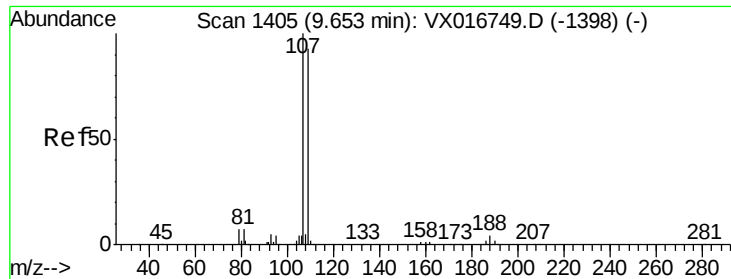
MMDadoda
6/16/2020 3:23:15 PM



#60
Dibromochloromethane
Concen: 159.234 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 129 Resp: 504963
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 151.395 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 454833

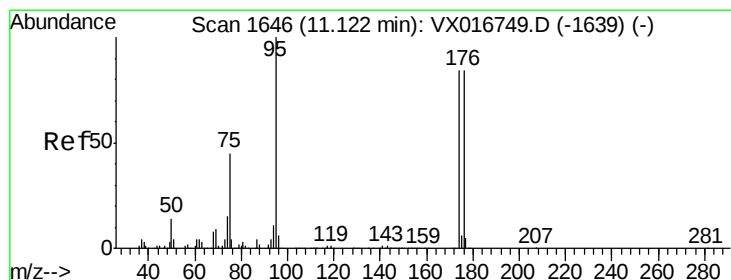
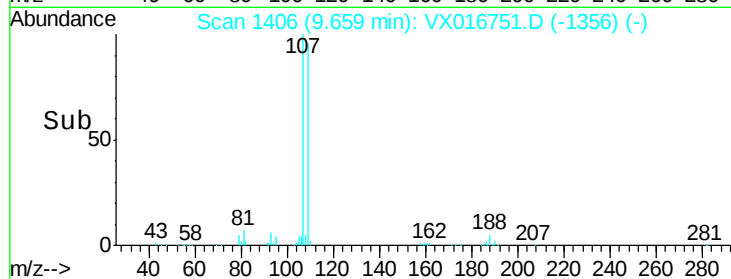
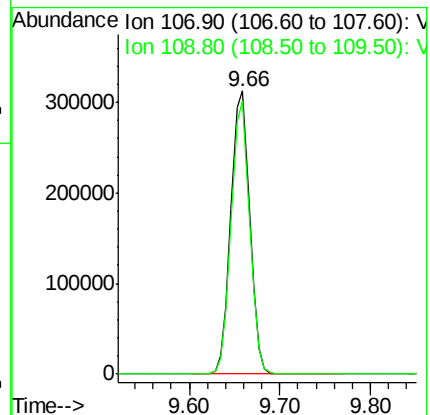
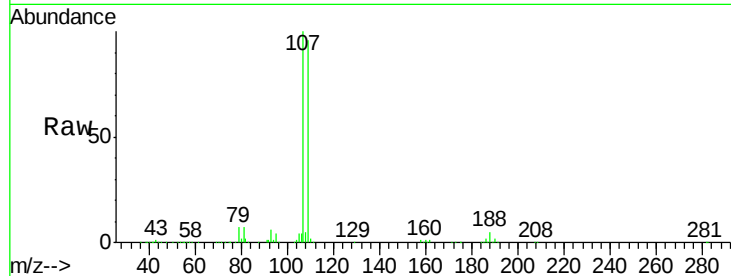
Ion Ratio Lower Upper

107 100

109 94.5 74.2 111.4

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 154.958 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

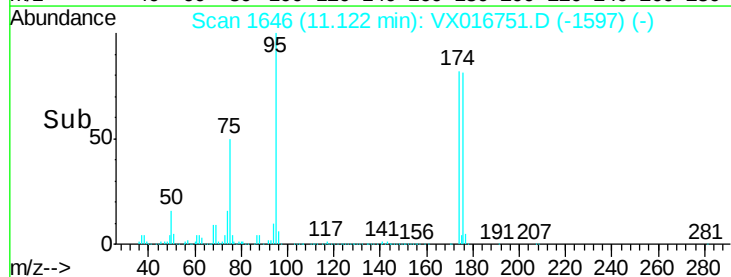
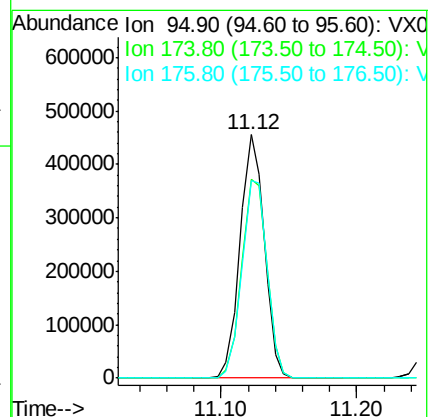
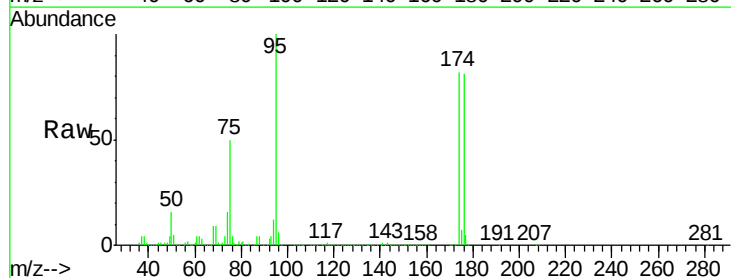
Tgt Ion: 95 Resp: 565500

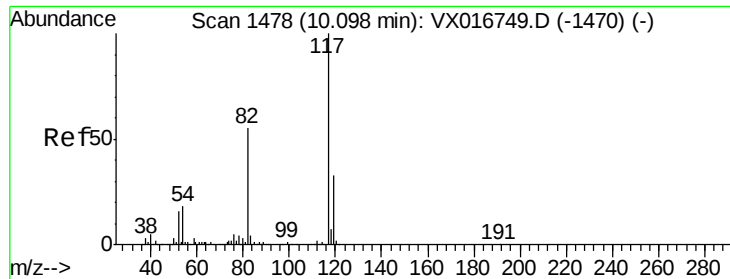
Ion Ratio Lower Upper

95 100

174 85.2 0.0 171.0

176 84.5 0.0 166.2





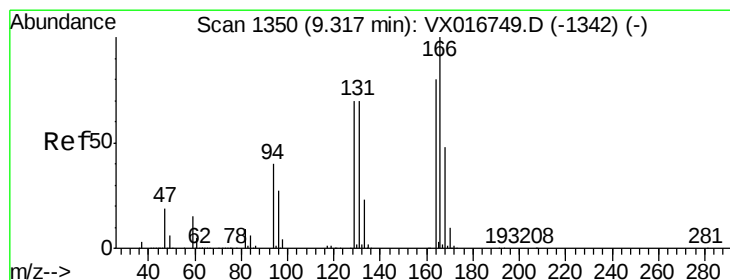
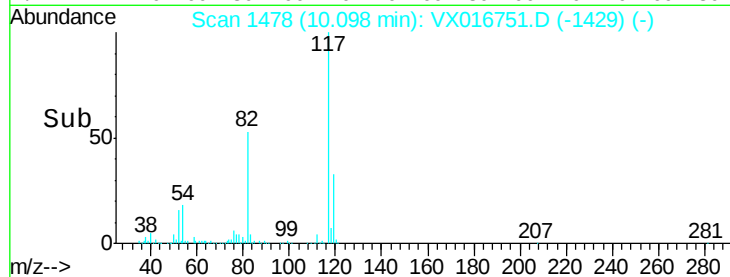
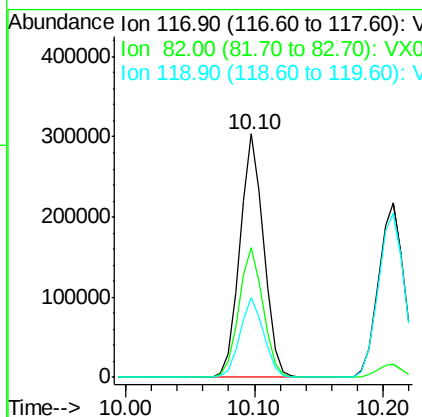
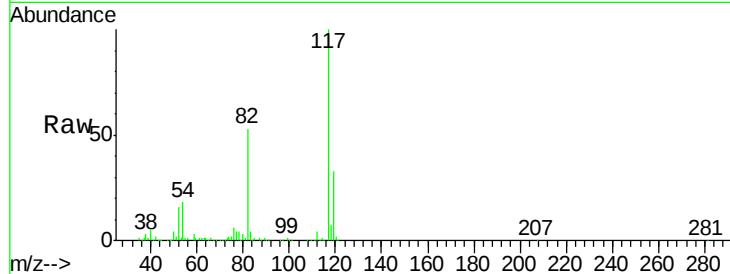
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386284		
82	53.2	43.8	65.6	
119	32.5	26.2	39.4	

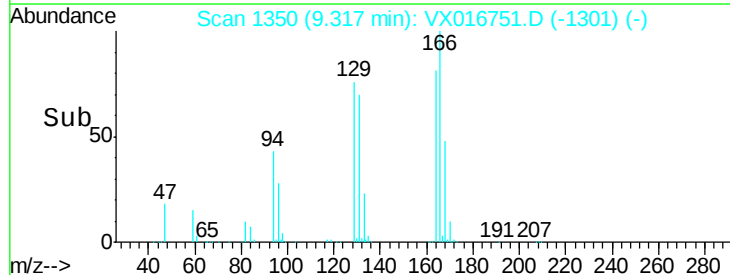
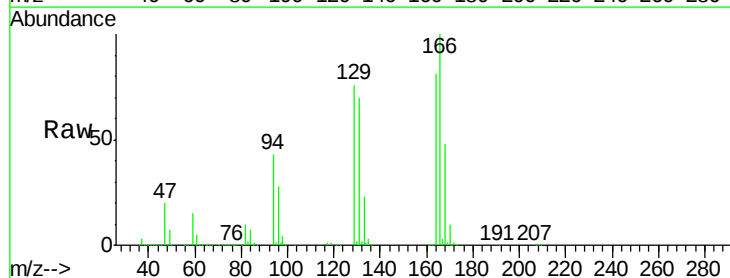
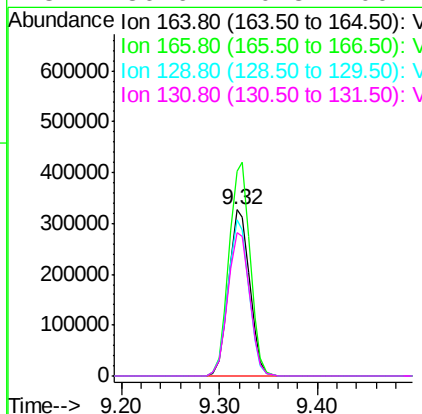
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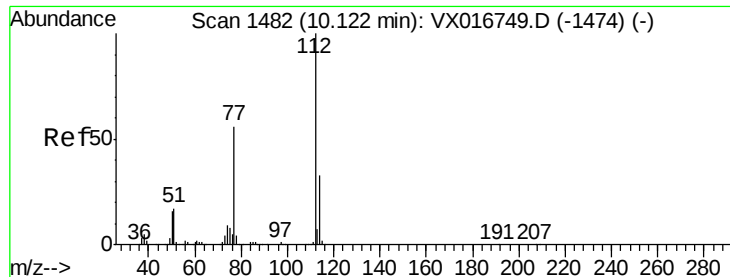
MMDadoda
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#64
Tetrachloroethene
Concen: 115.870 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	487803		
166	123.4	100.6	150.8	
129	93.7	70.1	105.1	
131	86.6	70.8	106.2	





#65

Chlorobenzene

Concen: 145.079 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1133463

Ion Ratio Lower Upper

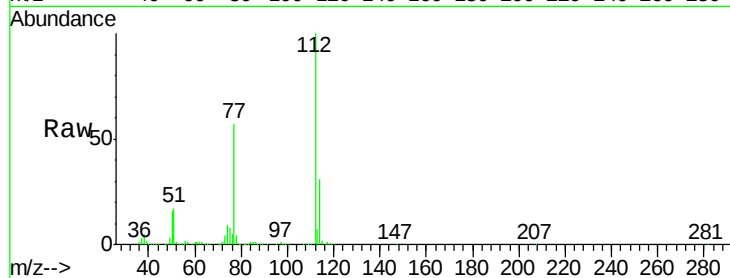
112 100

114 31.2 26.2 39.4

Manual Integrations
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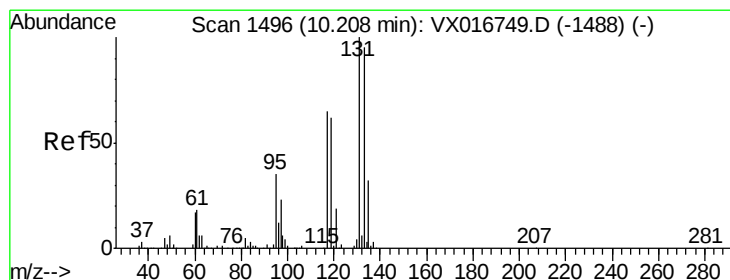
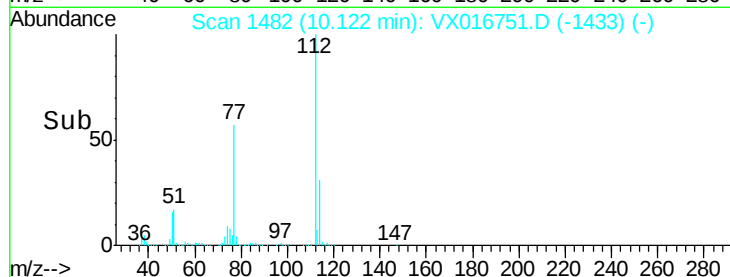
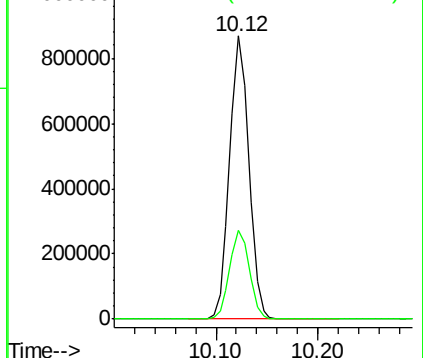
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 150.177 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

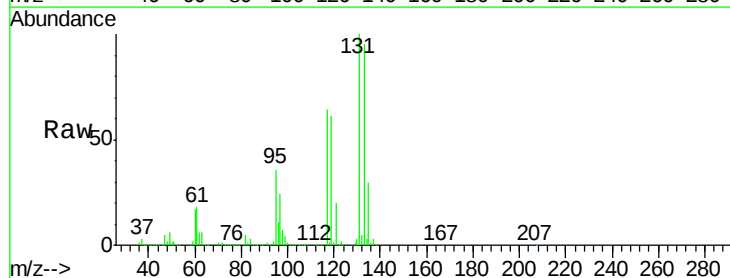
Tgt Ion:131 Resp: 452332

Ion Ratio Lower Upper

131 100

133 96.3 46.8 140.3

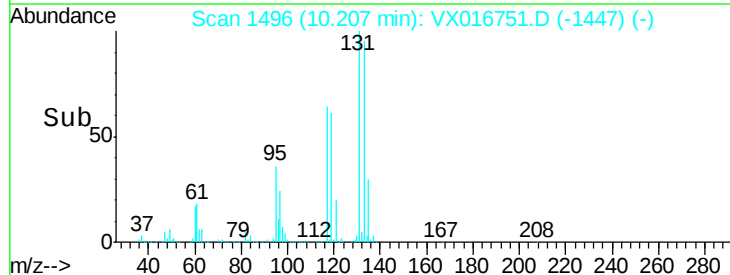
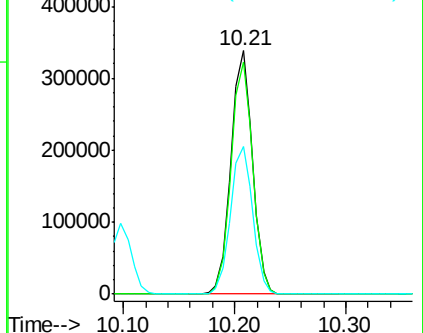
119 62.6 31.4 94.0

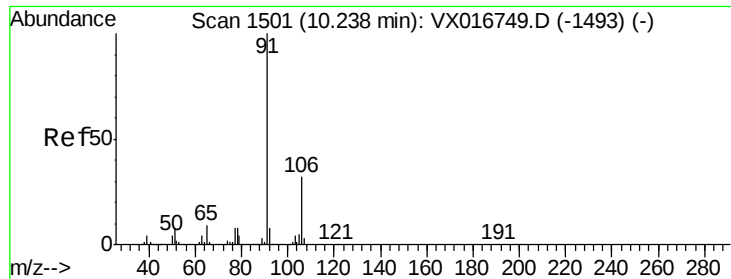


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





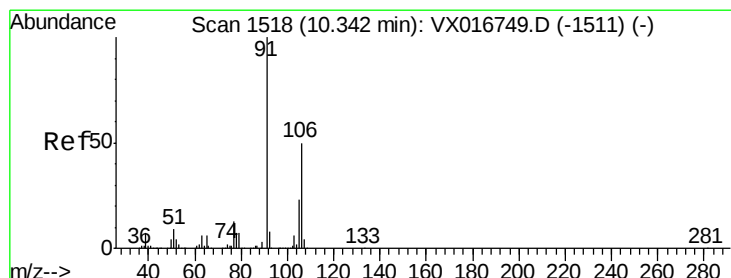
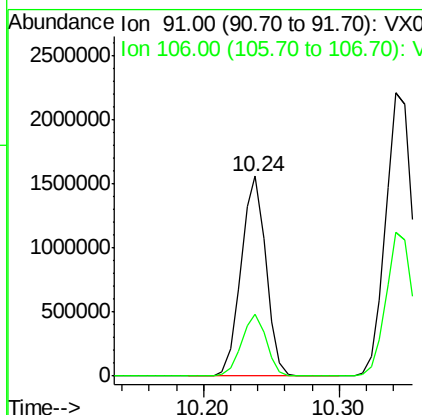
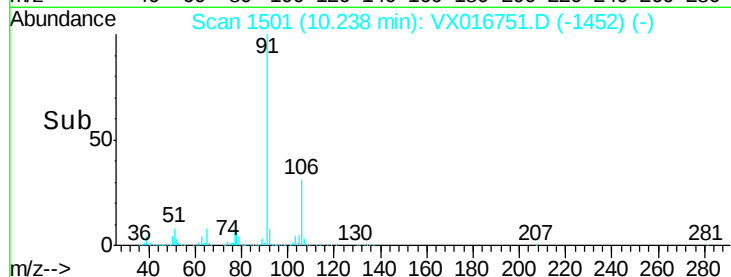
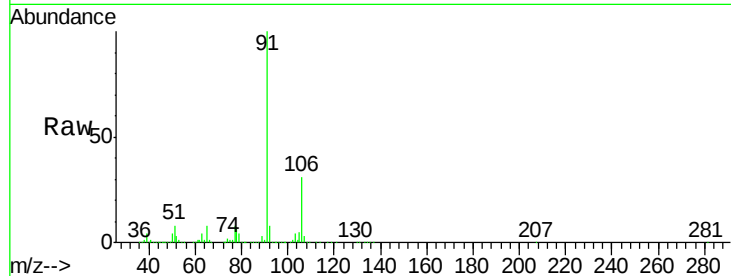
#67
Ethyl Benzene
Concen: 143.667 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1986470
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

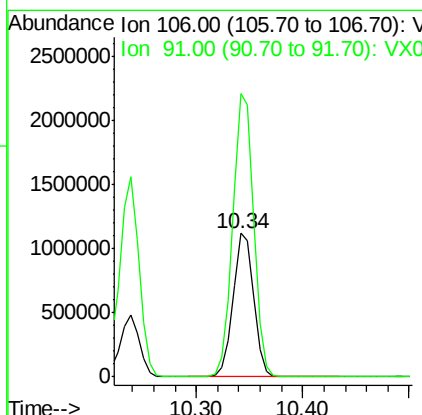
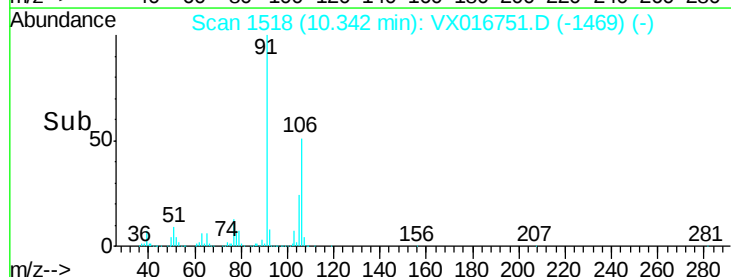
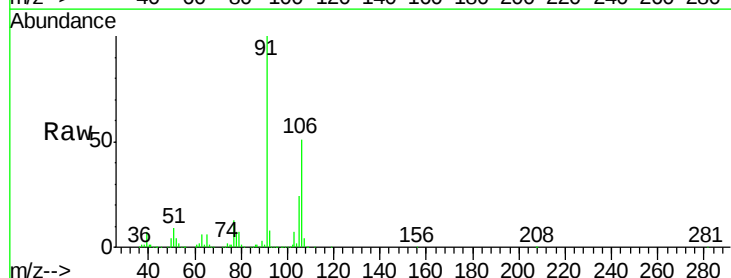
Manual Integrations
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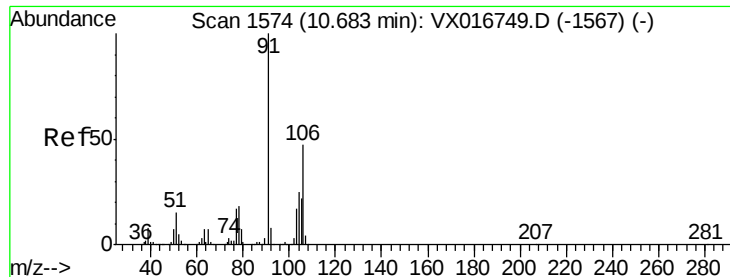
MMDadoda
6/16/2020 3:23:15 PM



#68
m/p-Xylenes
Concen: 295.561 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 106 Resp: 1523305
Ion Ratio Lower Upper
106 100
91 200.0 161.2 241.8





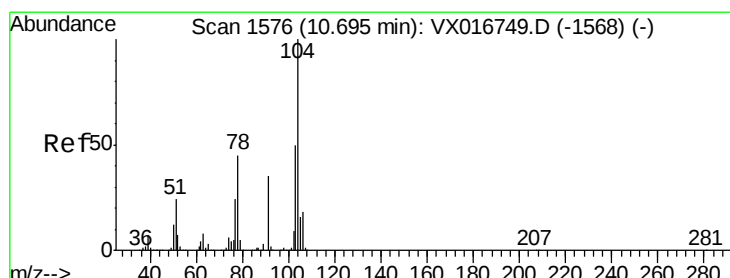
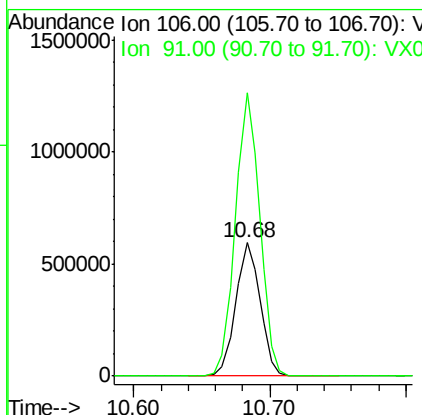
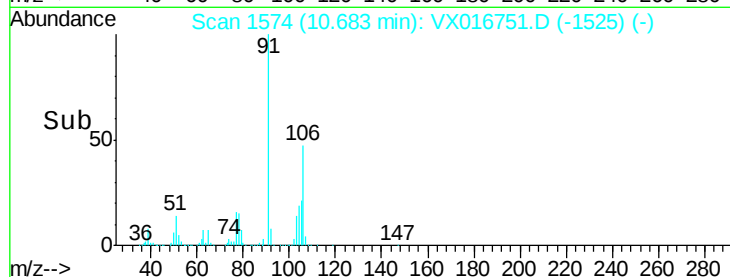
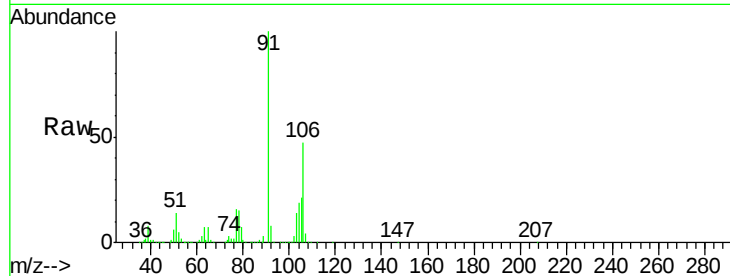
#69
o-Xylene
Concen: 148.694 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.9	106.9	320.8

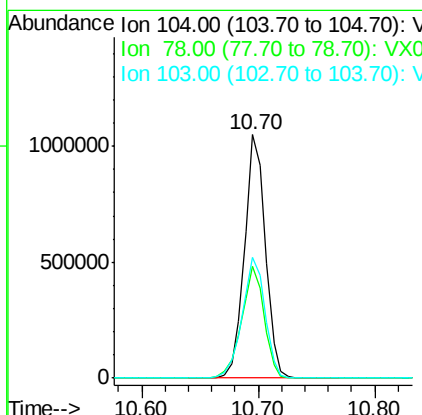
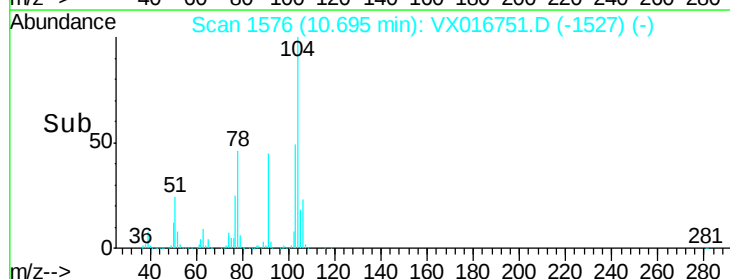
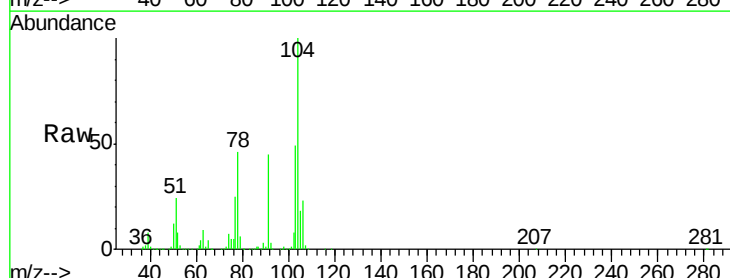
Manual Integrations
APPROVED

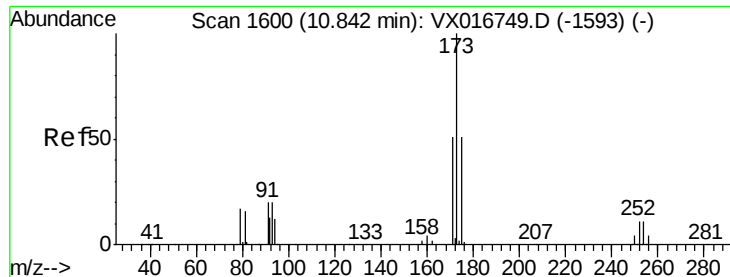
MMDadoda
6/16/2020 3:23:15 PM



#70
Styrene
Concen: 153.936 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.8	59.8
103	54.0	43.4	65.2





#71

Bromoform

Concen: 164.824 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 417683

Ion Ratio Lower Upper

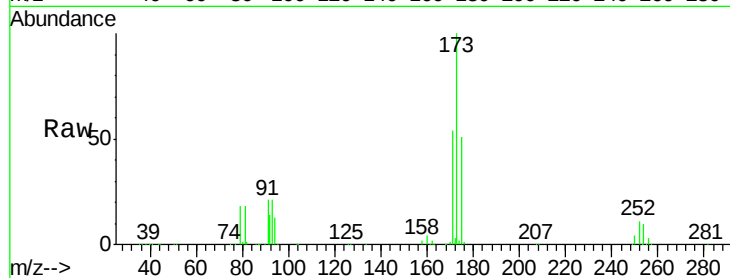
173 100

175 48.9 25.1 75.4

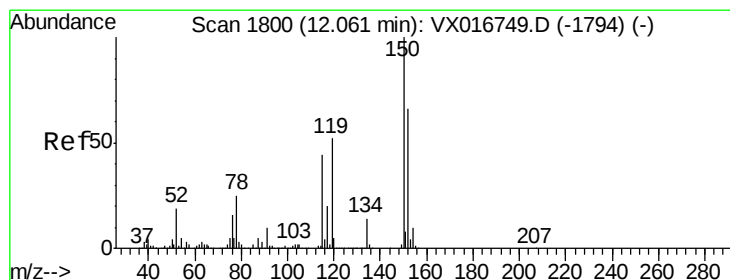
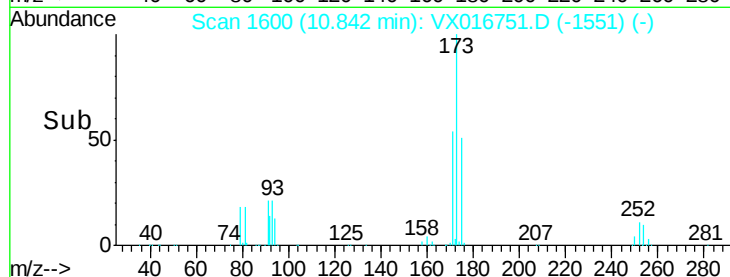
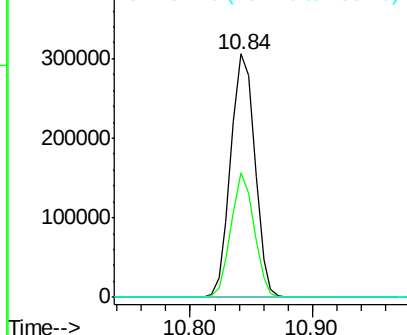
254 0.2 0.1 0.1#

Manual Integrations
APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

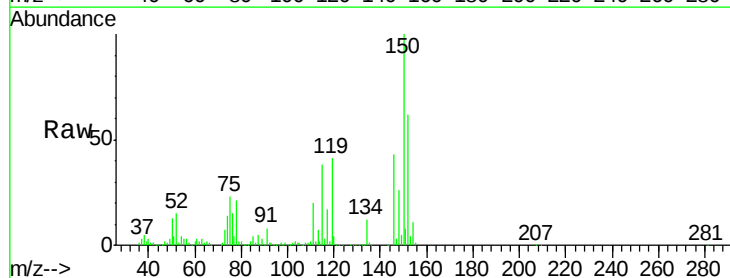
Tgt Ion:152 Resp: 205682

Ion Ratio Lower Upper

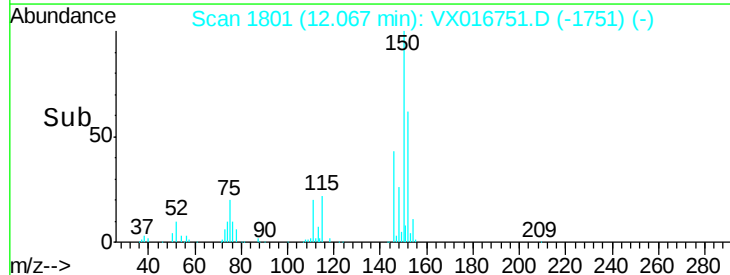
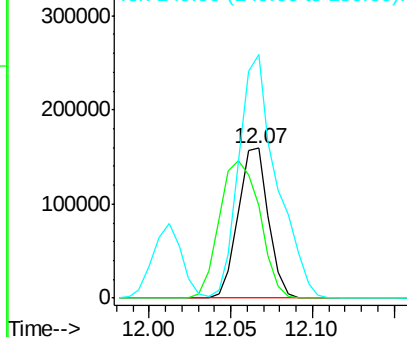
152 100

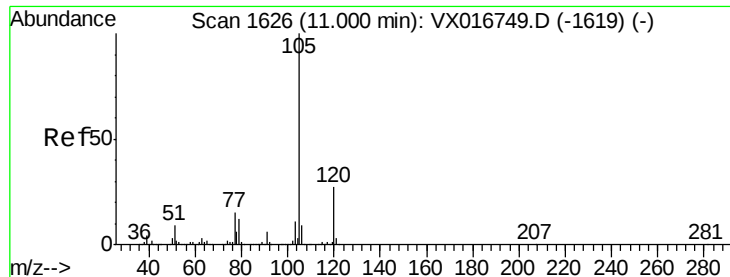
115 122.8 40.3 120.8#

150 202.1 0.0 337.4



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





#73

Isopropylbenzene

Concen: 140.652 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1983512

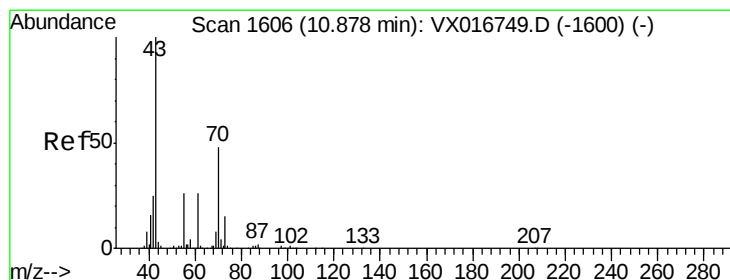
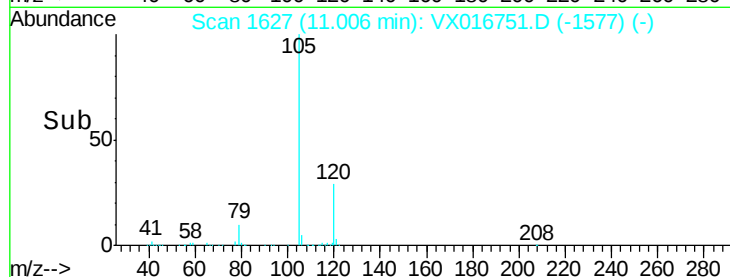
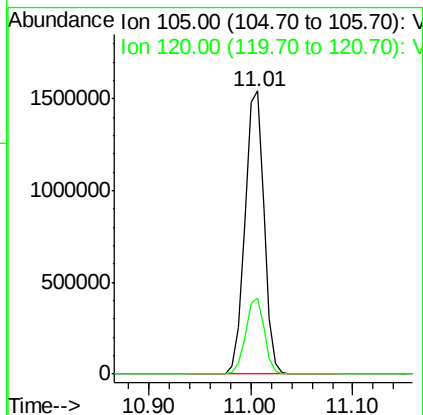
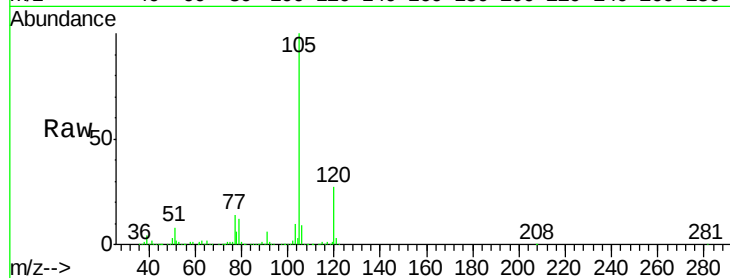
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 130.045 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Tgt Ion: 43 Resp: 819742

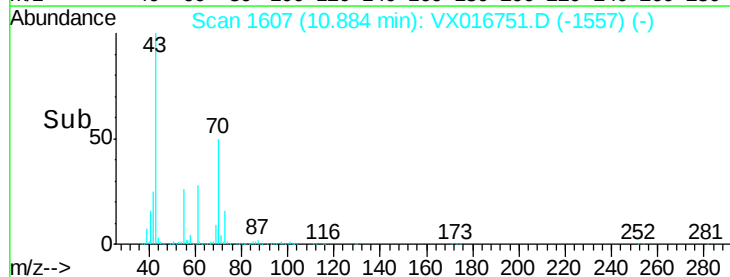
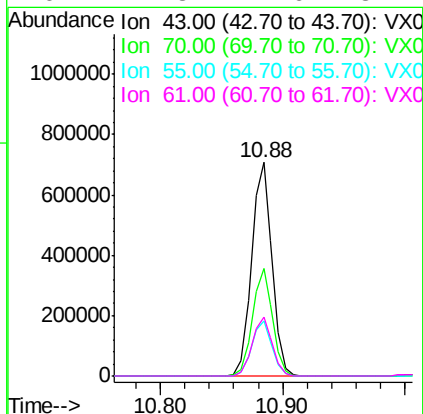
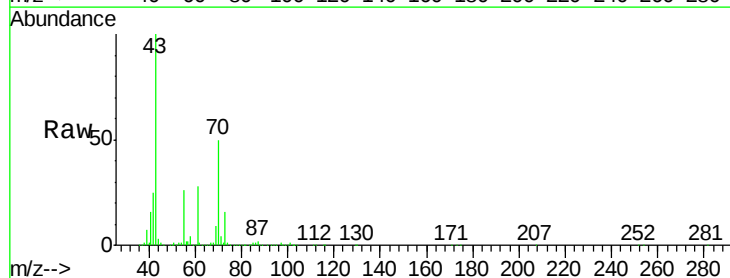
Ion Ratio Lower Upper

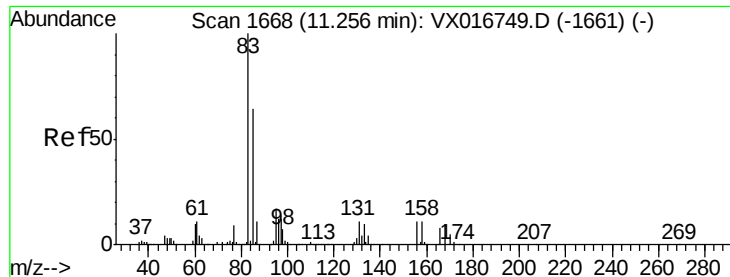
43 100

70 49.5 39.8 59.6

55 25.9 21.7 32.5

61 27.3 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 161.795 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 83 Resp: 578432

Ion Ratio Lower Upper

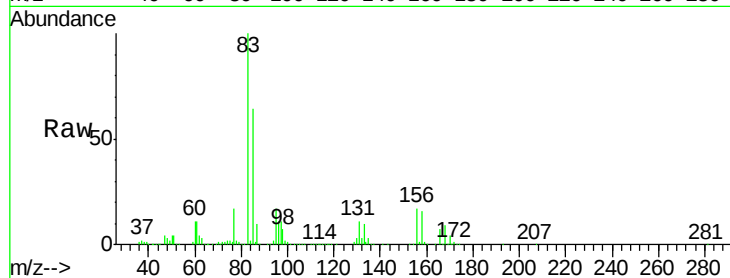
83 100

131 11.0 5.7 17.0

85 64.8 32.4 97.2

Manual Integrations
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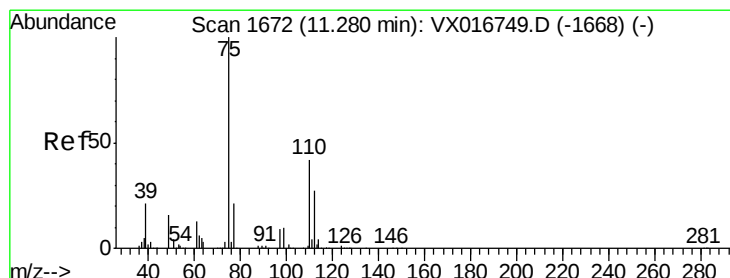
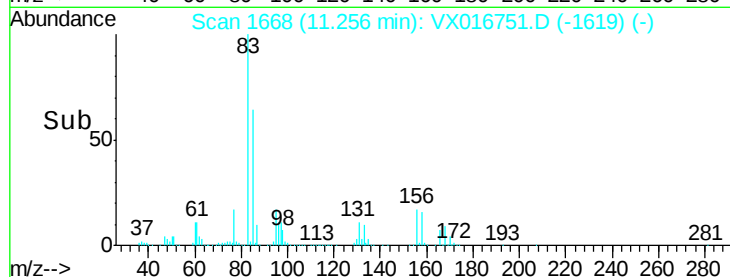
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.26

Time-->



#76

1,2,3-Trichloropropane

Concen: 127.847 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016751.D

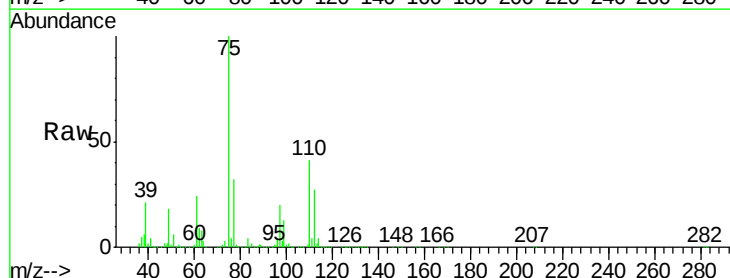
Acq: 15 Jun 2020 13:03

Tgt Ion: 75 Resp: 567416

Ion Ratio Lower Upper

75 100

77 45.4 20.3 60.9

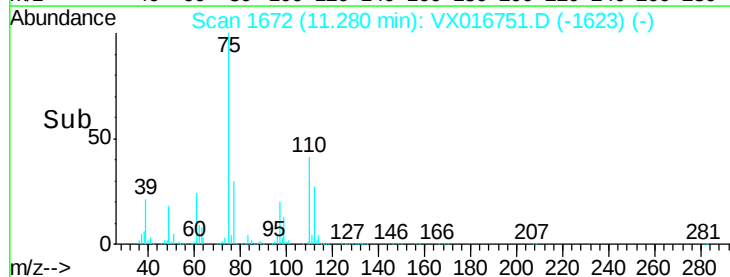


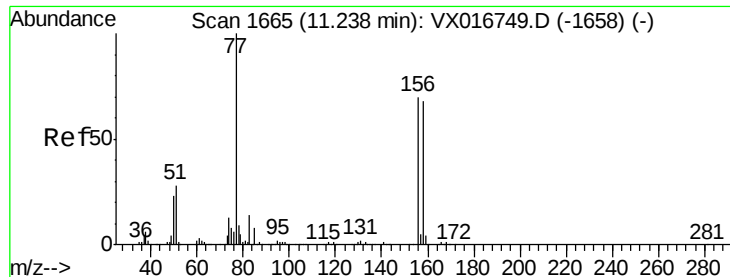
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.28

Time-->





#77

Bromobenzene

Concen: 144.540 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

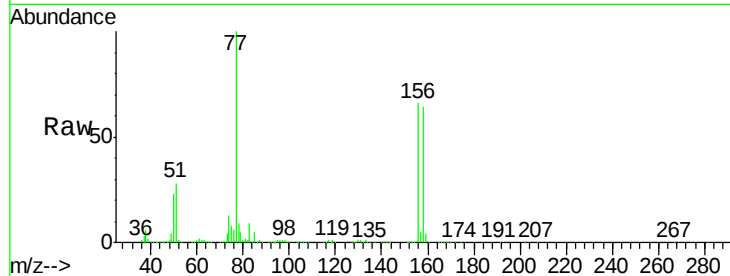
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	538515
Ion Ratio	Lower	Upper	
156	100		
77	145.3	73.2	219.6
158	96.7	48.8	146.4

Manual Integrations
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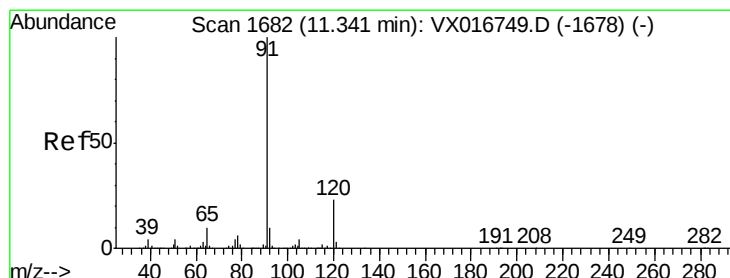
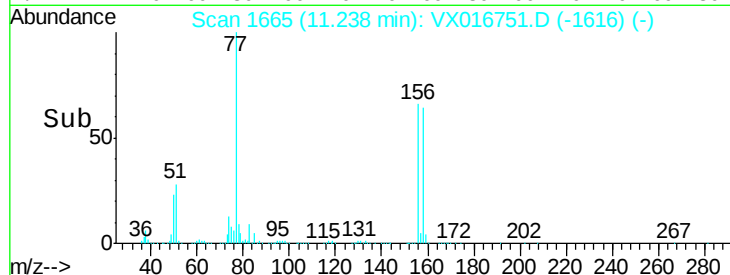
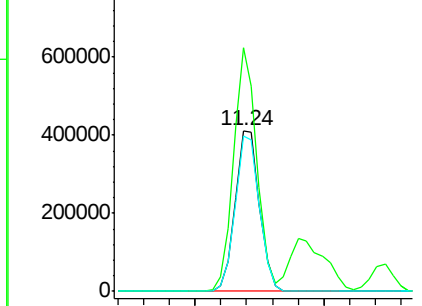
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 139.417 ug/l

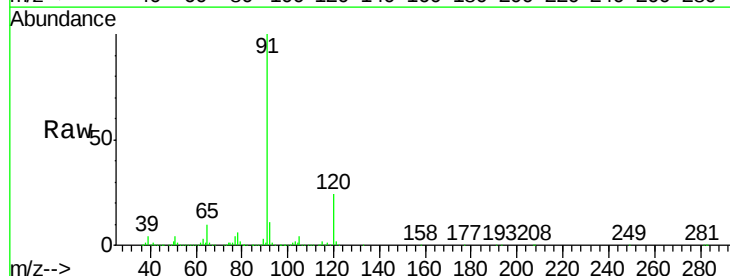
RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016751.D

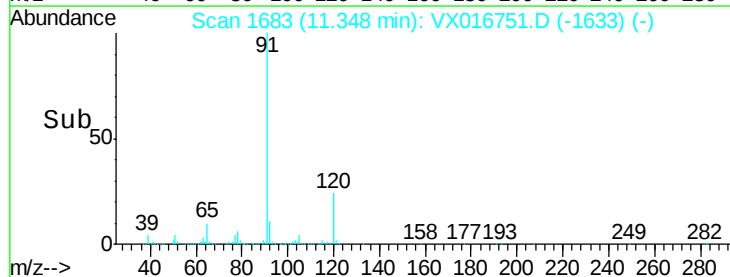
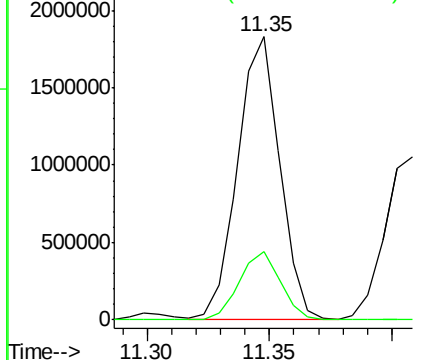
Acq: 15 Jun 2020 13:03

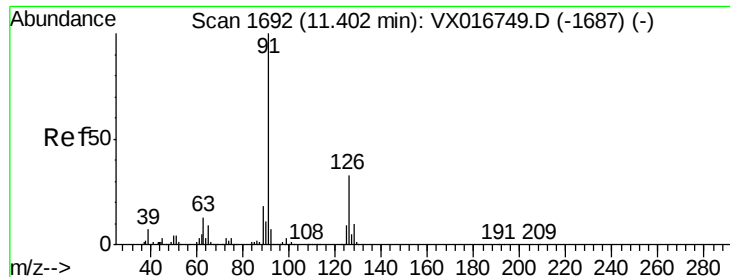
Tgt Ion:	91	Resp:	2186978
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 138.983 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1332329

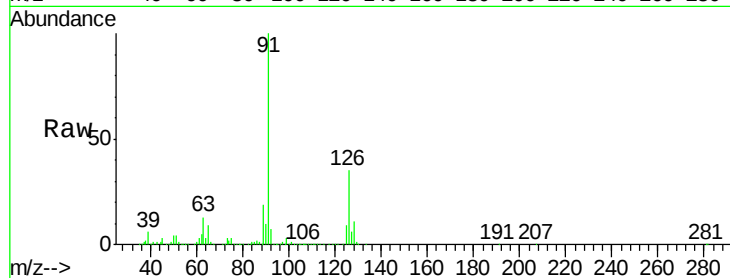
Ion Ratio Lower Upper

91 100

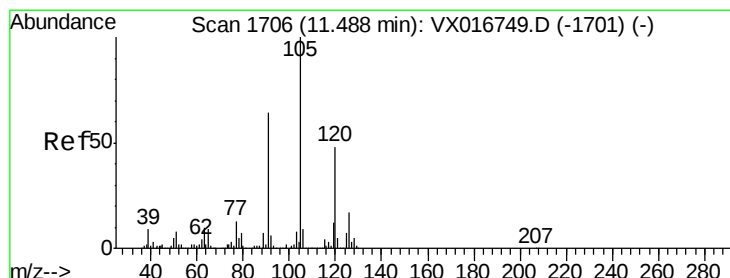
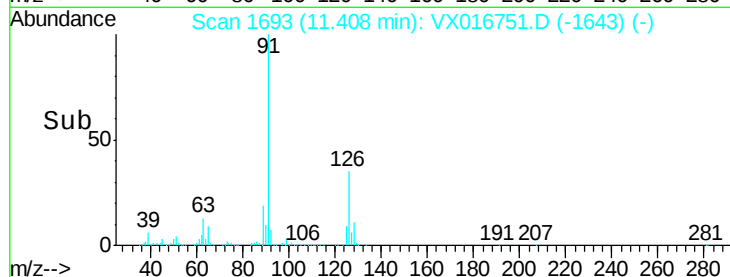
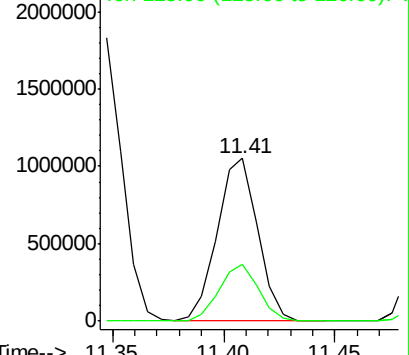
126 34.2 17.2 51.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 143.714 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016751.D

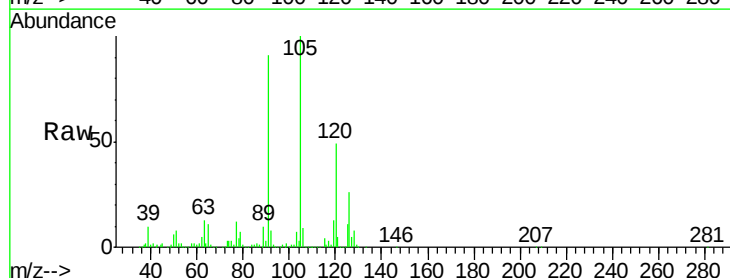
Acq: 15 Jun 2020 13:03

Tgt Ion: 105 Resp: 1691178

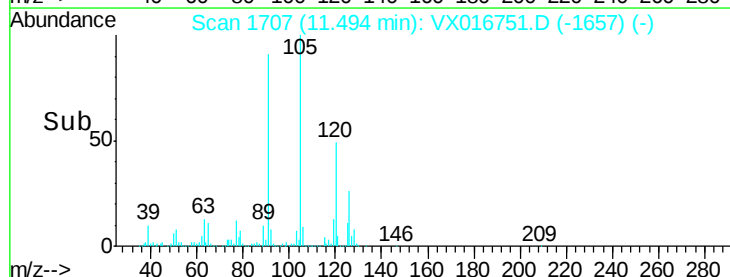
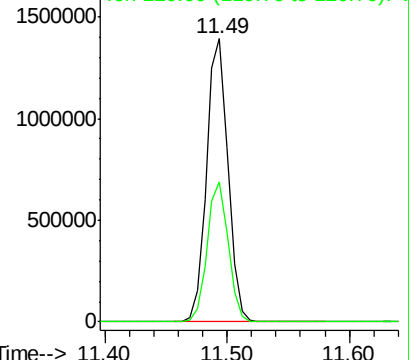
Ion Ratio Lower Upper

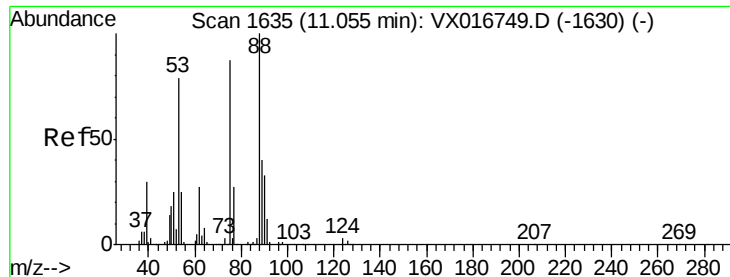
105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)





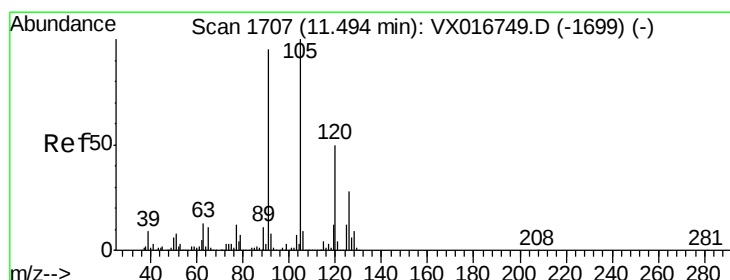
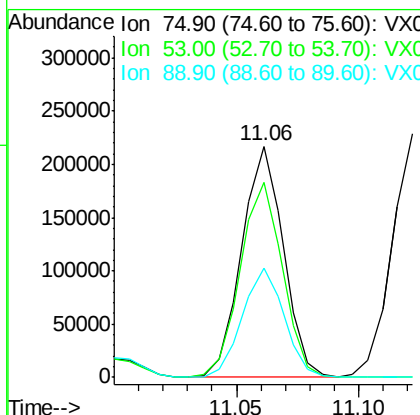
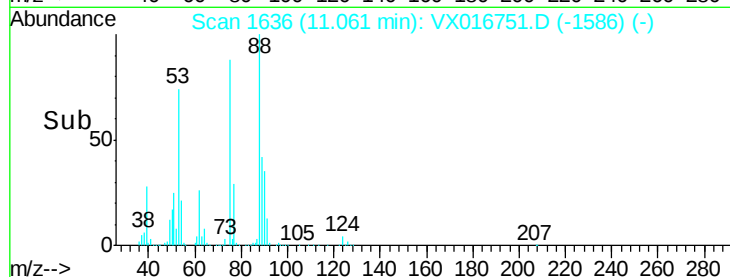
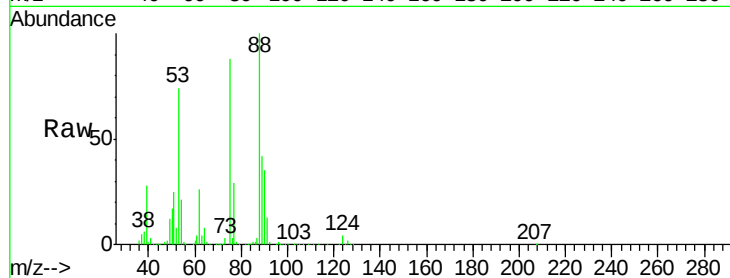
#81
trans-1,4-Dichloro-2-butene
Concen: 142.843 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.4	71.4	107.0
89	47.7	39.1	58.7

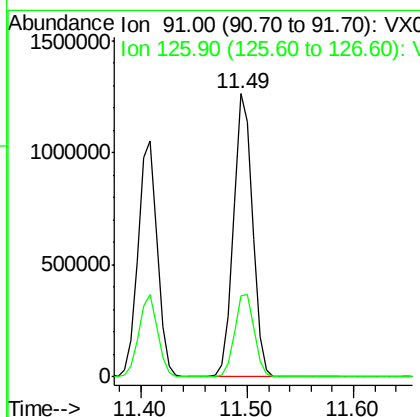
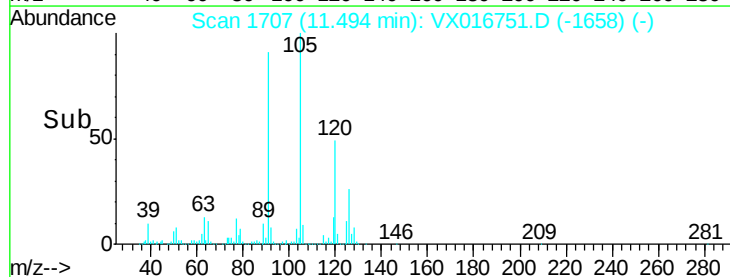
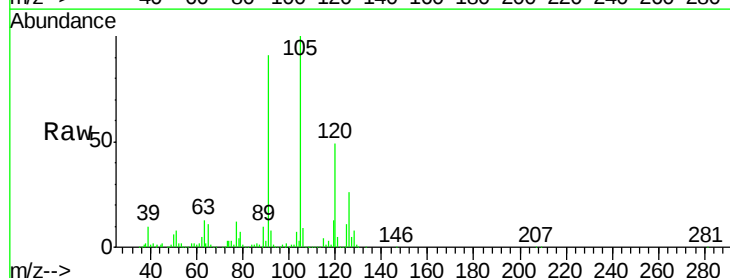
Manual Integrations
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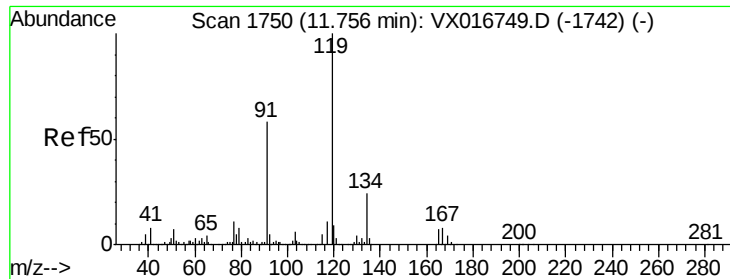
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#82
4-Chlorotoluene
Concen: 140.811 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.2	45.6





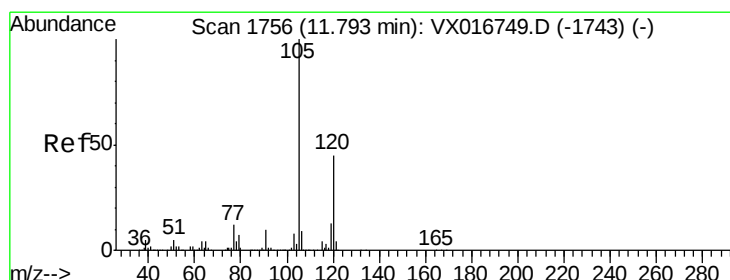
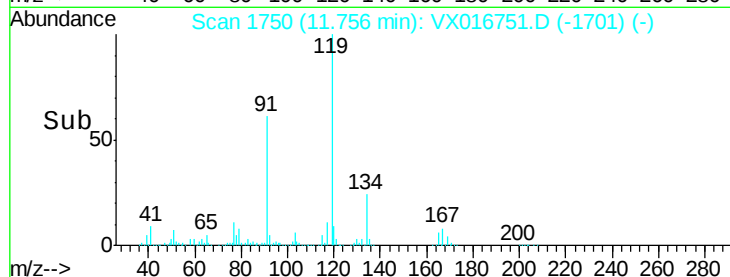
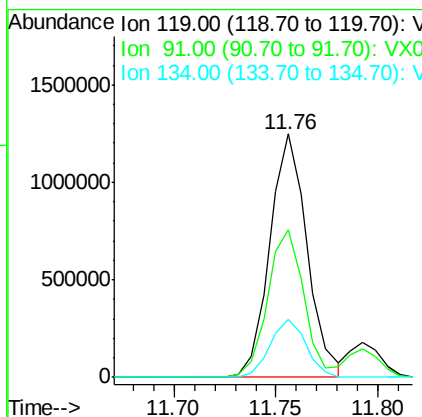
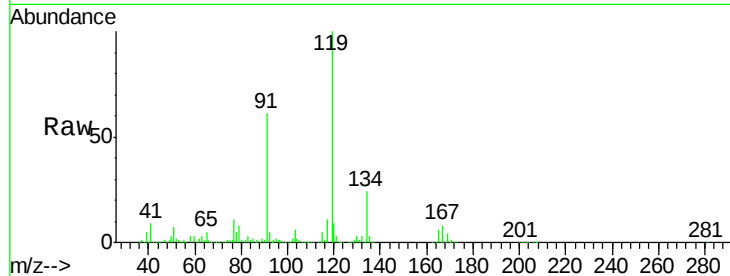
#83
tert-Butylbenzene
Concen: 156.416 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.3	88.0
134	23.2	11.8	35.3

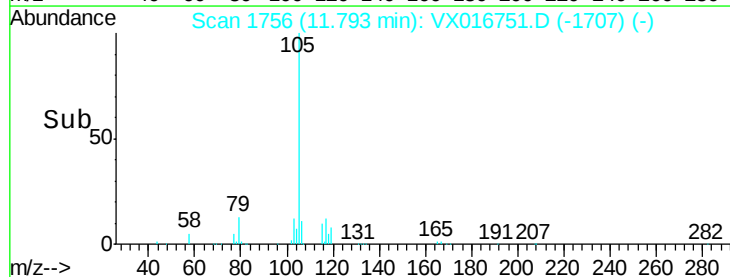
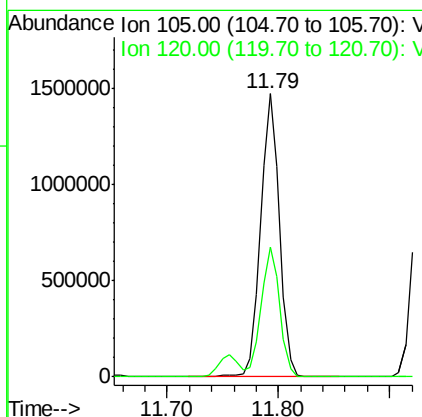
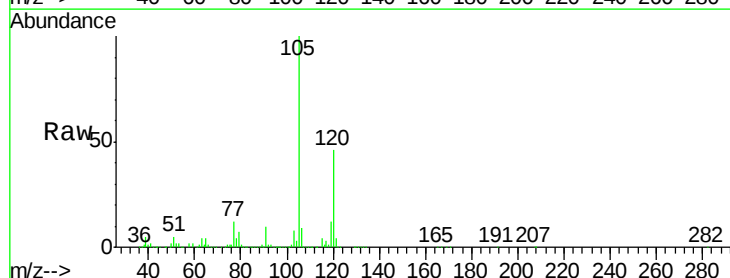
Manual Integrations
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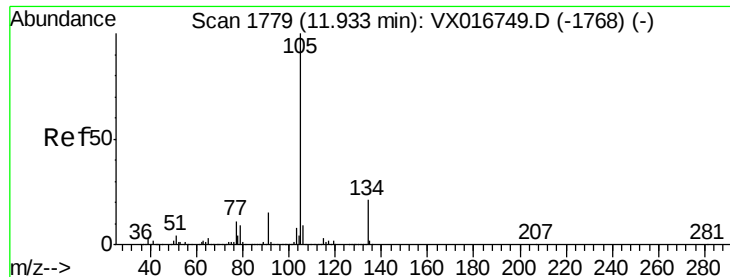
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#84
1,2,4-Trimethylbenzene
Concen: 145.884 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 148.377 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1878872

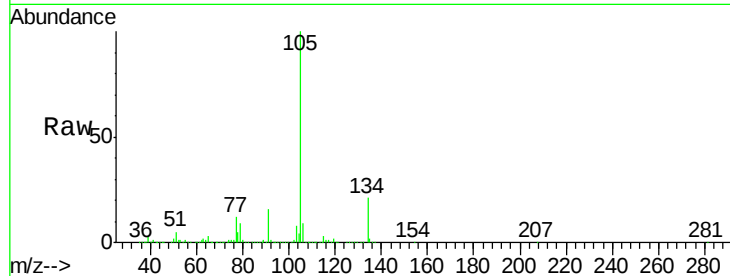
Ion Ratio Lower Upper

105 100

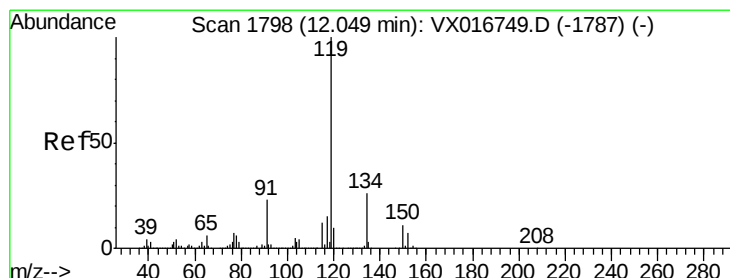
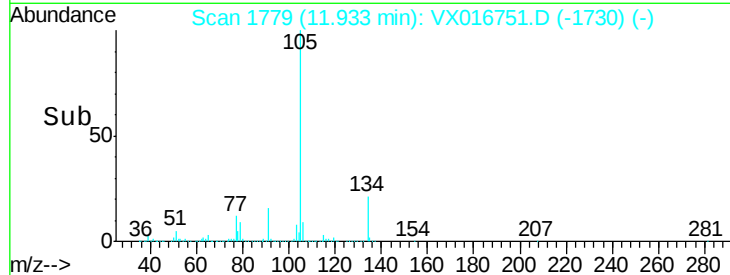
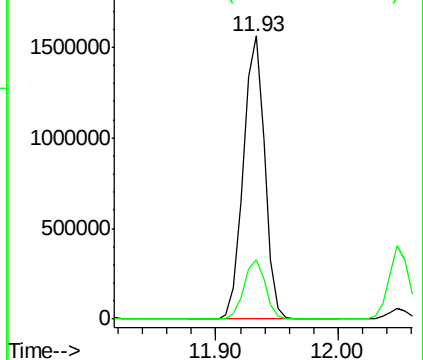
134 20.9 10.3 30.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.823 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

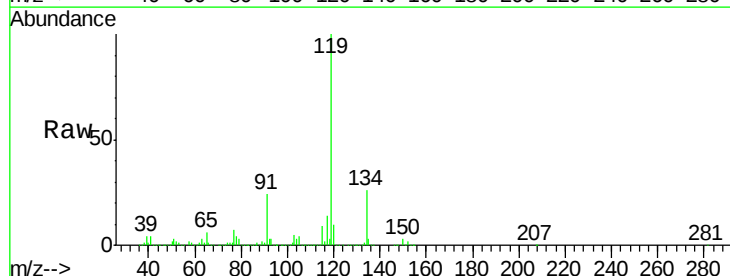
Tgt Ion:119 Resp: 1816875

Ion Ratio Lower Upper

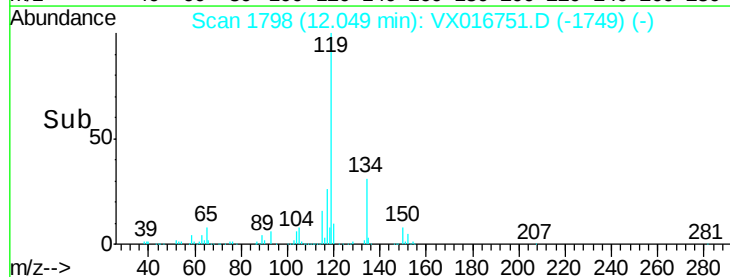
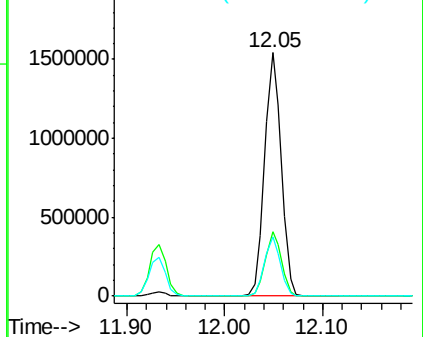
119 100

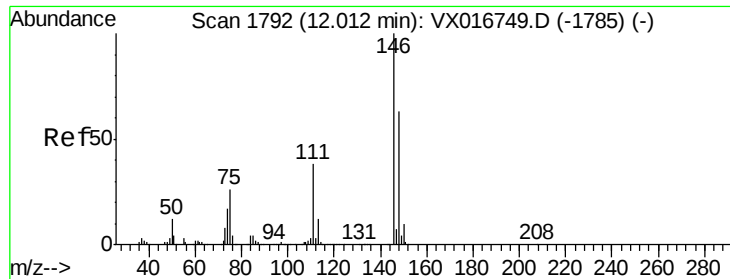
134 25.8 13.0 38.9

91 23.3 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





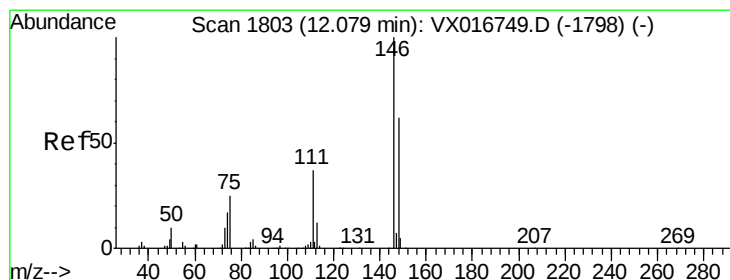
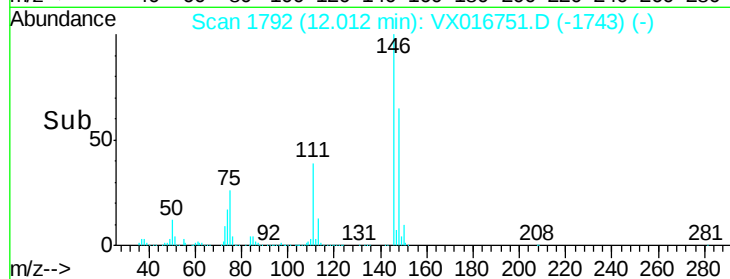
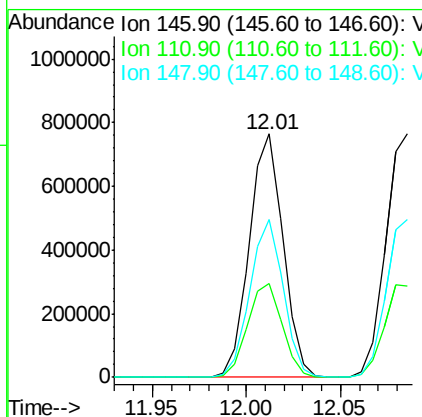
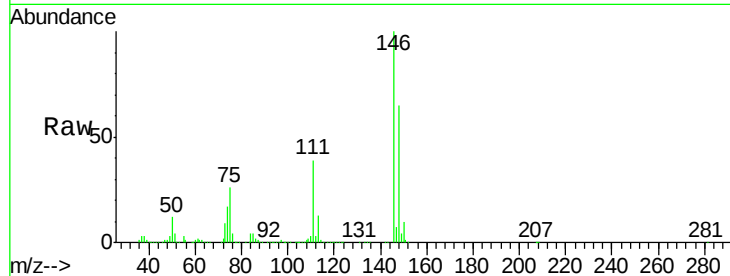
#87
 1,3-Dichlorobenzene
 Concen: 147.753 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	64.0	31.9	95.7

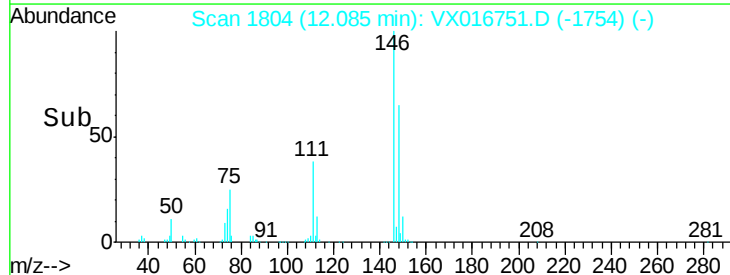
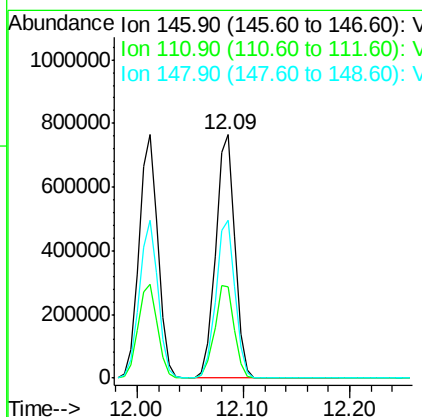
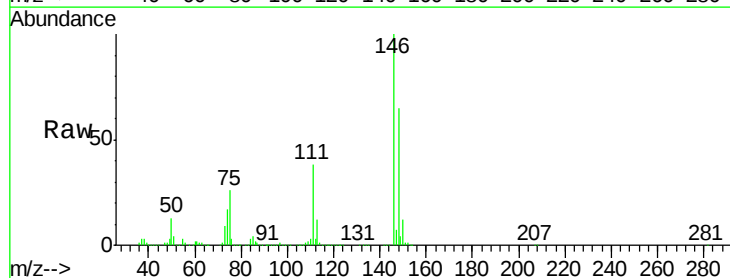
Manual Integrations
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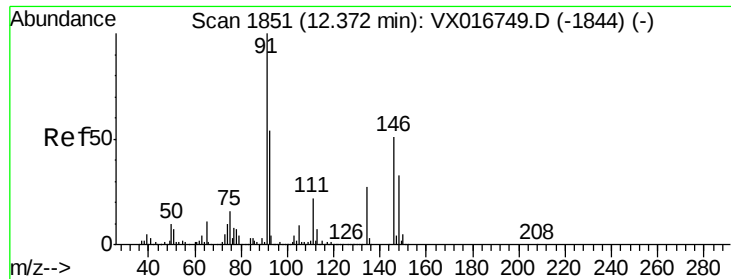
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#88
 1,4-Dichlorobenzene
 Concen: 144.273 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.8
148	64.7	32.1	96.5





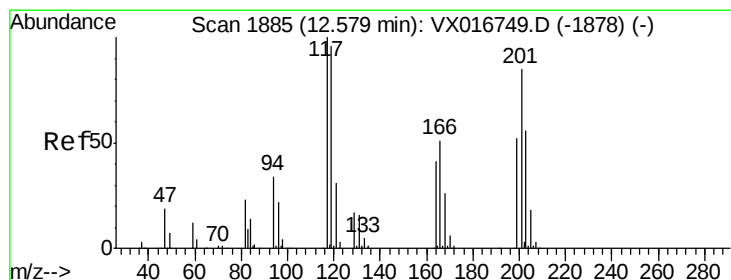
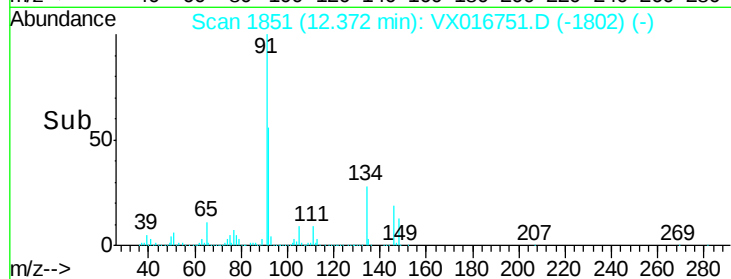
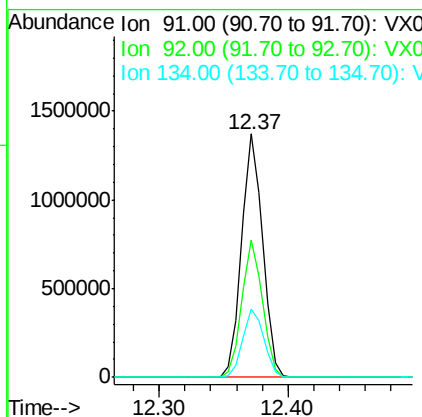
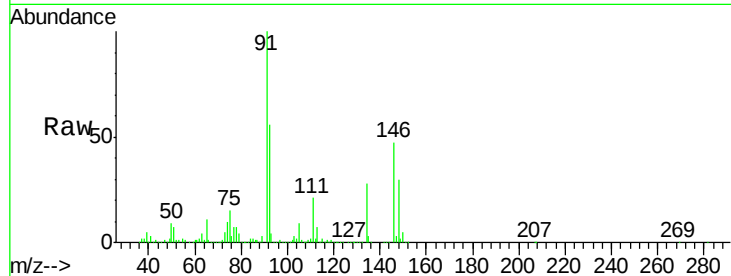
#89
n-Butylbenzene
Concen: 156.780 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1546487
Ion Ratio Lower Upper
91 100
92 55.4 27.0 80.8
134 28.1 13.7 41.0

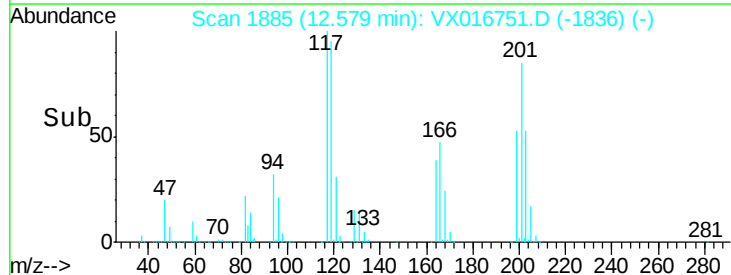
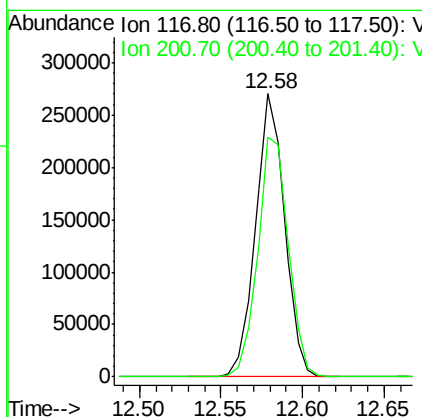
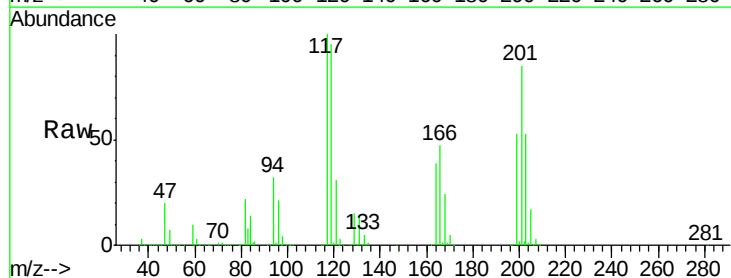
Manual Integrations
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#90
Hexachloroethane
Concen: 162.595 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016751.D
Acq: 15 Jun 2020 13:03

Tgt Ion: 117 Resp: 335011
Ion Ratio Lower Upper
117 100
201 89.2 45.6 136.9





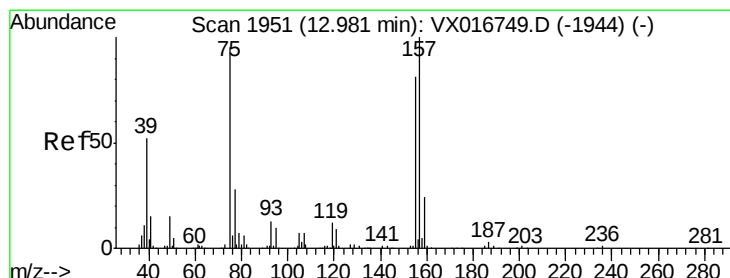
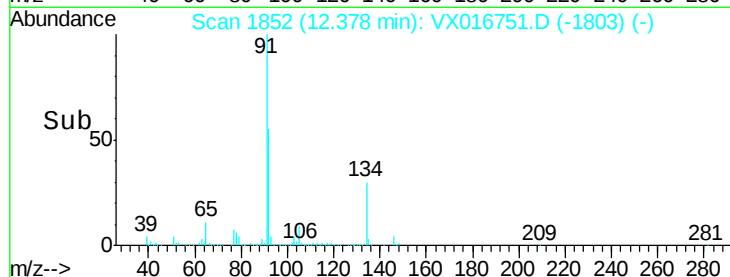
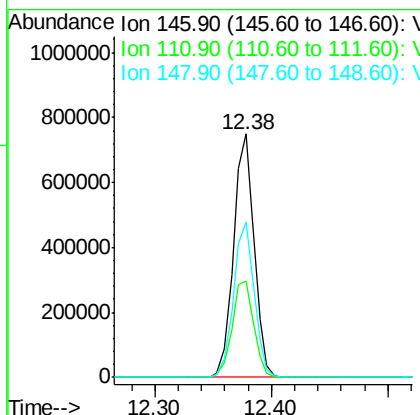
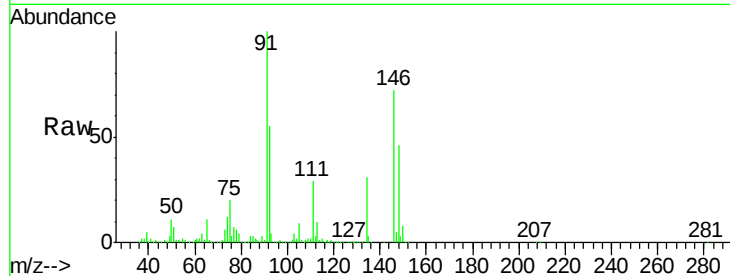
#91
 1,2-Dichlorobenzene
 Concen: 147.493 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.4	20.8	62.2	
148	63.9	32.1	96.5	

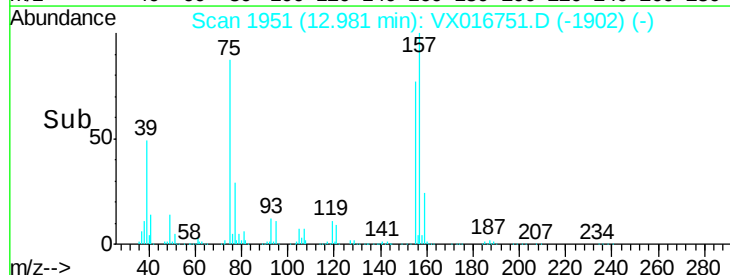
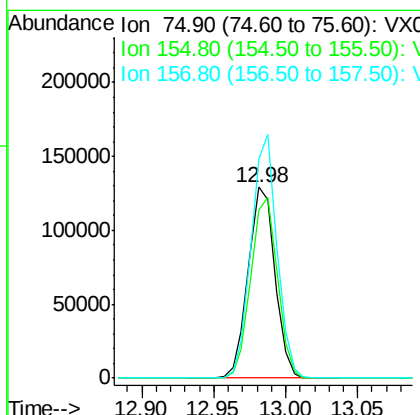
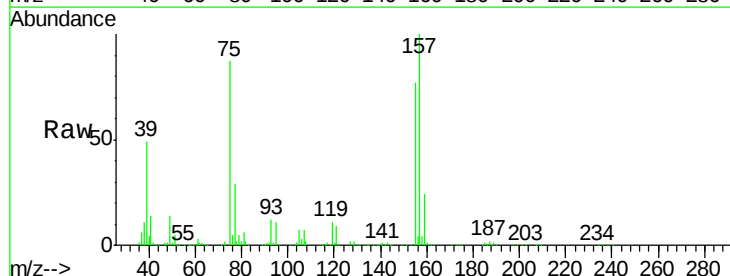
Manual Integrations
 APPROVED

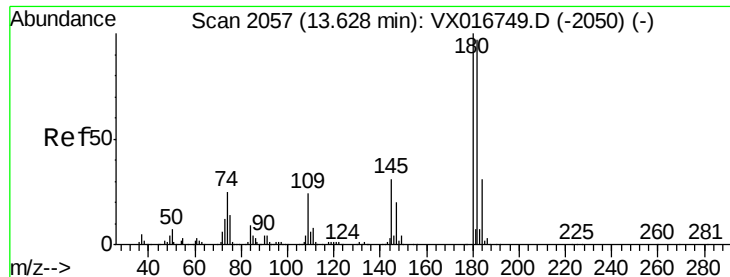
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 145.431 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	94.5	46.9	140.7	
157	122.1	59.6	178.7	





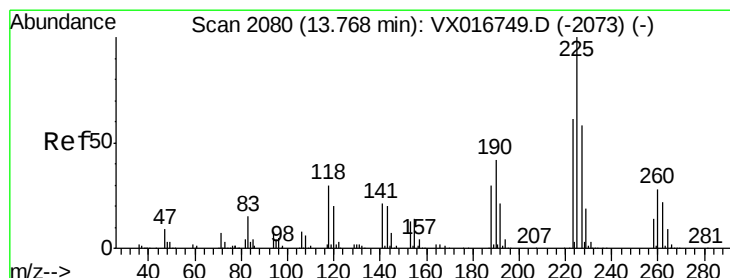
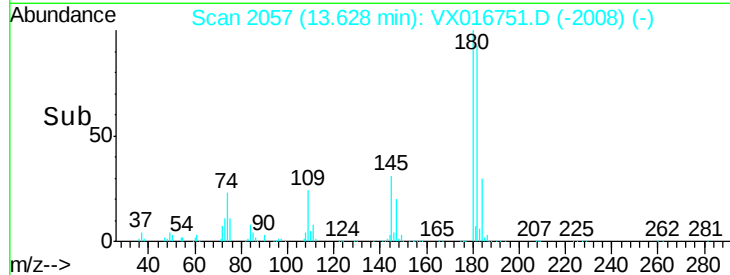
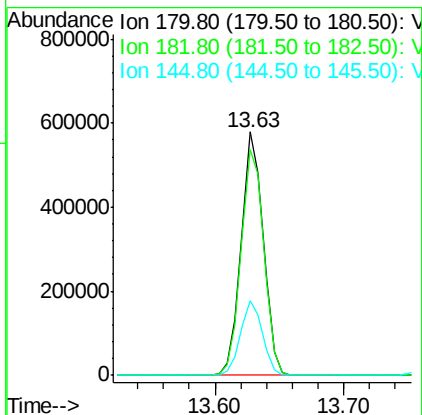
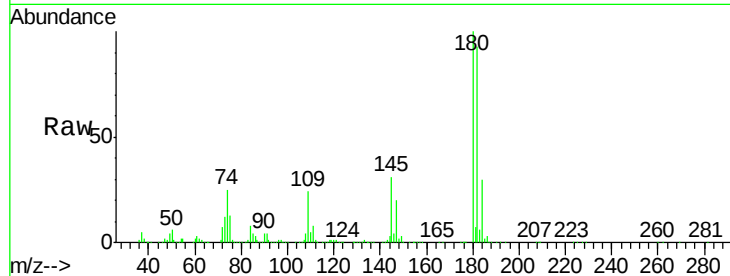
#93
 1,2,4-Trichlorobenzene
 Concen: 164.293 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	684505		
182	95.6	48.6	145.8	
145	30.9	15.4	46.4	

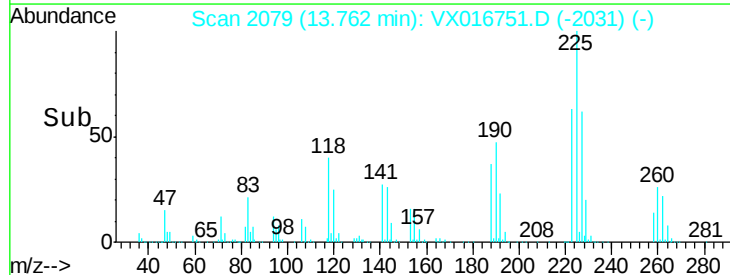
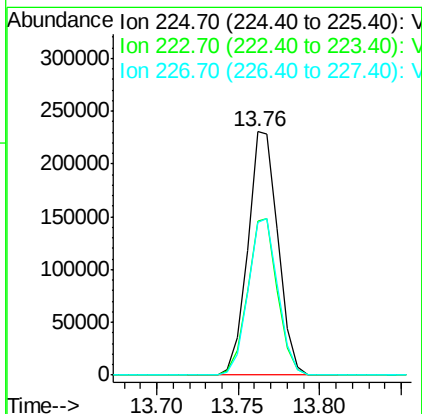
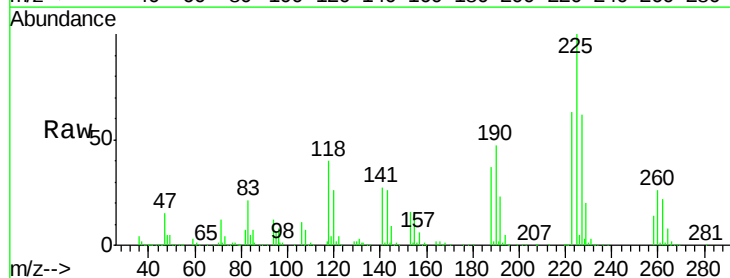
Manual Integrations
 APPROVED

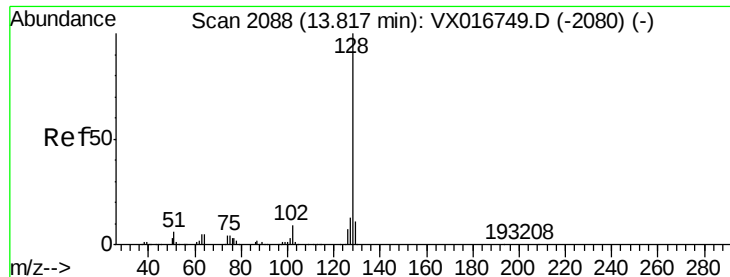
MMDadoda
 6/16/2020 3:23:15 PM



#94
 Hexachlorobutadiene
 Concen: 174.641 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016751.D
 Acq: 15 Jun 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	295913		
223	63.3	31.1	93.5	
227	63.7	30.9	92.7	





#95

Naphthalene

Concen: 155.032 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2197830

Ion Ratio Lower Upper

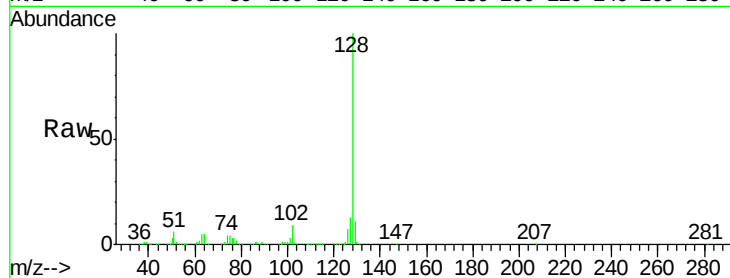
128 100

127 12.8 10.2 15.4

129 11.0 8.8 13.2

Manual Integrations
APPROVED

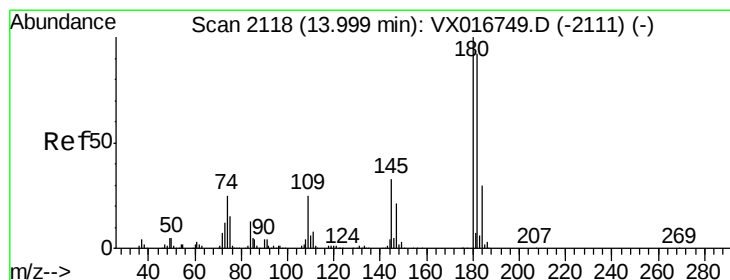
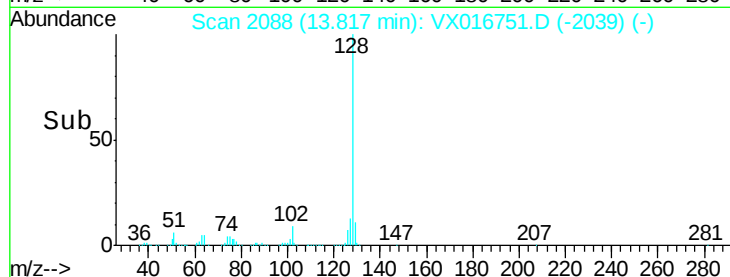
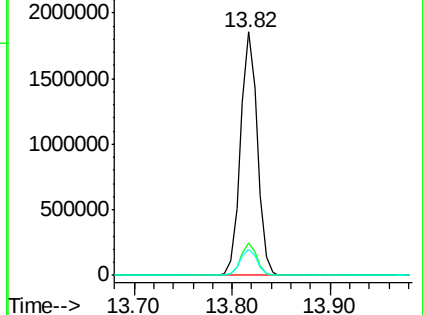
MMDadoda
6/16/2020 3:23:15 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 160.238 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016751.D

Acq: 15 Jun 2020 13:03

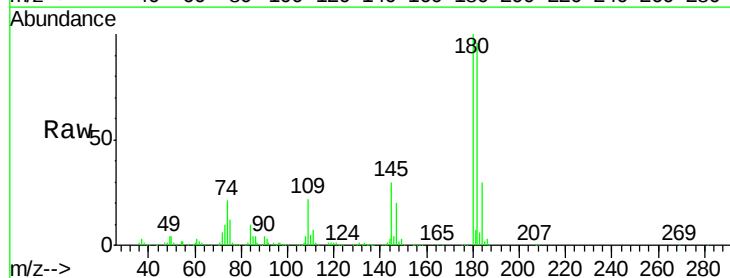
Tgt Ion:180 Resp: 659505

Ion Ratio Lower Upper

180 100

182 96.9 47.1 141.4

145 32.5 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

