

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016821.D
 Acq On : 17 Jun 2020 16:58
 Operator : JC/SP
 Sample : VX0617WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:28 AM

Quant Time: Jun 18 01:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	309266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	463575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158542	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
35) Dibromofluoromethane	5.47	113	132707	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
50) Toluene-d8	8.70	98	511709	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.12	95	204016	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60505	17.412	ug/l	100
3) Chloromethane	1.31	50	53760	15.924	ug/l	100
4) Vinyl Chloride	1.39	62	62237	17.277	ug/l	98
5) Bromomethane	1.63	94	39905	17.837	ug/l	97
6) Chloroethane	1.72	64	38984	17.568	ug/l	98
7) Trichlorofluoromethane	1.92	101	87320	16.830	ug/l	100
8) Diethyl Ether	2.17	74	33969	16.033	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47867	18.134	ug/l	96
10) Methyl Iodide	2.50	142	39889	12.090	ug/l	98
11) Tert butyl alcohol	3.01	59	60447	69.169	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48957	16.196	ug/l	98
13) Acrolein	2.27	56	21206	58.770	ug/l	97
14) Allyl chloride	2.71	41	67575	14.294	ug/l	96
15) Acrylonitrile	3.12	53	125511	70.778	ug/l	99
16) Acetone	2.42	43	136556	86.541	ug/l	98
17) Carbon Disulfide	2.55	76	123148	14.225	ug/l	100
18) Methyl Acetate	2.75	43	63752	15.137	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	142542	13.836	ug/l	96
20) Methylene Chloride	2.84	84	46812	13.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	45500	14.008	ug/l	99
22) Diisopropyl ether	3.83	45	129908	14.629	ug/l	93
23) Vinyl Acetate	3.79	43	547308	71.308	ug/l	100
24) 1,1-Dichloroethane	3.67	63	78438	14.123	ug/l	98
25) 2-Butanone	4.64	43	173448	72.935	ug/l	96
26) 2,2-Dichloropropane	4.56	77	72561	14.109	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	52779	14.216	ug/l	98
28) Bromochloromethane	4.98	49	41025	17.316	ug/l	98
29) Tetrahydrofuran	5.09	42	112276	72.880	ug/l	99
30) Chloroform	5.18	83	81726	13.909	ug/l	98
31) Cyclohexane	5.56	56	67683	15.618	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	75746	14.206	ug/l	99
36) 1,1-Dichloropropene	5.78	75	61390	14.985	ug/l	100
37) Ethyl Acetate	4.80	43	65483	14.596	ug/l	100
38) Carbon Tetrachloride	5.76	117	67626	14.535	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69266	15.256	ug/l	96
40) Benzene	6.12	78	184809	14.816	ug/l	98
41) Methacrylonitrile	5.01	41	36381	15.209	ug/l	98
42) 1,2-Dichloroethane	6.17	62	63658	13.983	ug/l	99
43) Isopropyl Acetate	6.42	43	103067	14.658	ug/l	100
44) Trichloroethene	7.20	130	59494	15.420	ug/l	97
45) 1,2-Dichloropropane	7.49	63	45842	14.993	ug/l	99
46) Dibromomethane	7.64	93	32533	14.598	ug/l	98
47) Bromodichloromethane	7.88	83	64352	13.851	ug/l	100
48) Methyl methacrylate	7.75	41	49409	14.826	ug/l	98
49) 1,4-Dioxane	7.71	88	24434	296.265	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	329435	76.032	ug/l	100
52) Toluene	8.77	92	119645	14.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	74163	14.133	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	79702	14.561	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	47842	14.683	ug/l	99
56) Ethyl methacrylate	9.16	69	72464	14.854	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99564	18.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	218411	91.055	ug/l	99
59) 2-Hexanone	9.48	43	310147	92.725	ug/l	99
60) Dibromochloromethane	9.57	129	62117	16.131	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59103	16.644	ug/l	99
64) Tetrachloroethene	9.32	164	80333	17.454	ug/l	97
65) Chlorobenzene	10.12	112	145336	14.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57403	14.795	ug/l	96
67) Ethyl Benzene	10.24	91	267205	16.252	ug/l	100
68) m/p-Xylenes	10.34	106	197350	31.657	ug/l	100
69) o-Xylene	10.68	106	88183	14.683	ug/l	100
70) Styrene	10.70	104	149184	14.369	ug/l	98
71) Bromoform	10.84	173	45274	13.676	ug/l #	97
73) Isopropylbenzene	11.00	105	230782	15.889	ug/l	100
74) N-amyl acetate	10.88	43	91147	16.146	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	62145	14.545	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	73886m	15.873	ug/l	
77) Bromobenzene	11.24	156	63181	15.406	ug/l	99
78) n-propylbenzene	11.34	91	249633	15.826	ug/l	100
79) 2-Chlorotoluene	11.40	91	155113	15.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	192131	15.780	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	27039	14.623	ug/l	98
82) 4-Chlorotoluene	11.49	91	183488	15.716	ug/l	99
83) tert-Butylbenzene	11.76	119	169086	15.177	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	194972	15.830	ug/l	100
85) sec-Butylbenzene	11.93	105	208720	16.016	ug/l	100
86) p-Isopropyltoluene	12.05	119	189233	15.134	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102556	14.792	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	103707	14.424	ug/l	99
89) n-Butylbenzene	12.37	91	156274	15.140	ug/l	99
90) Hexachloroethane	12.58	117	31285	13.568	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	97778	14.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17015	14.241	ug/l	97

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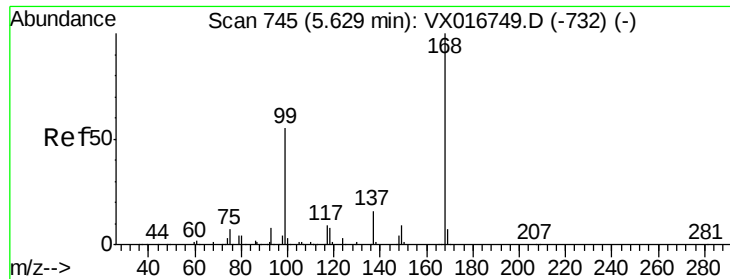
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73059	15.047	ug/l	97
94) Hexachlorobutadiene	13.76	225	33005	15.733	ug/l	94
95) Naphthalene	13.82	128	226855	14.914	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	71852	15.035	ug/l	99

(#) = 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: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion:168 Resp: 309266

Ion Ratio Lower Upper

168 100

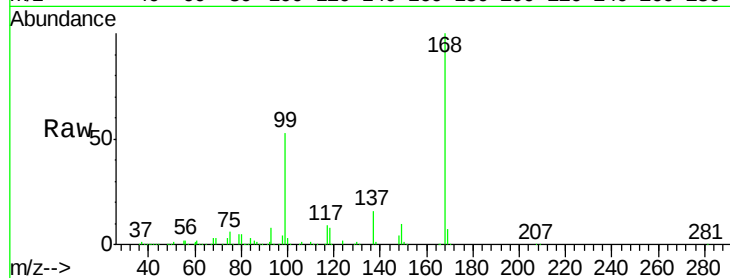
99 52.5 43.8 65.6

Manual Integrations

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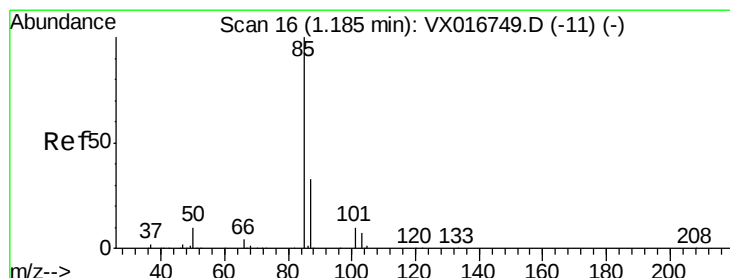
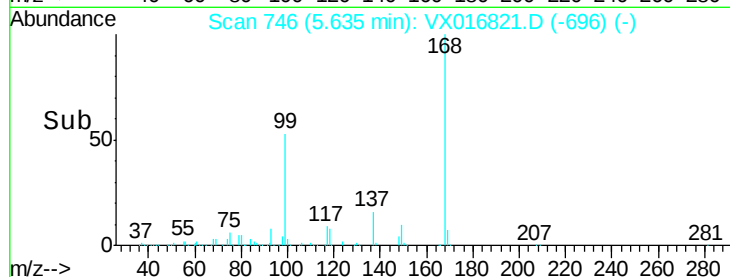
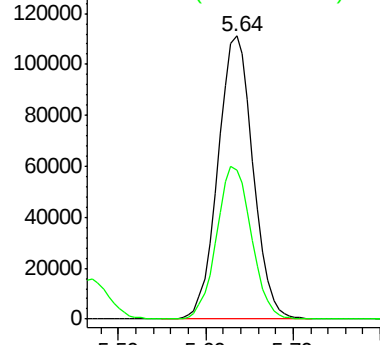
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.412 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016821.D

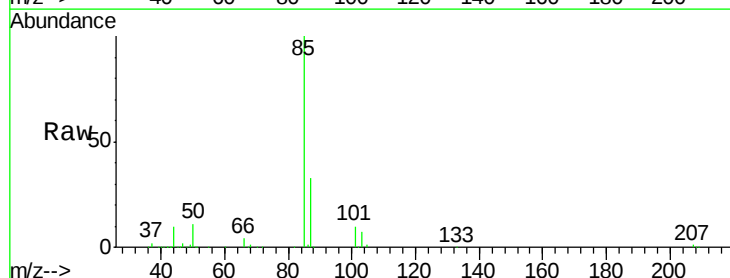
Acq: 17 Jun 2020 16:58

Tgt Ion: 85 Resp: 60505

Ion Ratio Lower Upper

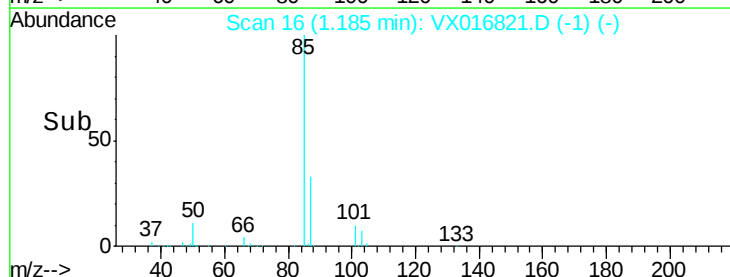
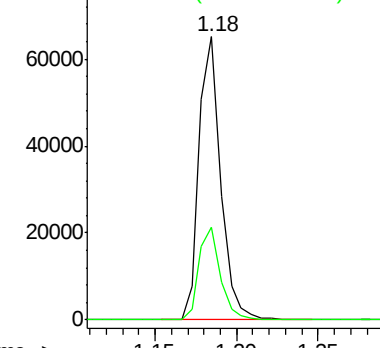
85 100

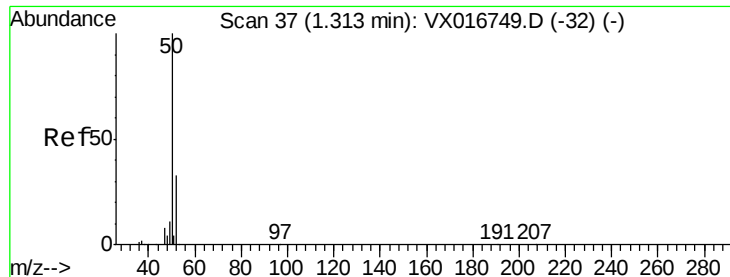
87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.924 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 50 Resp: 53760

Ion Ratio Lower Upper

50 100

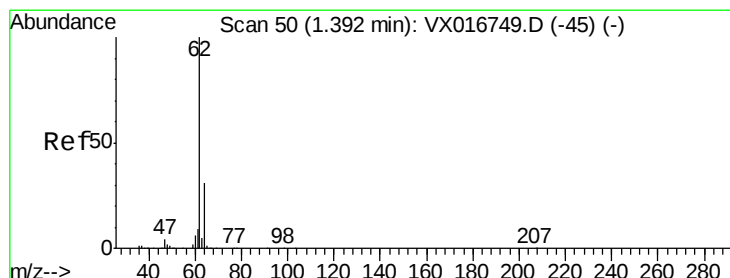
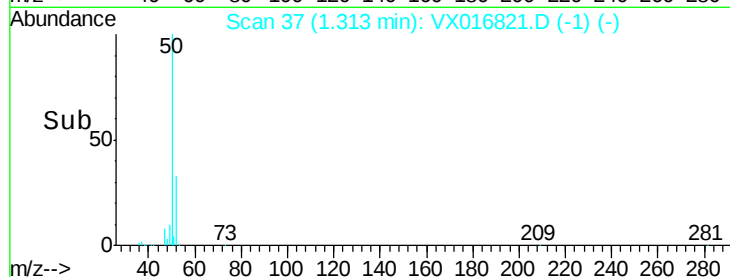
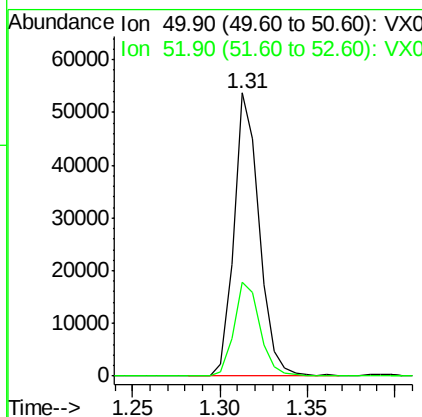
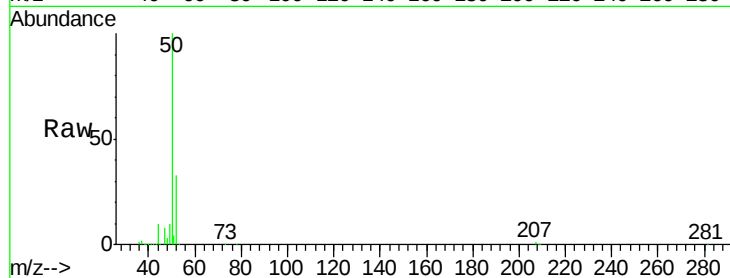
52 33.2 26.5 39.7

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#4

Vinyl Chloride

Concen: 17.277 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016821.D

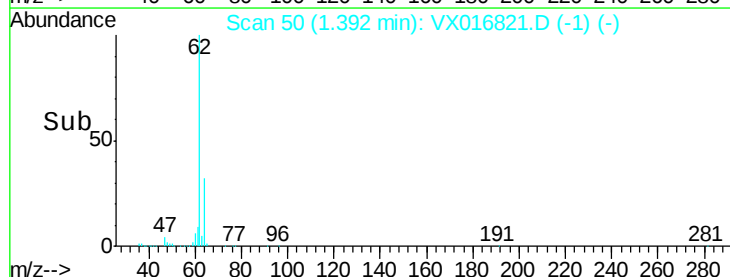
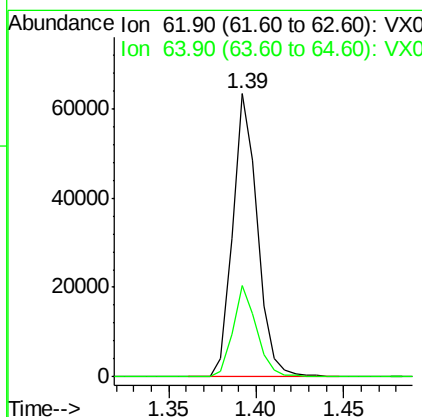
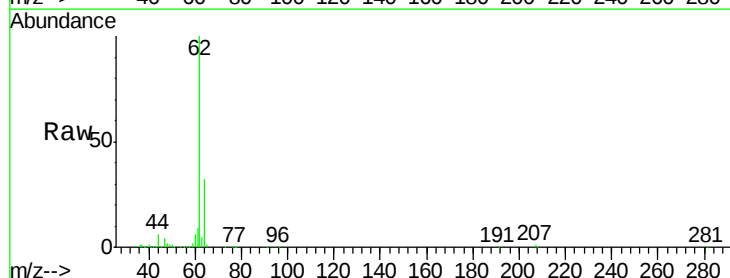
Acq: 17 Jun 2020 16:58

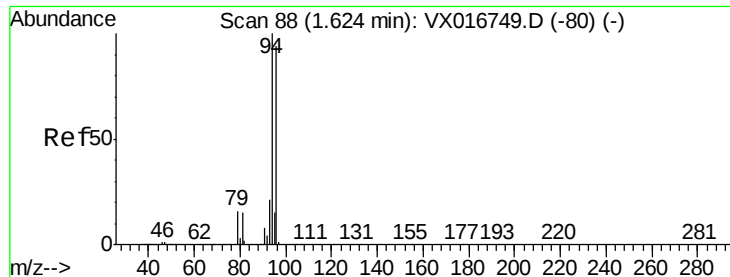
Tgt Ion: 62 Resp: 62237

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 17.837 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 94 Resp: 39905

Ion Ratio Lower Upper

94 100

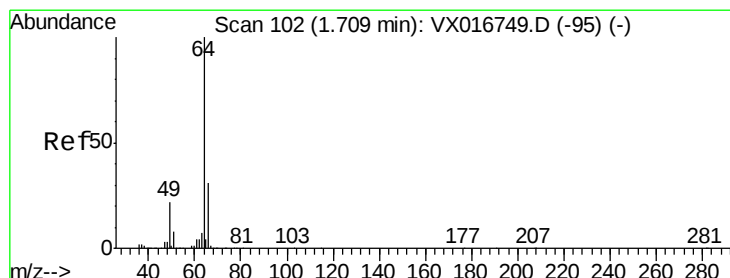
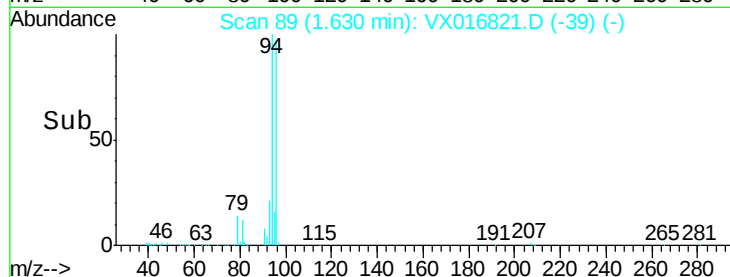
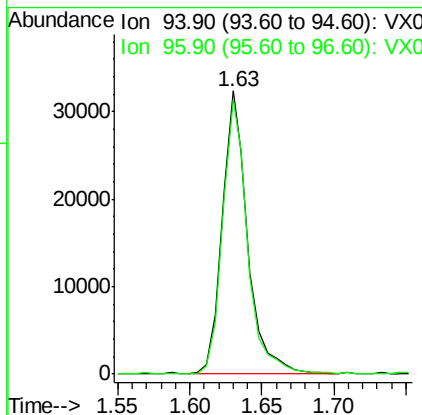
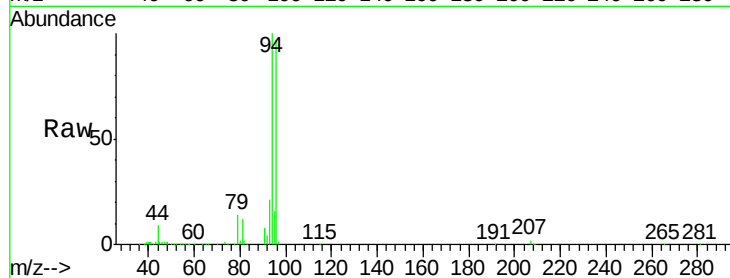
96 96.9 75.4 113.0

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#6

Chloroethane

Concen: 17.568 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016821.D

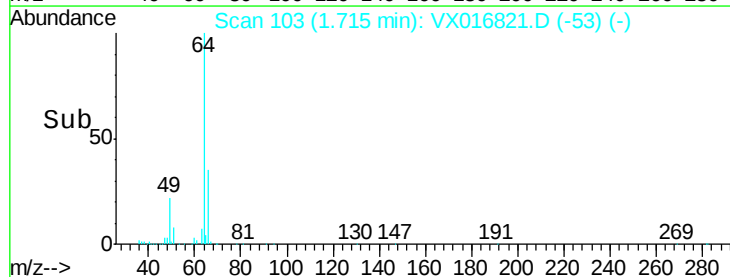
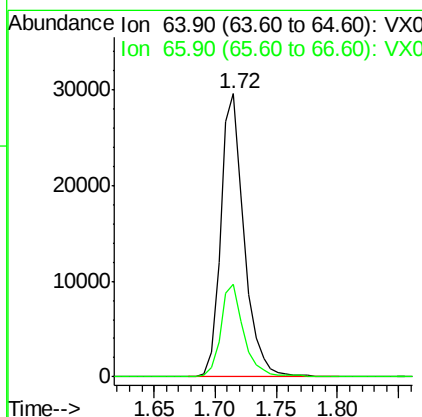
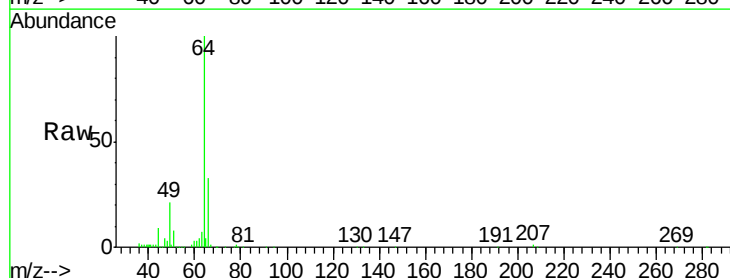
Acq: 17 Jun 2020 16:58

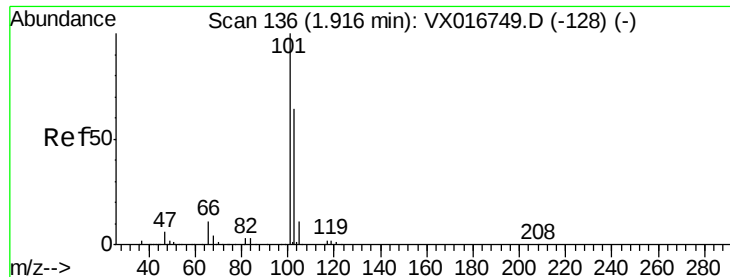
Tgt Ion: 64 Resp: 38984

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.6





#7

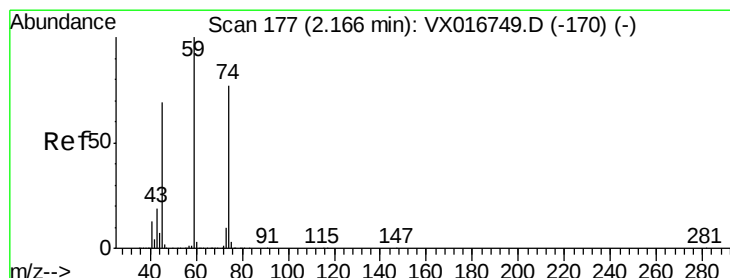
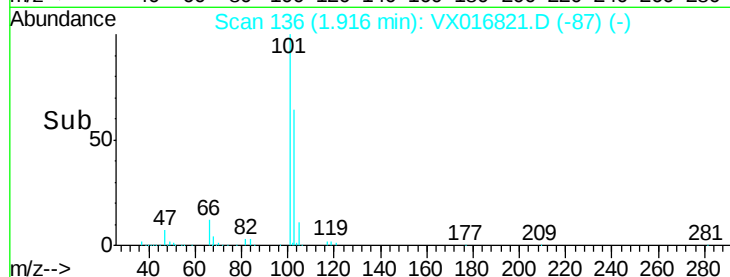
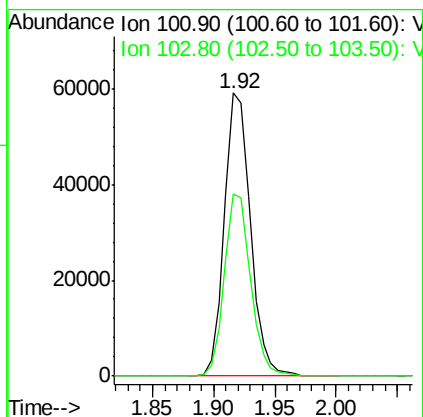
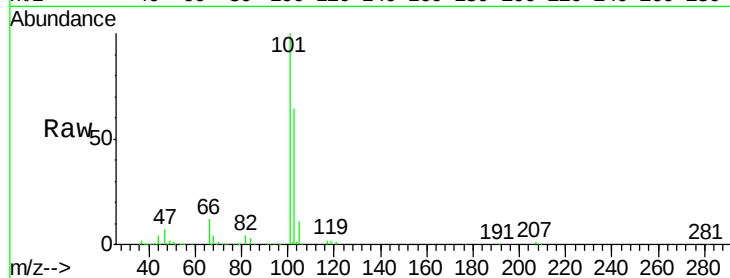
Trichlorofluoromethane
Concen: 16.830 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.3	76.9

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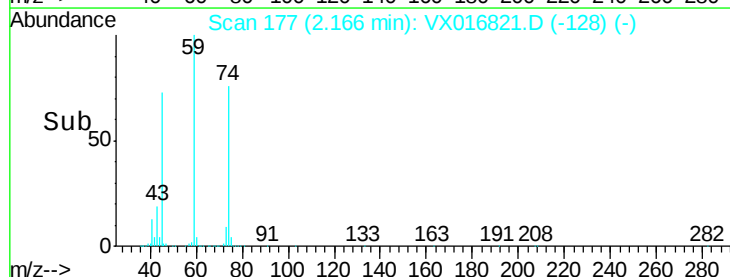
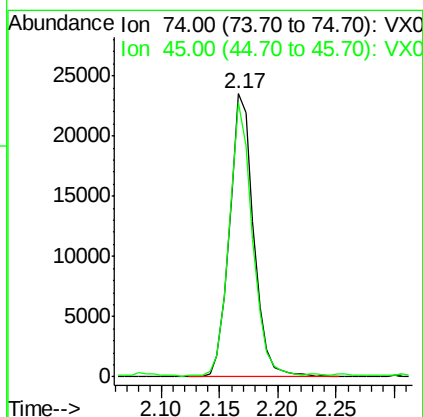
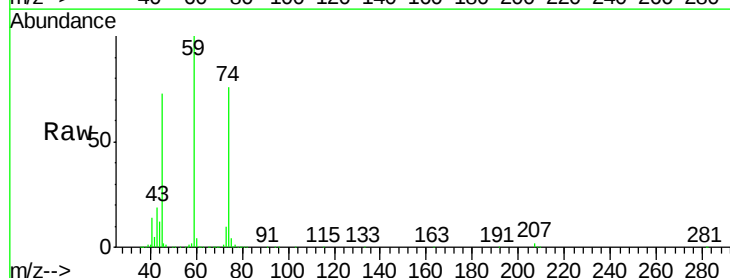
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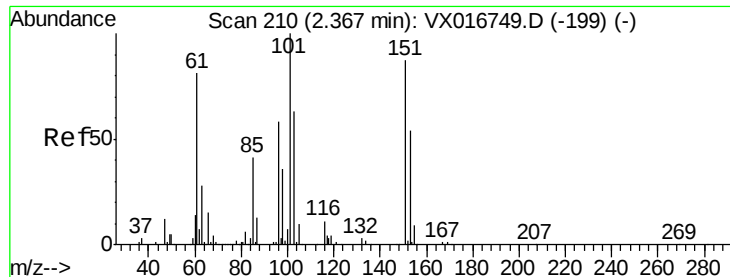


#8

Diethyl Ether
Concen: 16.033 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.134 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

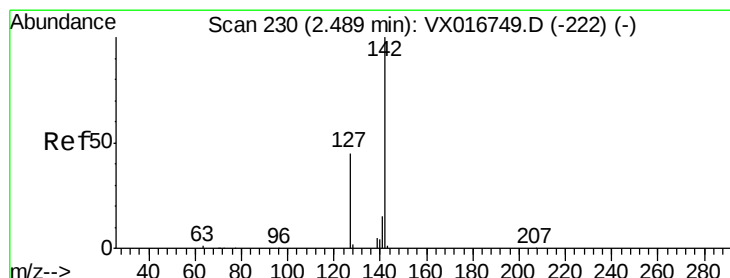
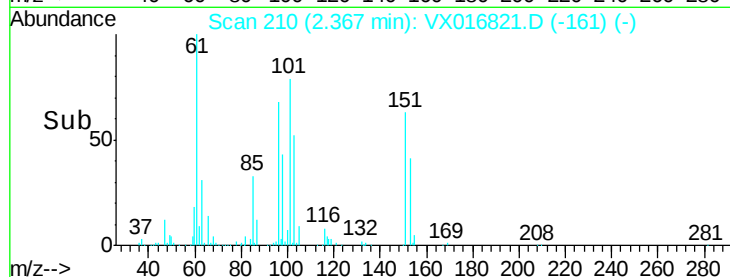
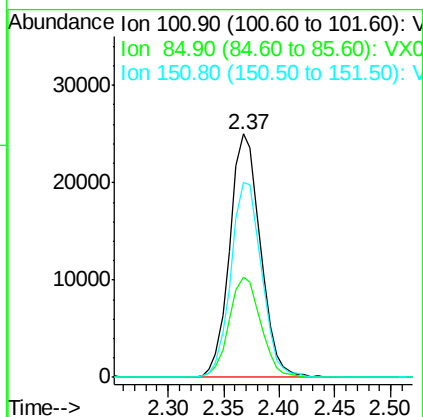
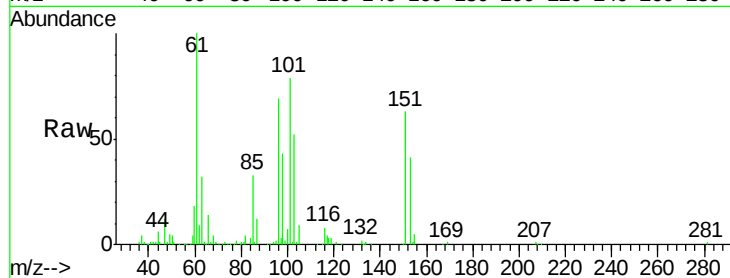
ClientSampleId :

VX0617WBS03

Tot Ion:	101	Resp:	47867
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	80.2	68.7	103.1

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#10

Methyl Iodide

Concen: 12.090 ug/l

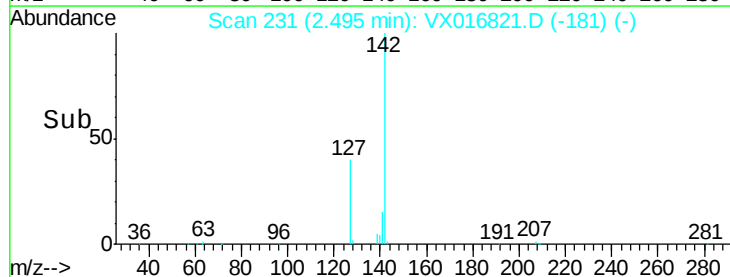
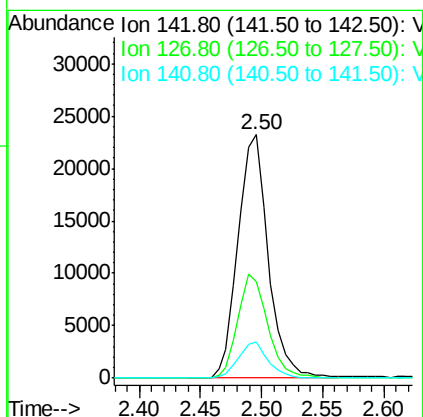
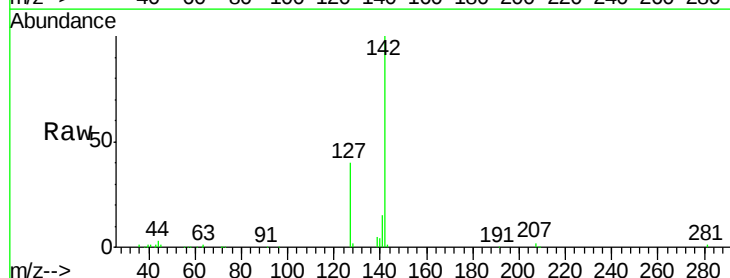
RT: 2.50 min Scan# 231

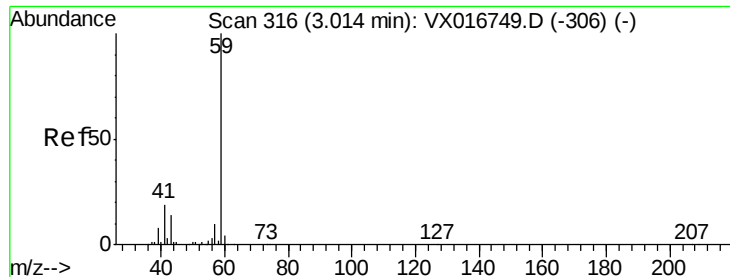
Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	142	Resp:	39889
Ion Ratio	Lower	Upper	
142	100		
127	42.4	35.4	53.2
141	14.4	11.7	17.5





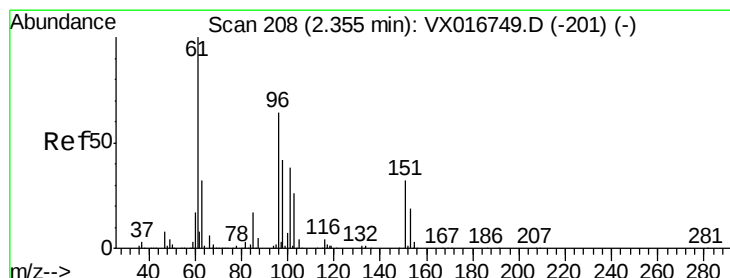
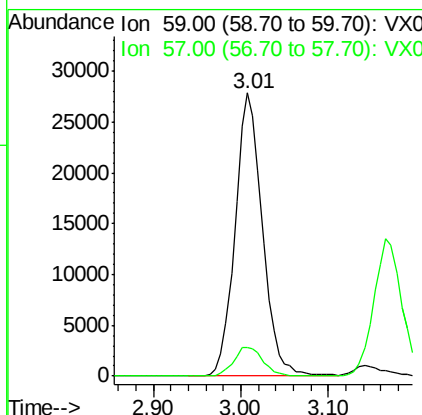
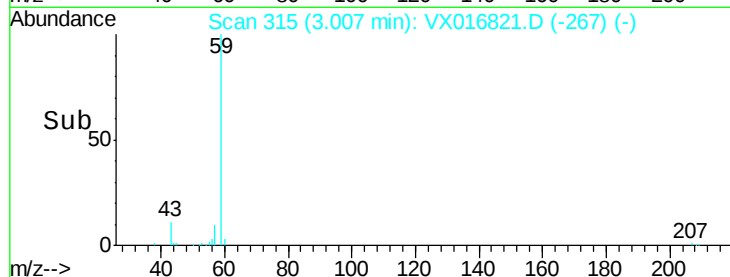
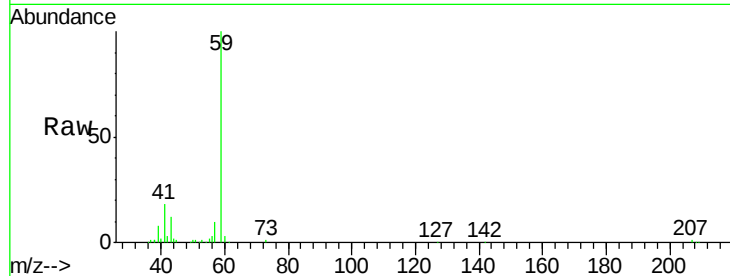
#11
Tert butyl alcohol
Concen: 69.169 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion: 59 Resp: 60447
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

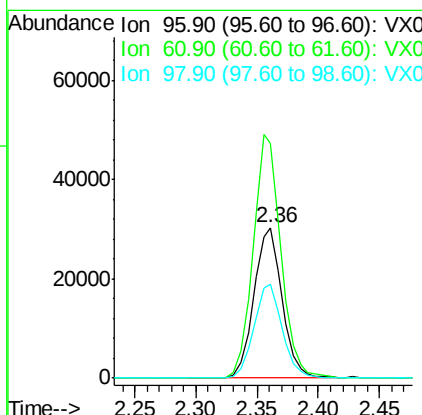
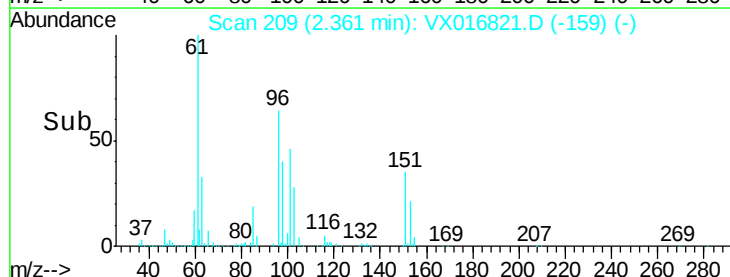
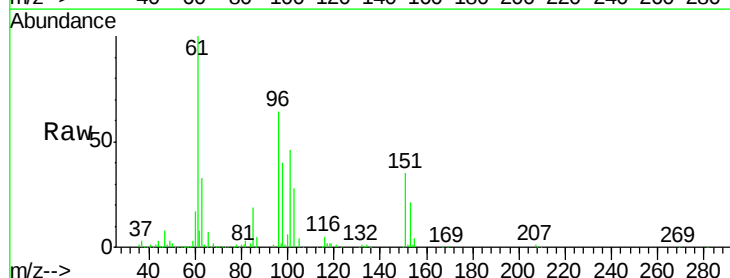
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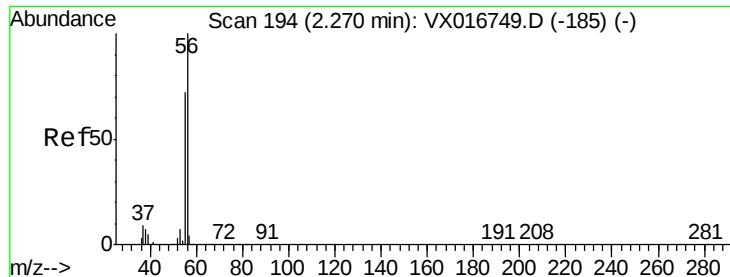
MMDadoda
6/18/2020 11:16:28 AM



#12
1,1-Dichloroethene
Concen: 16.196 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 96 Resp: 48957
Ion Ratio Lower Upper
96 100
61 155.5 124.1 186.1
98 62.1 52.7 79.1





#13

Acrolein

Concen: 58.770 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 56 Resp: 21206

Ion Ratio Lower Upper

56 100

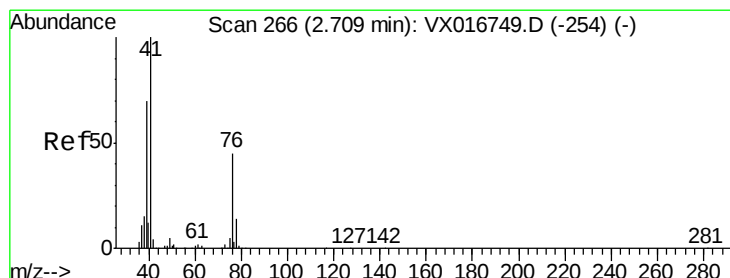
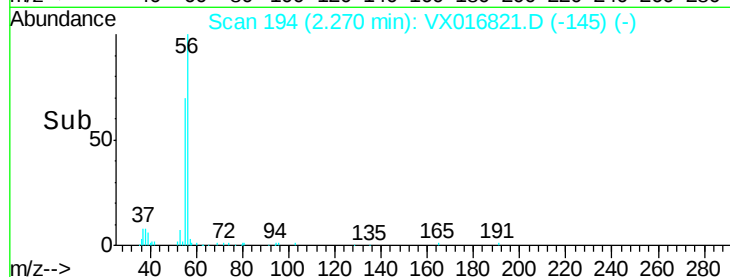
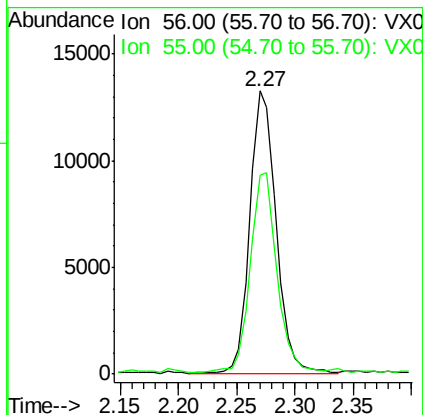
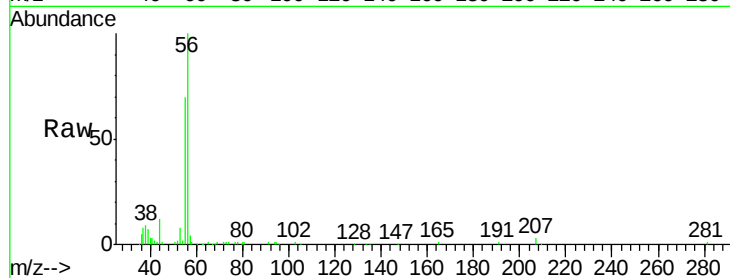
55 70.0 58.2 87.4

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#14

Allyl chloride

Concen: 14.294 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

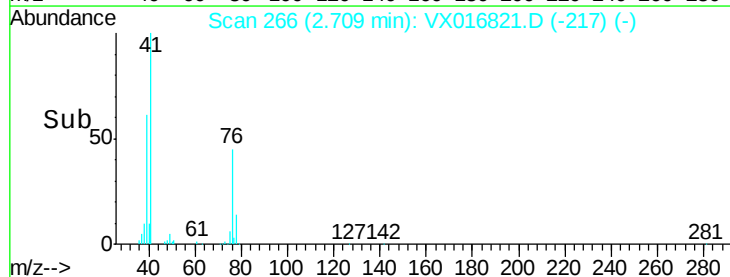
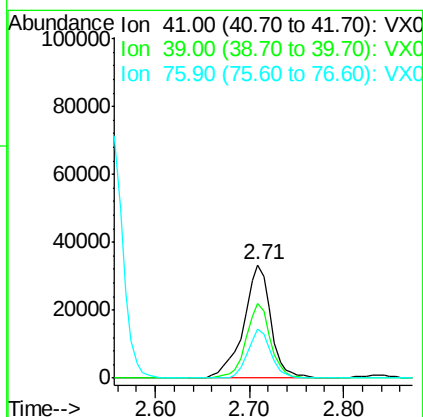
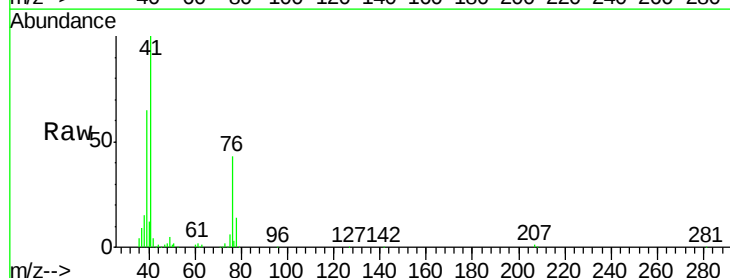
Tgt Ion: 41 Resp: 67575

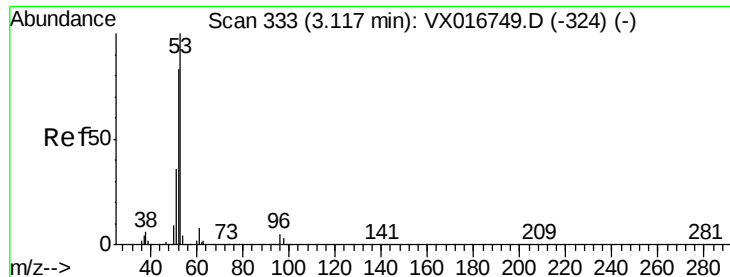
Ion Ratio Lower Upper

41 100

39 58.9 50.2 75.4

76 36.8 30.4 45.6





#15

Acrylonitrile

Concen: 70.778 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

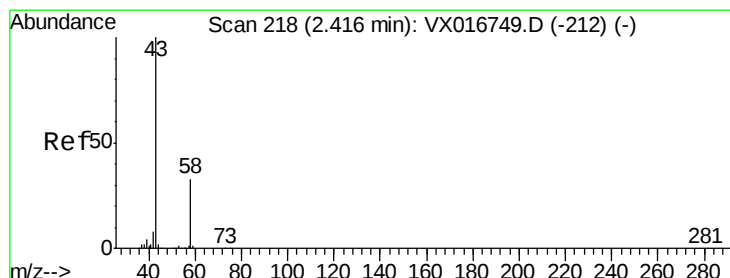
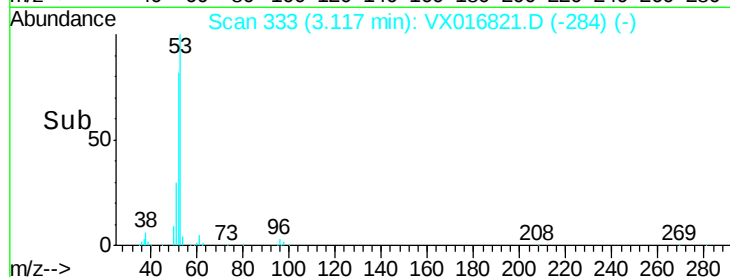
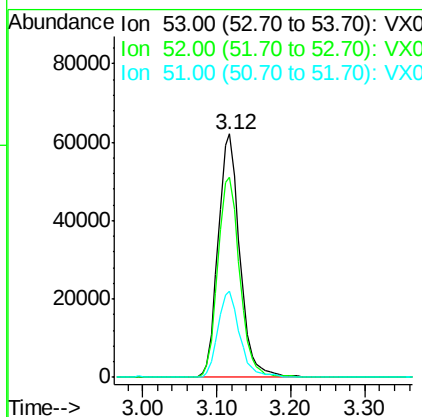
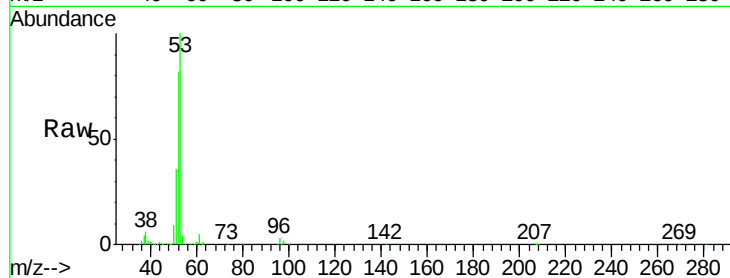
ClientSampleId :

VX0617WBS03

Tot Ion:	53	Resp:	125511
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.5	98.3
51	36.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 86.541 ug/l

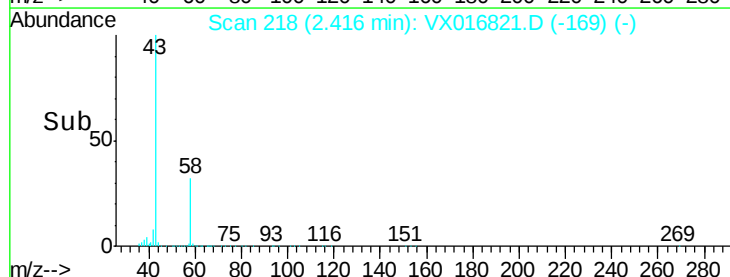
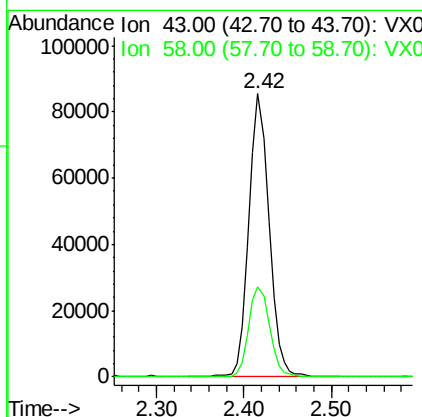
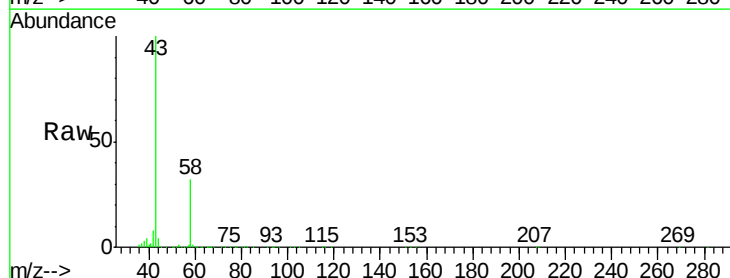
RT: 2.42 min Scan# 218

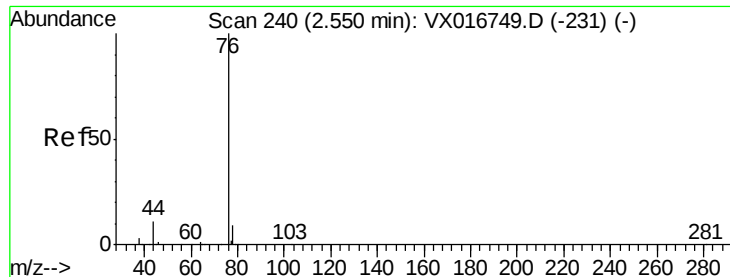
Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	43	Resp:	136556
Ion Ratio	Lower	Upper	
43	100		
58	32.0	26.3	39.5





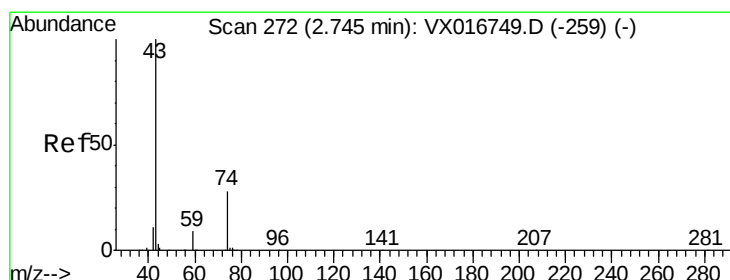
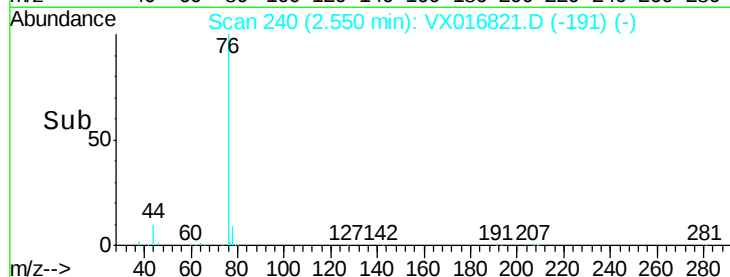
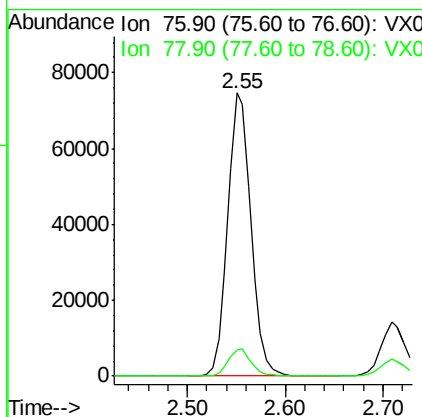
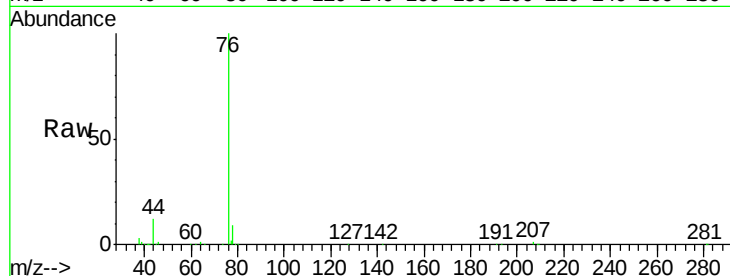
#17
Carbon Disulfide
Concen: 14.225 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

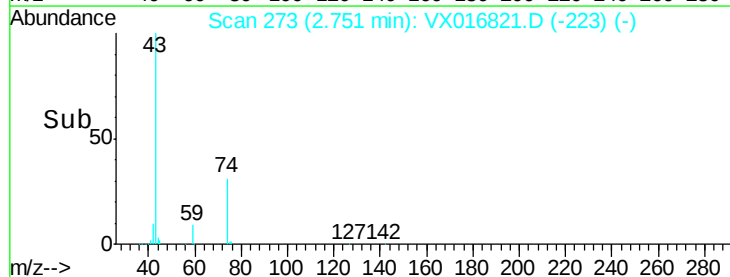
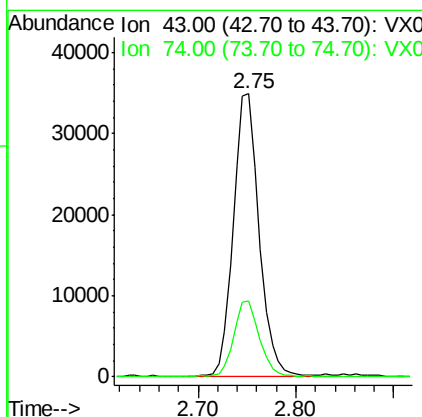
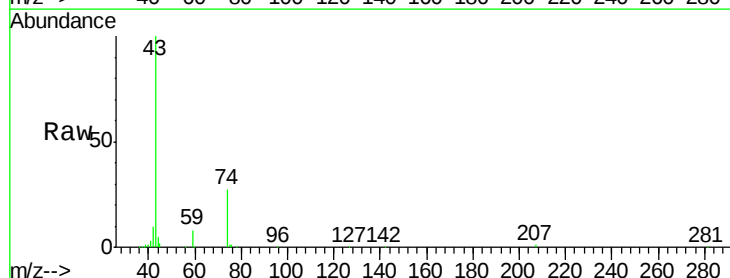
Manual Integrations
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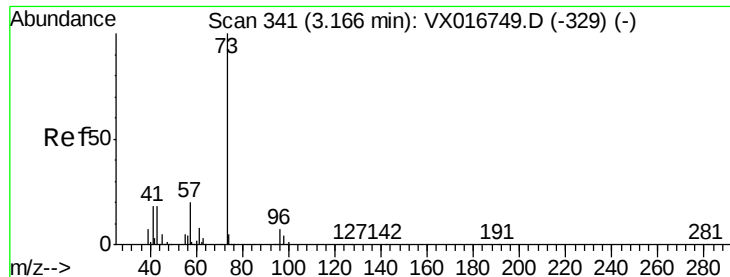
MMDadoda
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#18
Methyl Acetate
Concen: 15.137 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	22.4	33.6





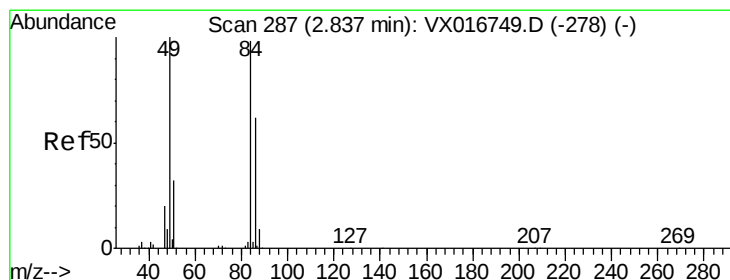
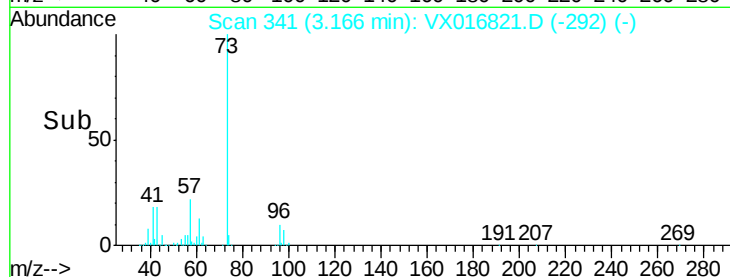
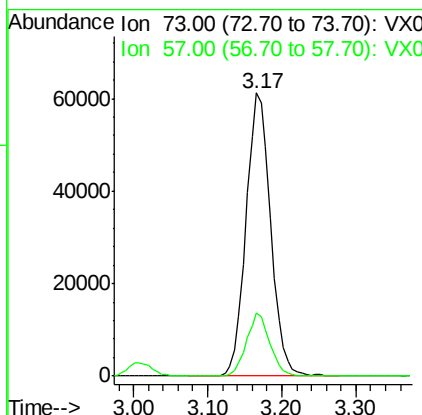
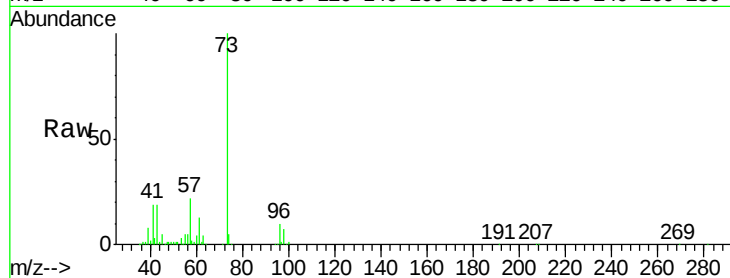
#19
Methyl tert-butyl Ether
Concen: 13.836 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.2	24.4

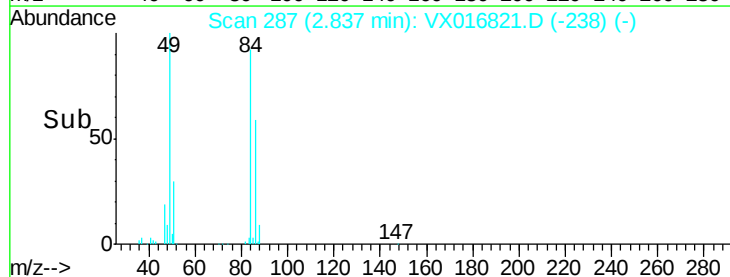
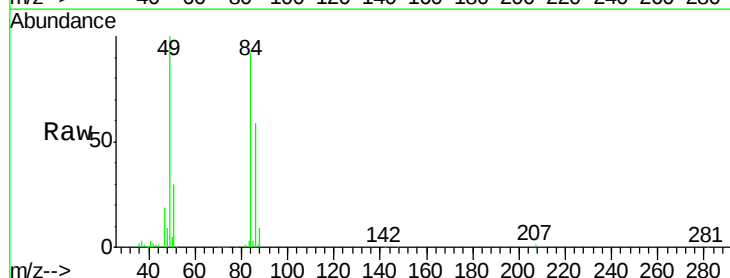
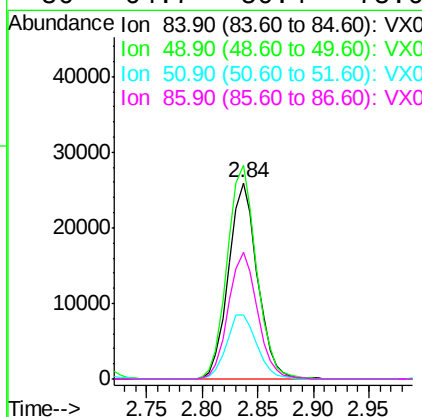
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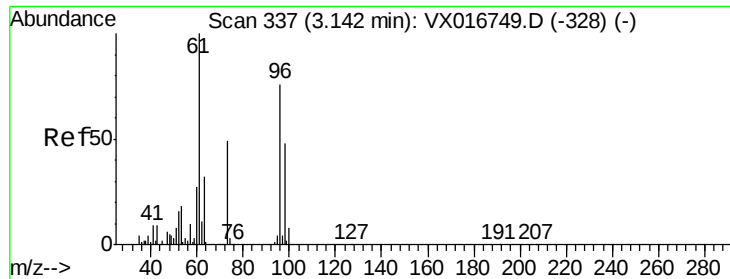
MMDadoda
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#20
Methylene Chloride
Concen: 13.773 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.7	81.8	122.8
51	32.5	25.8	38.8
86	64.7	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 14.008 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

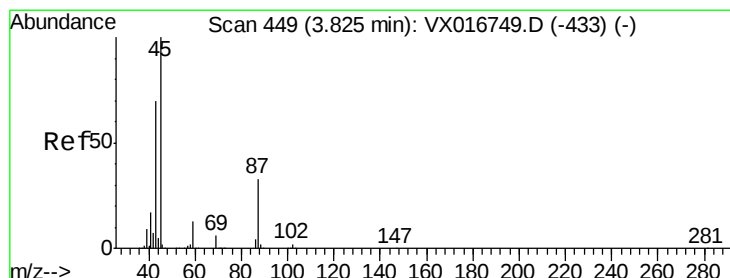
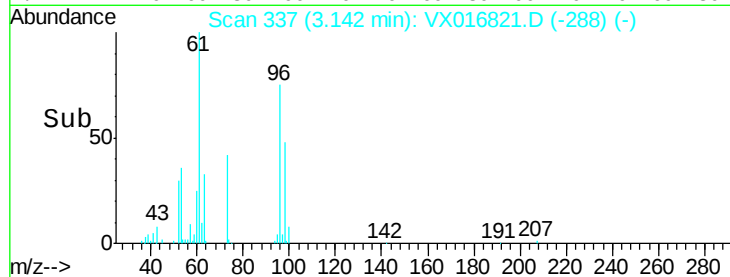
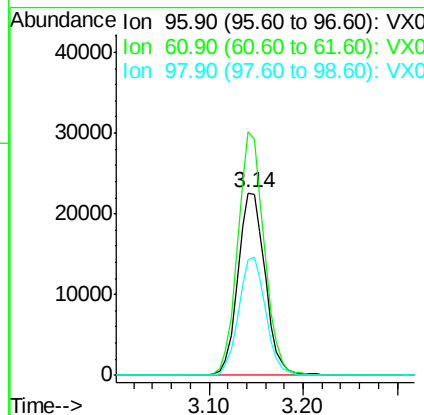
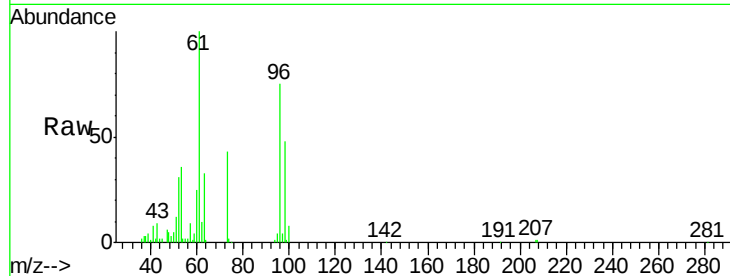
ClientSampleId :

VX0617WBS03

Tot Ion:	96	Resp:	45500
Ion	Ratio	Lower	Upper
96	100		
61	133.4	105.4	158.2
98	63.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 14.629 ug/l

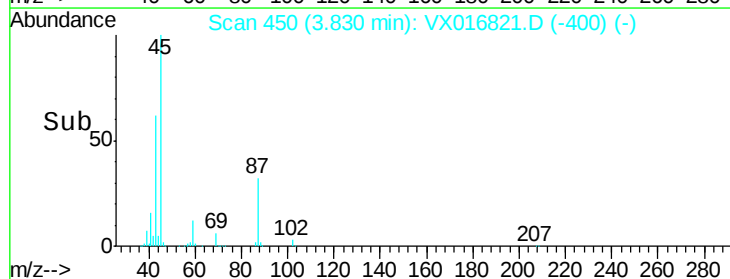
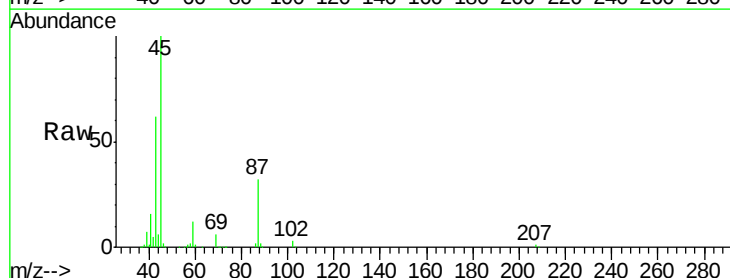
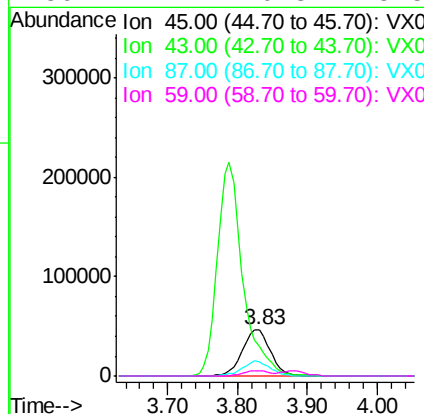
RT: 3.83 min Scan# 450

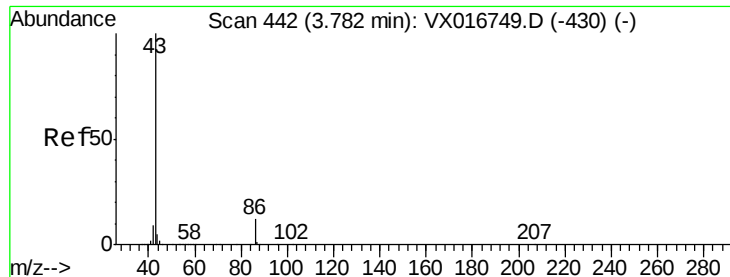
Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	45	Resp:	129908
Ion	Ratio	Lower	Upper
45	100		
43	61.7	56.2	84.4
87	31.6	26.2	39.4
59	12.4	10.3	15.5





#23

Vinyl Acetate

Concen: 71.308 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 43 Resp: 547308

Ion Ratio Lower Upper

43 100

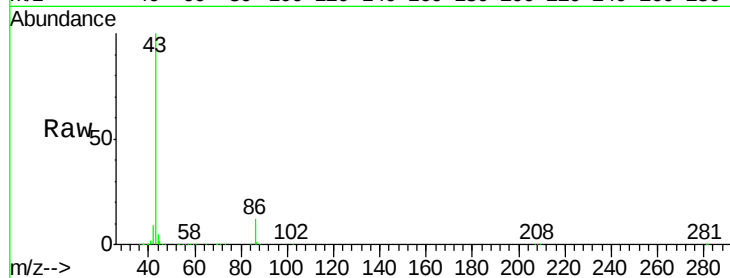
86 12.5 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

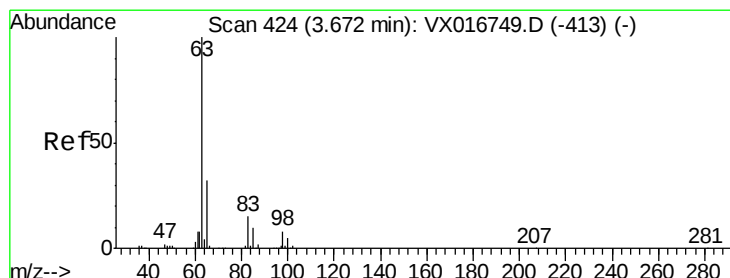
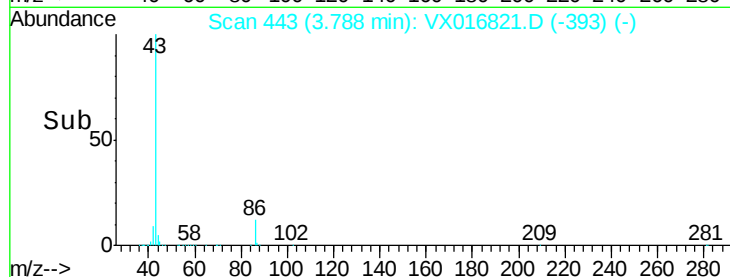
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 14.123 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

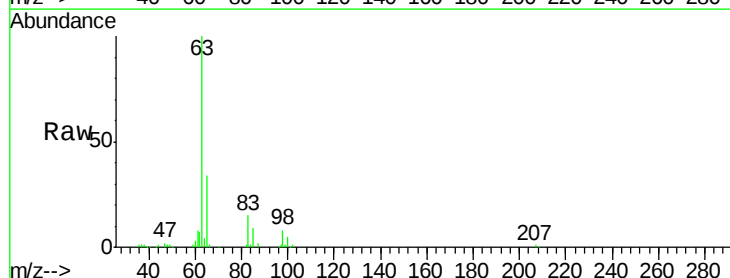
Tgt Ion: 63 Resp: 78438

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

100 5.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

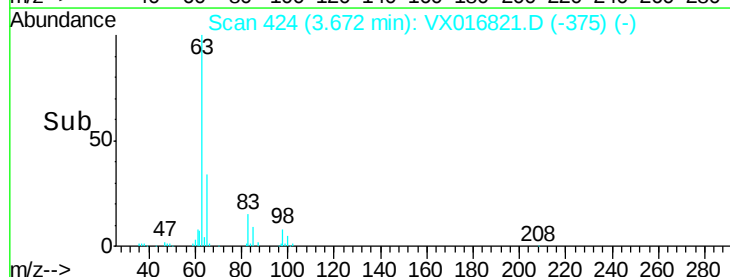
20000

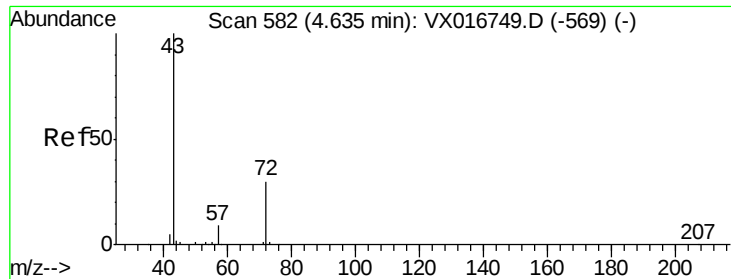
10000

0

3.60 3.70 3.80

Time-->





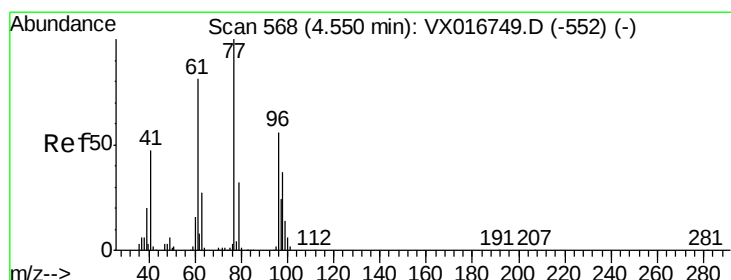
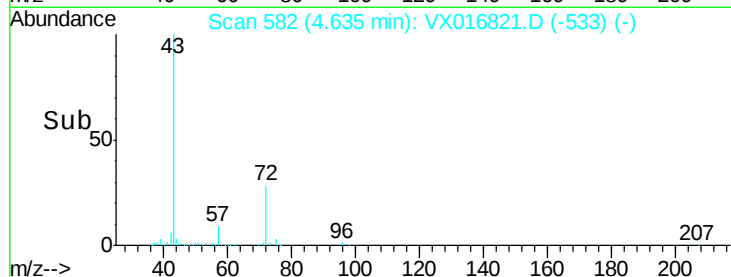
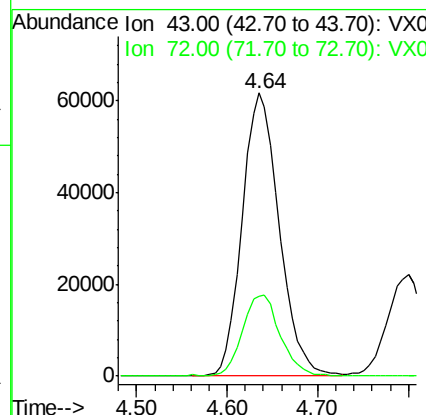
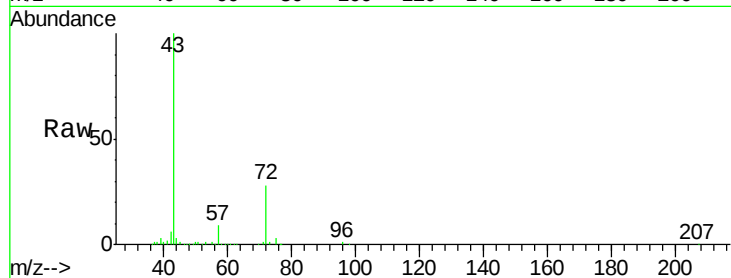
#25
2-Butanone
Concen: 72.935 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion: 43 Resp: 173448
Ion Ratio Lower Upper
43 100
72 28.0 24.2 36.4

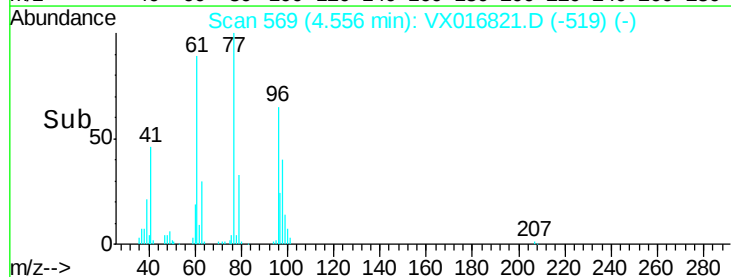
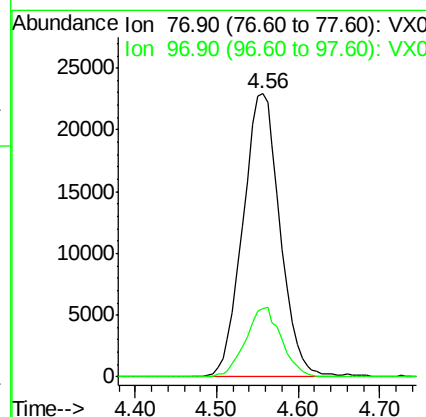
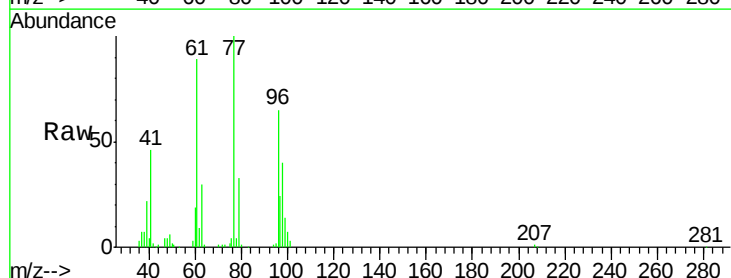
Manual Integrations
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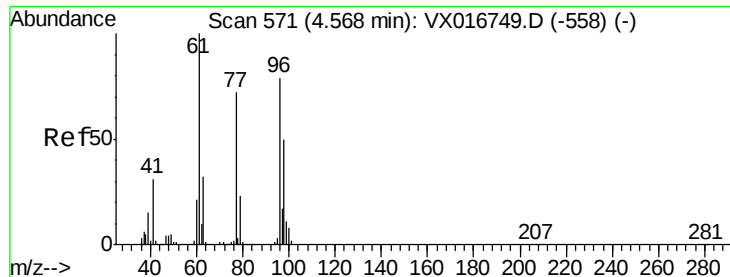
MMDadoda
6/18/2020 11:16:28 AM



#26
2,2-Dichloropropane
Concen: 14.109 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 77 Resp: 72561
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.4





#27

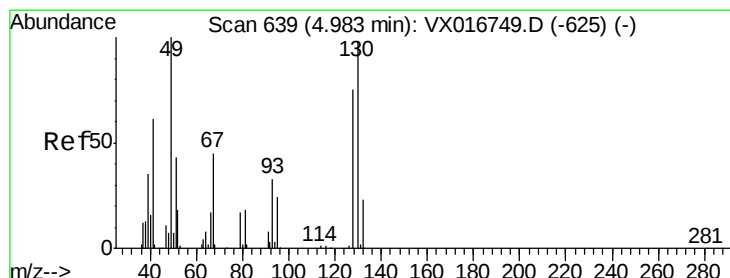
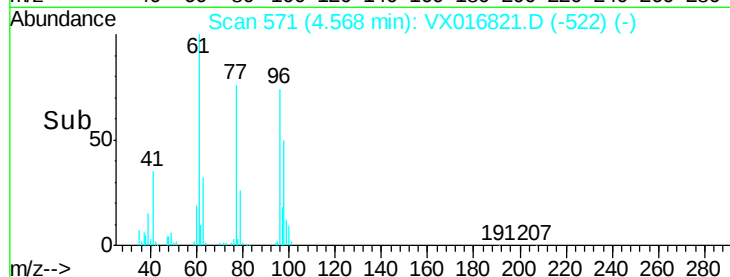
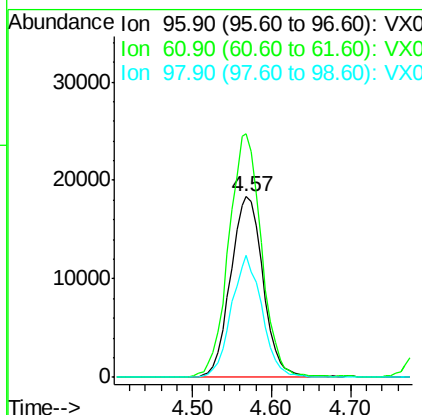
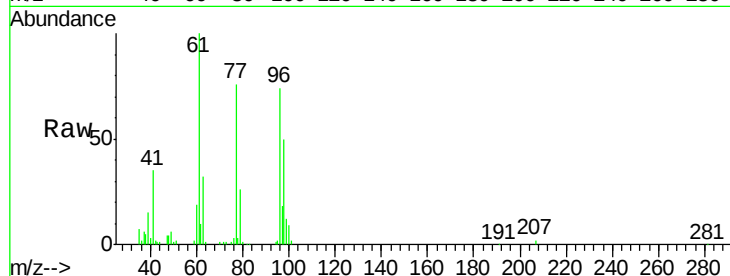
cis-1,2-Dichloroethene
Concen: 14.216 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	276.2
98	63.4	0.0	130.0

Manual Integrations
APPROVED

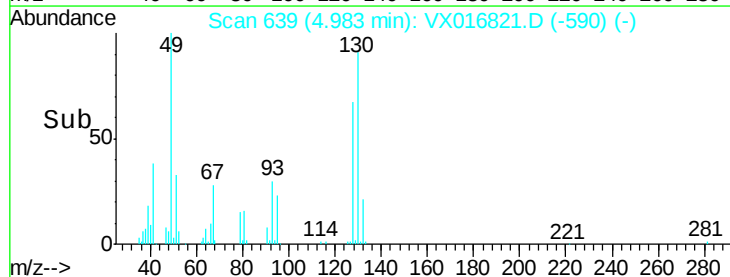
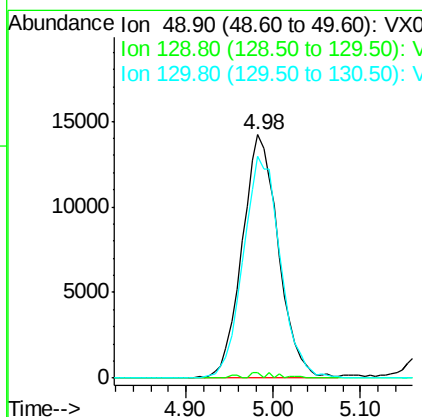
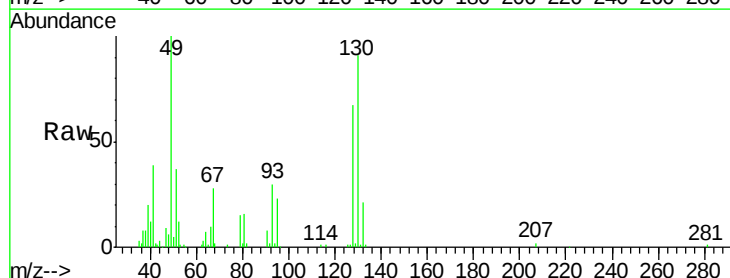
MMDadoda
6/18/2020 11:16:28 AM

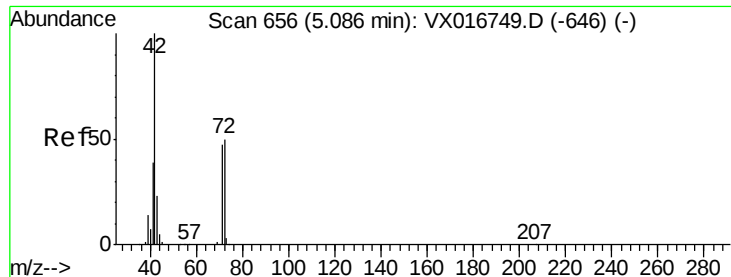


#28

Bromochloromethane
Concen: 17.316 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	2.8
130	93.1	76.0	114.0





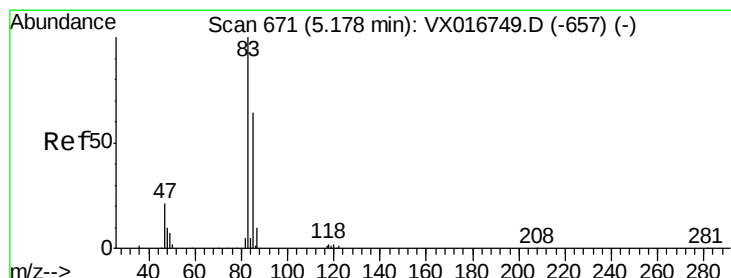
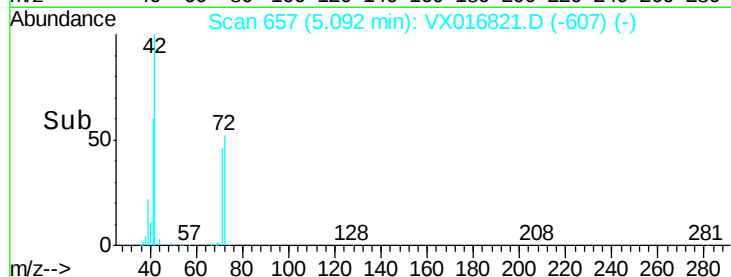
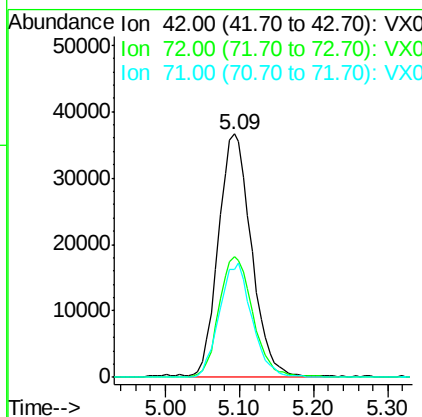
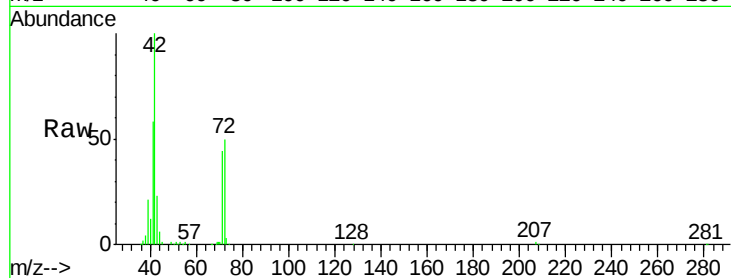
#29
Tetrahydrofuran
Concen: 72.880 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.0	61.6
71	46.6	38.2	57.4

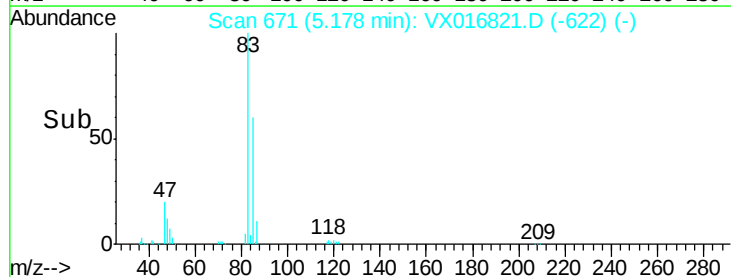
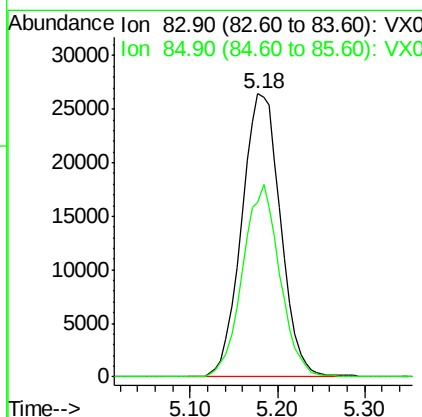
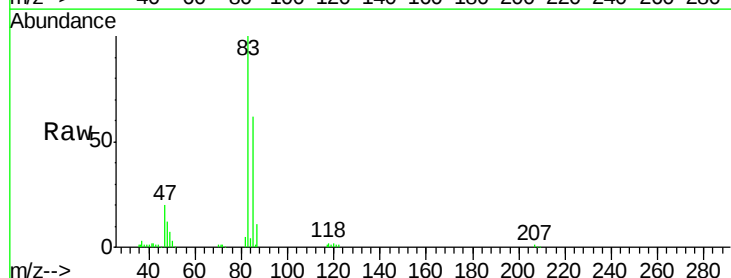
Manual Integrations
APPROVED

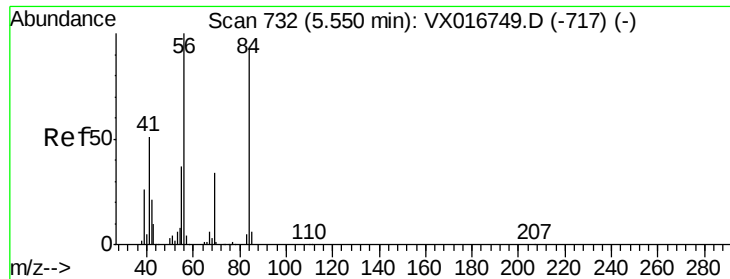
MMDadoda
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#30
Chloroform
Concen: 13.909 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.8	76.2





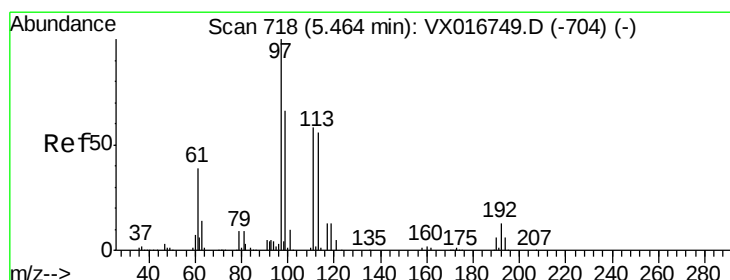
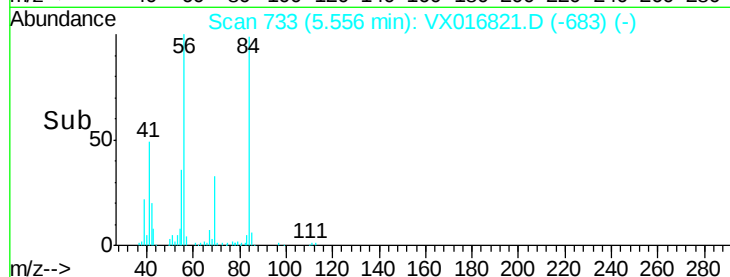
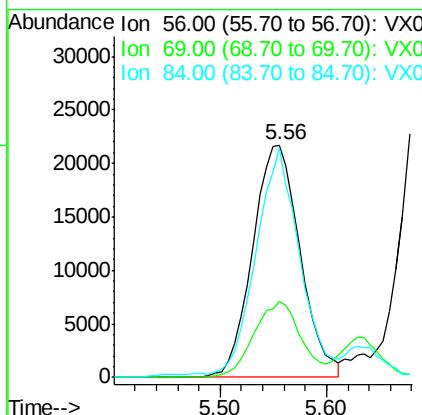
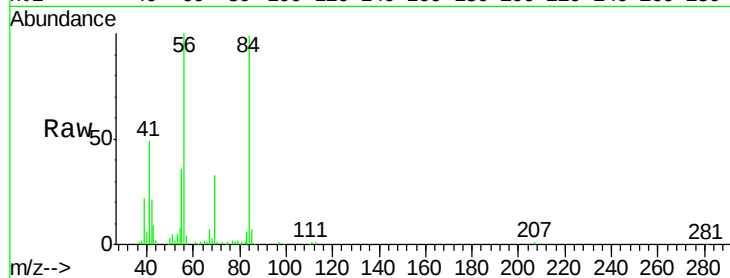
#31
Cyclohexane
Concen: 15.618 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	27.1	40.7
84	97.4	74.0	111.0

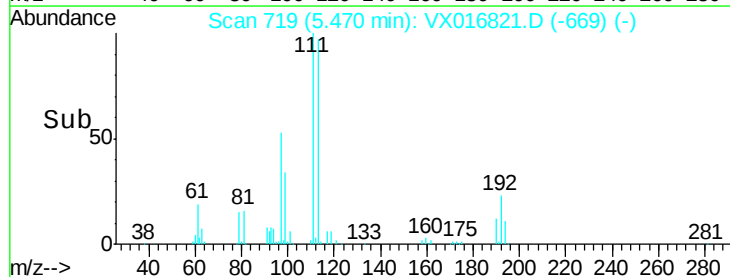
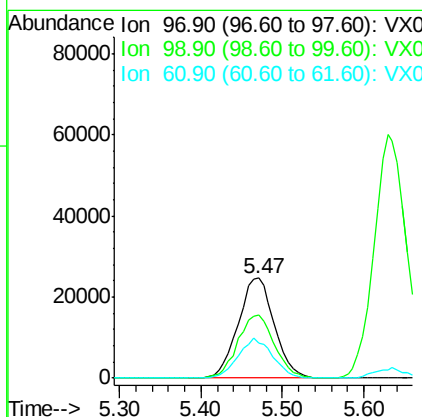
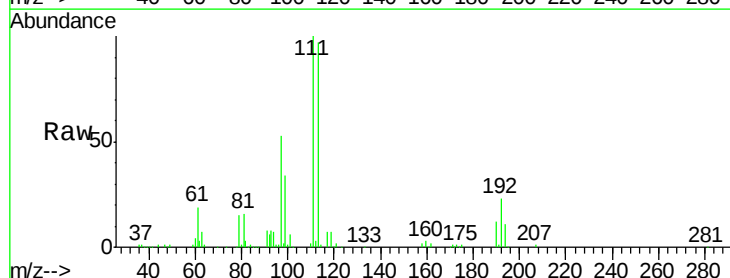
Manual Integrations
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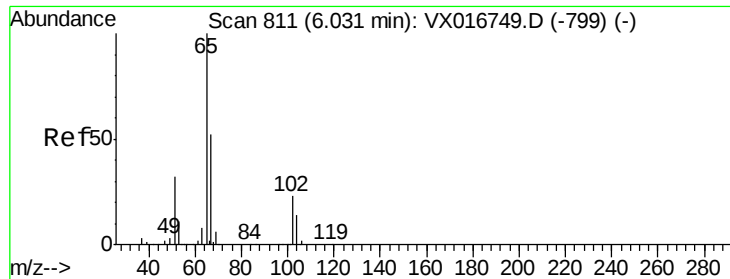
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 14.206 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	38.1	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 45.583 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 65 Resp: 158542

Ion Ratio Lower Upper

65 100

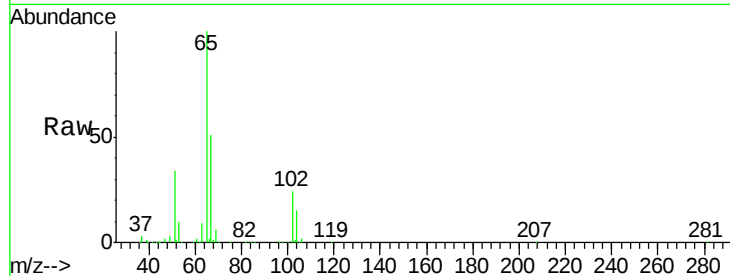
67 52.2 0.0 103.0

Manual Integrations

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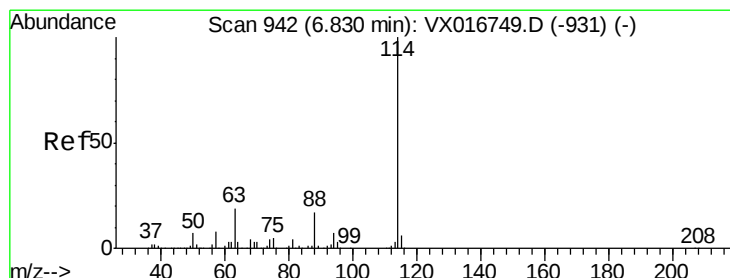
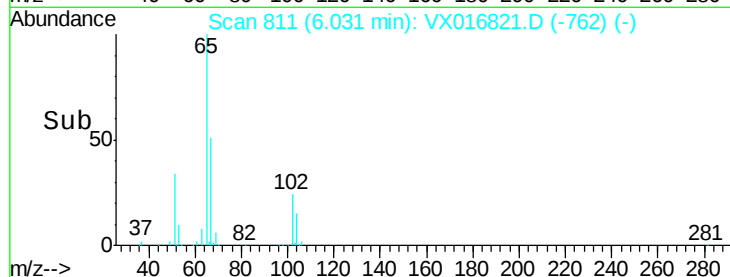
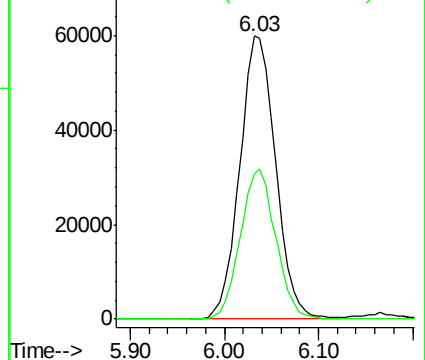
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

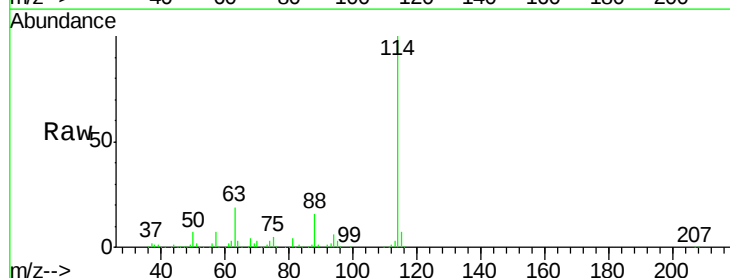
Tgt Ion: 114 Resp: 463575

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

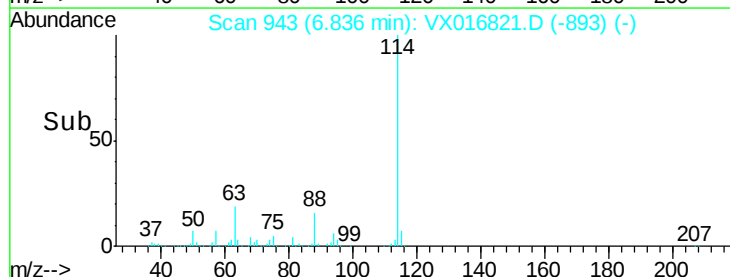
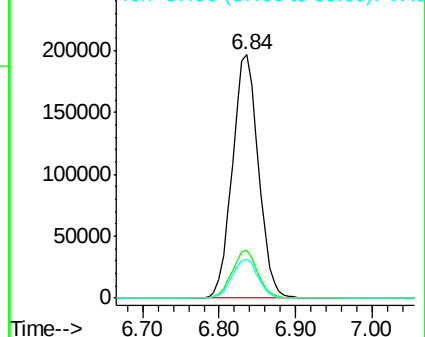
88 16.2 0.0 33.4

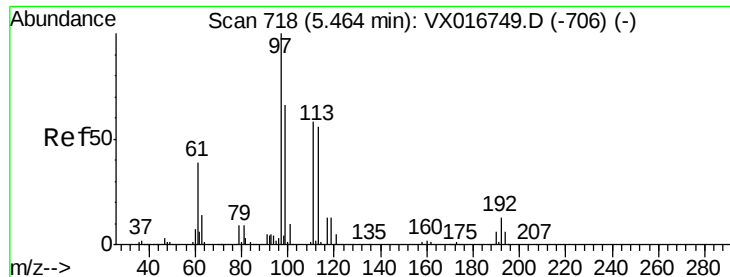


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.398 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

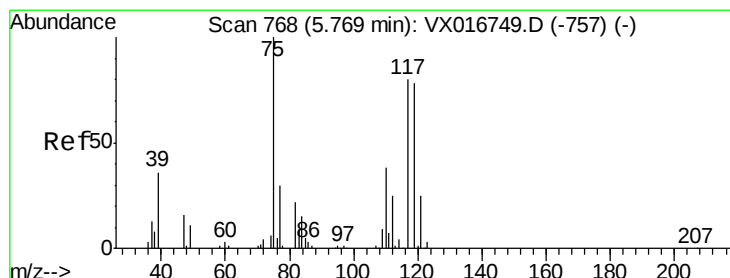
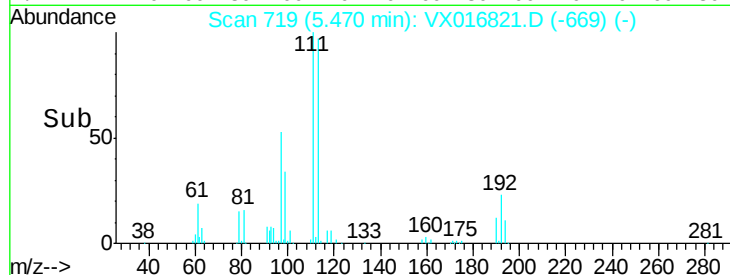
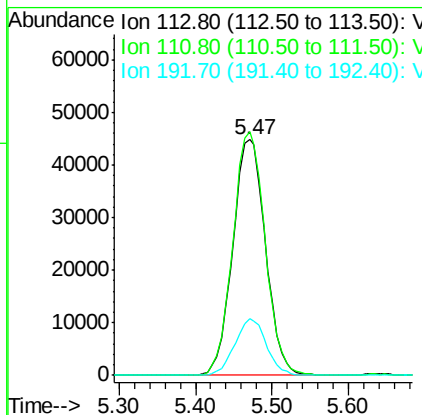
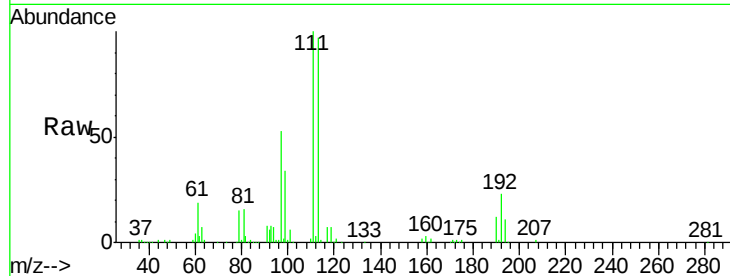
ClientSampleId :

VX0617WBS03

Tot Ion:	113	Resp:	132707
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.6
192	23.2	18.2	27.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 14.985 ug/l

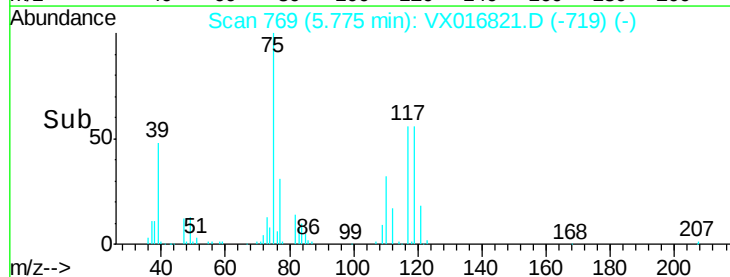
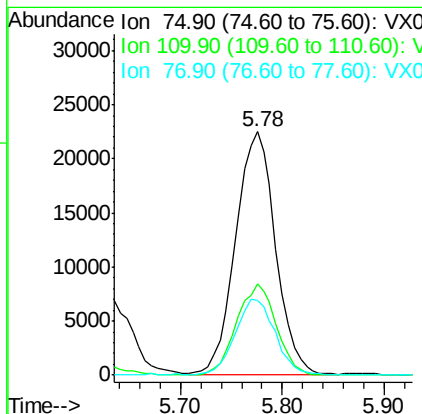
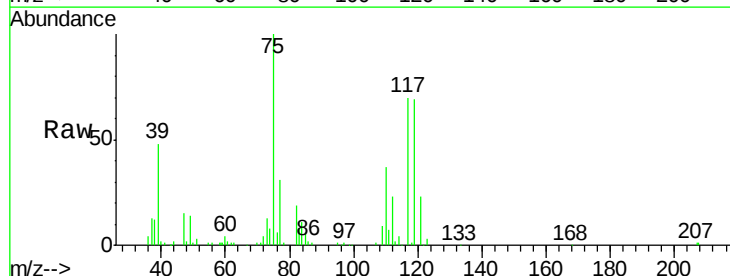
RT: 5.78 min Scan# 769

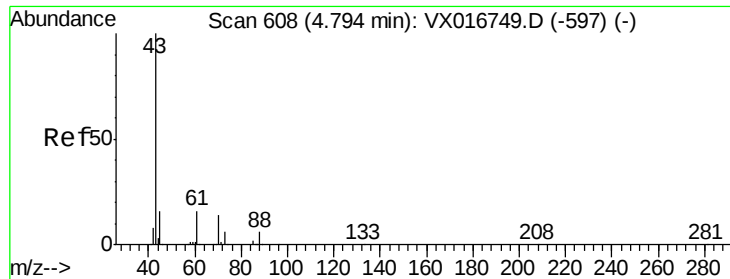
Delta R.T. 0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	75	Resp:	61390
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.4	55.2
77	31.1	24.7	37.1





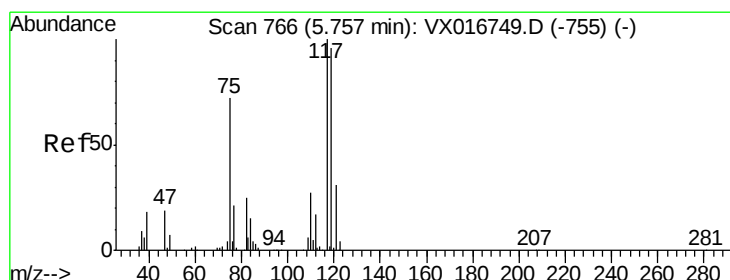
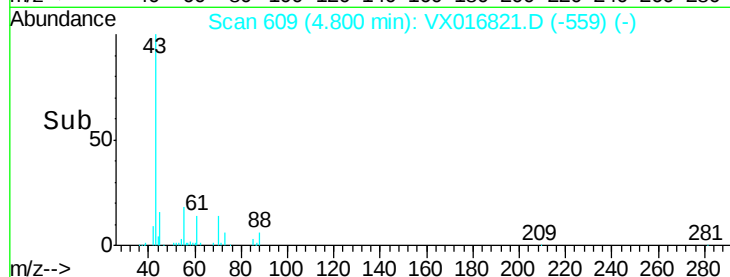
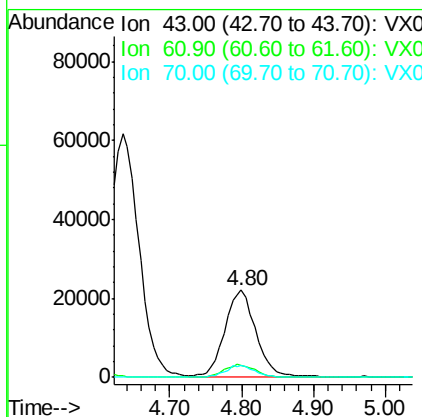
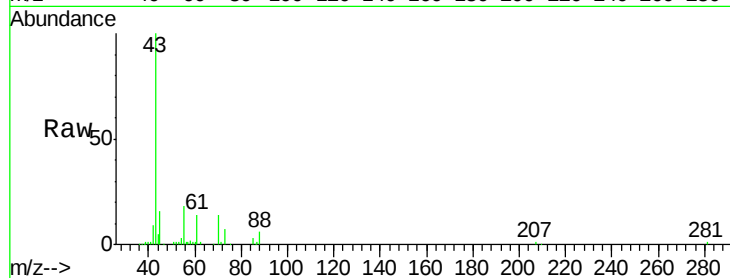
#37
Ethyl Acetate
Concen: 14.596 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	13.3	10.8	16.2

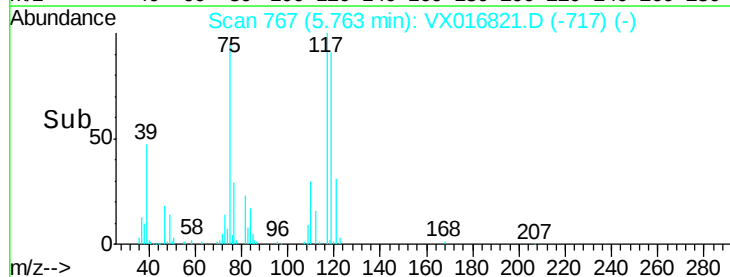
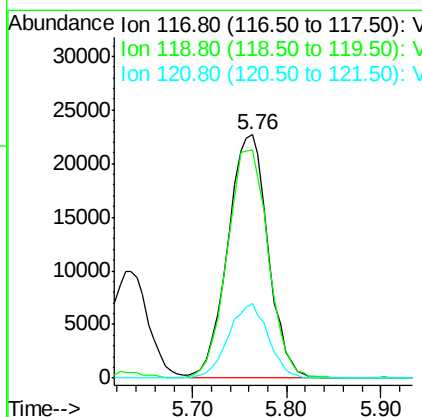
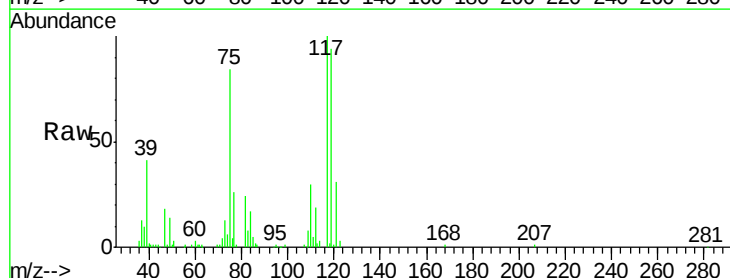
Manual Integrations
APPROVED

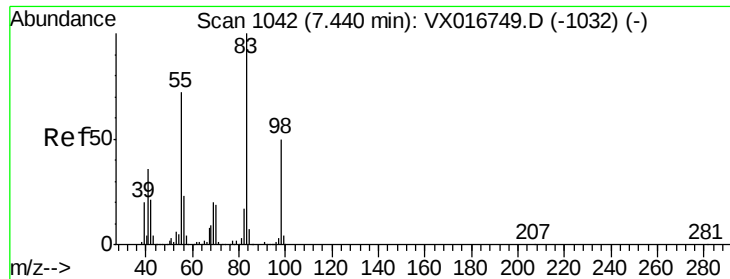
MMDadoda
6/18/2020 11:16:28 AM



#38
Carbon Tetrachloride
Concen: 14.535 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.7	115.1
121	30.9	24.7	37.1





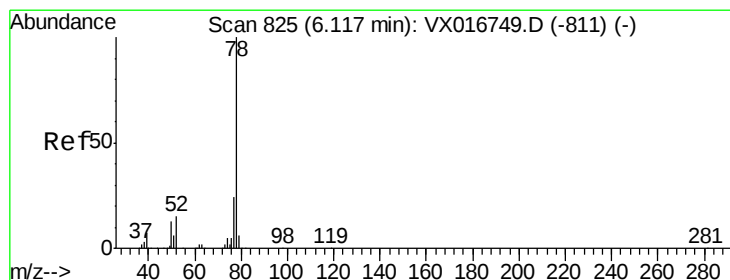
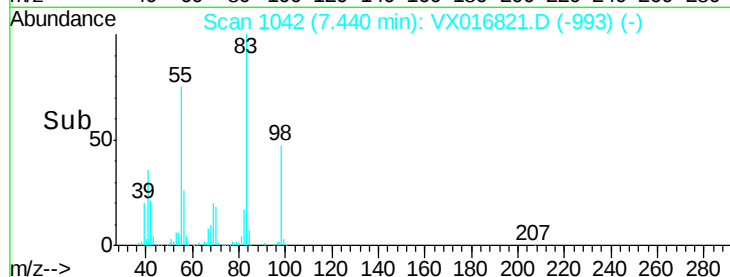
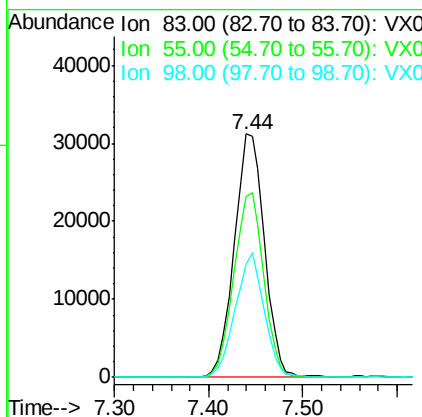
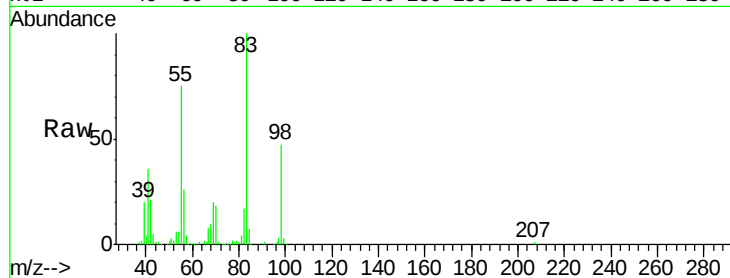
#39
Methylvlcyclohexane
Concen: 15.256 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.3	85.9
98	46.7	40.3	60.5

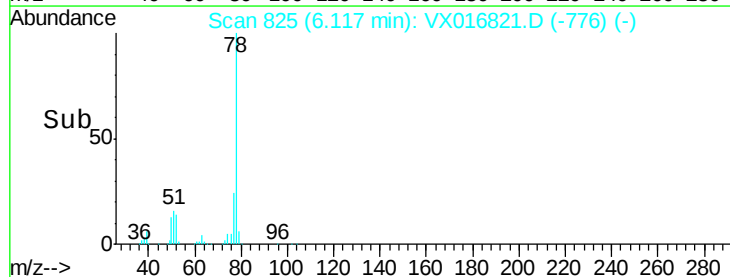
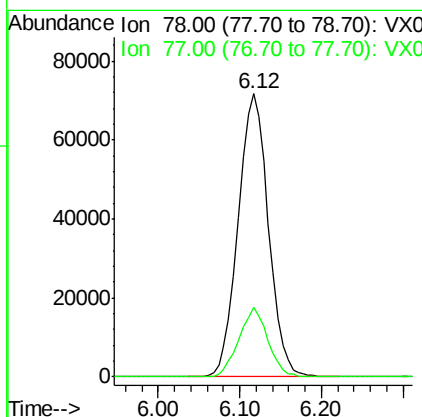
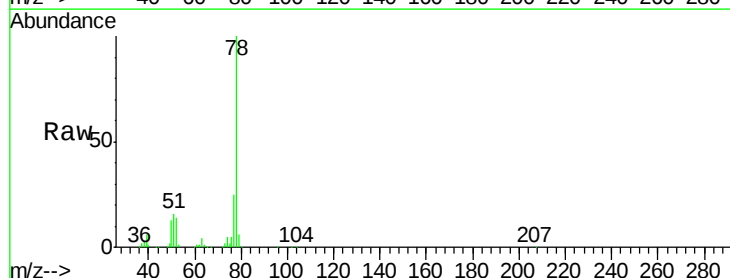
Manual Integrations
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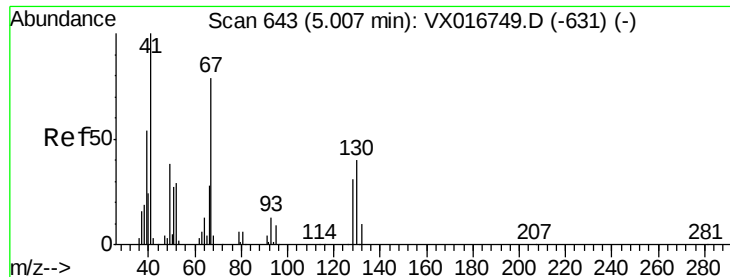
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#40
Benzene
Concen: 14.816 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





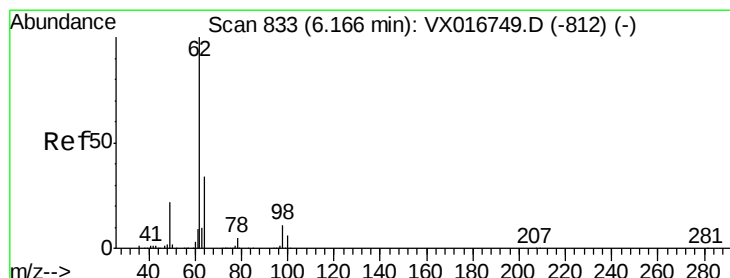
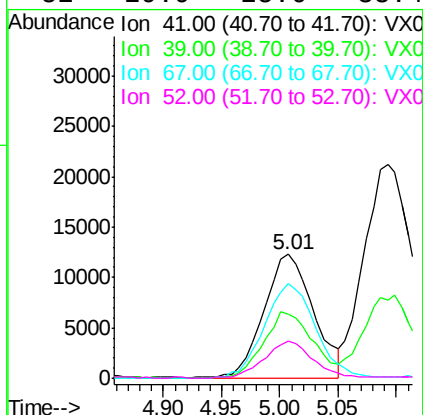
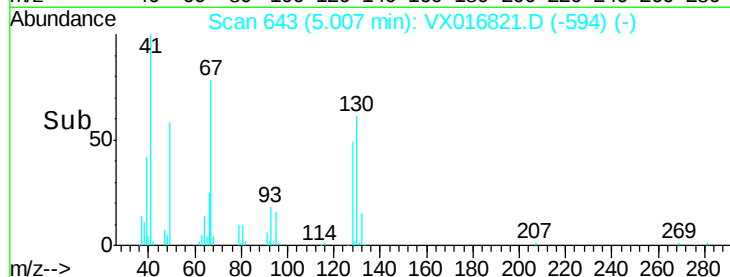
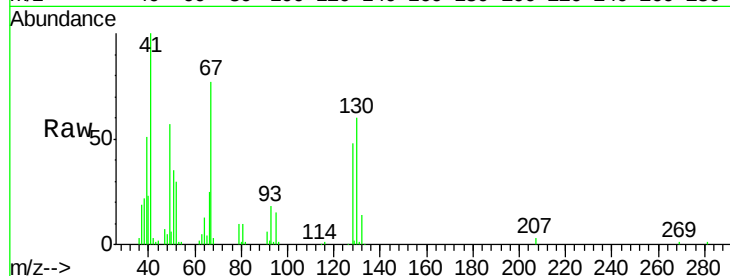
#41
Methacrylonitrile
Concen: 15.209 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.7	65.5	
67	79.1	64.6	96.8	
52	29.9	25.6	38.4	

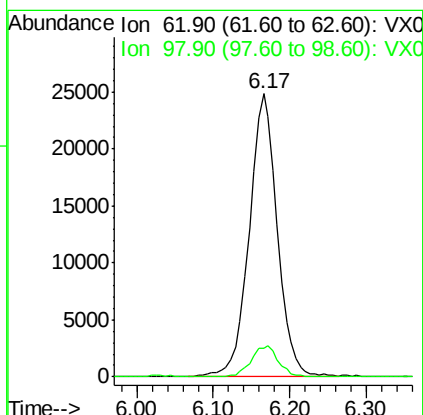
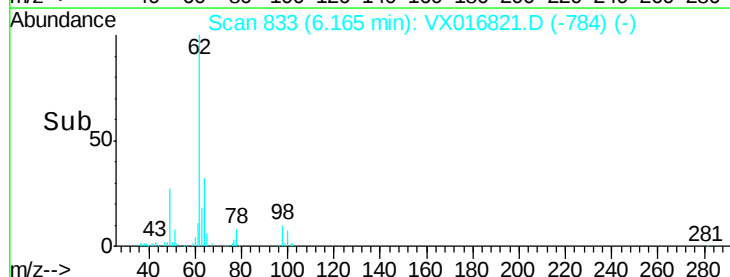
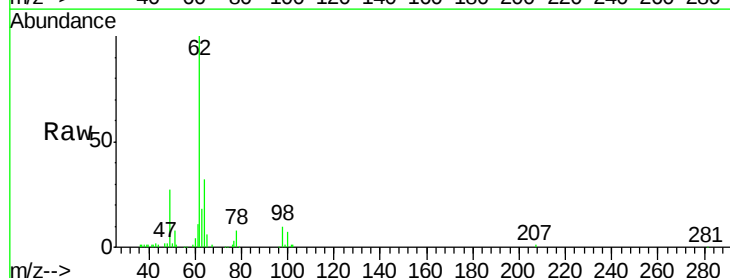
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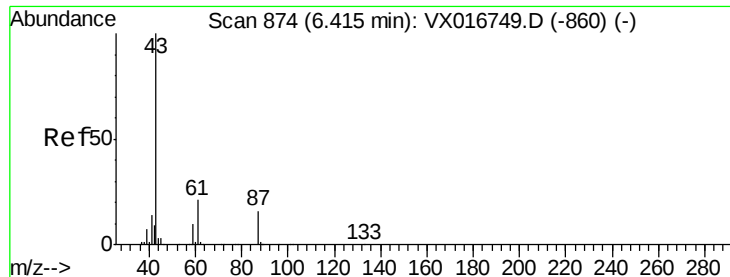
MMDadoda
6/18/2020 11:16:28 AM



#42
1,2-Dichloroethane
Concen: 13.983 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.2	





#43

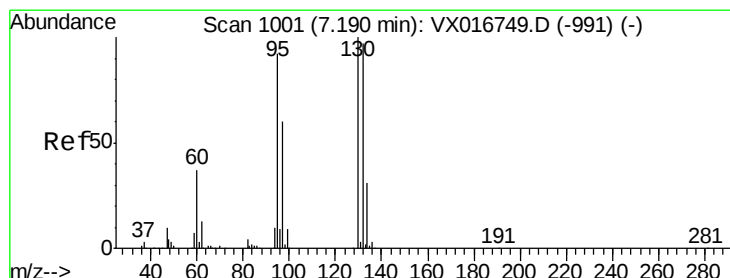
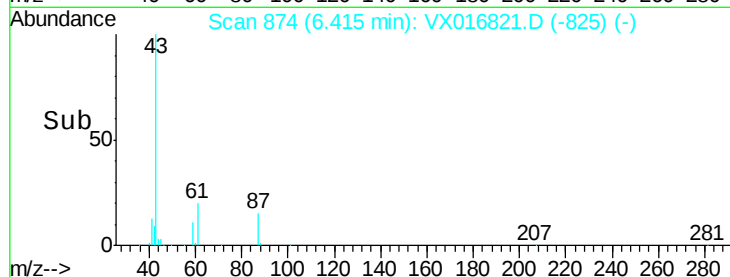
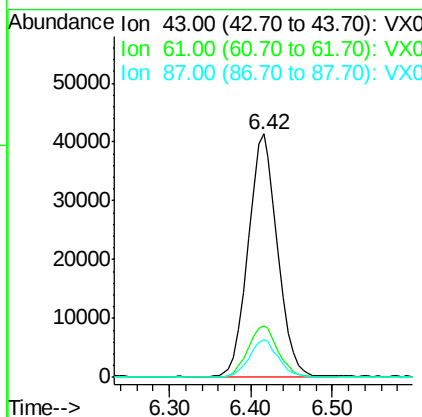
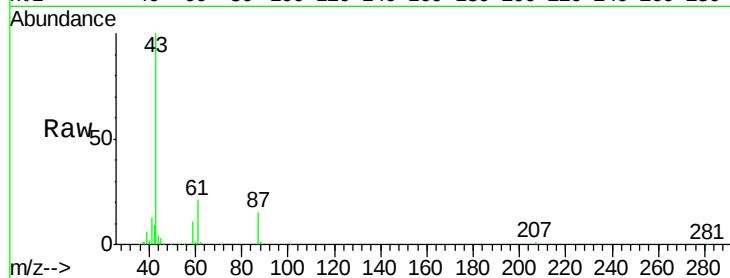
Isopropyl Acetate
 Concen: 14.658 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.7	26.5
87	15.5	12.5	18.7

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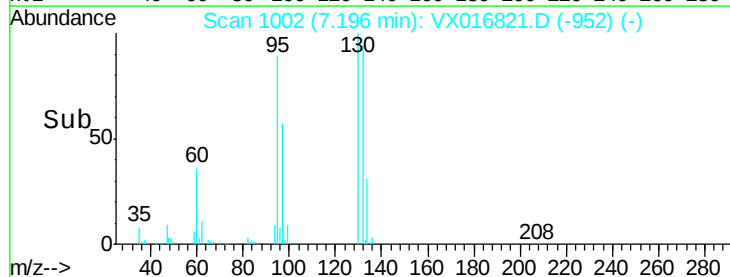
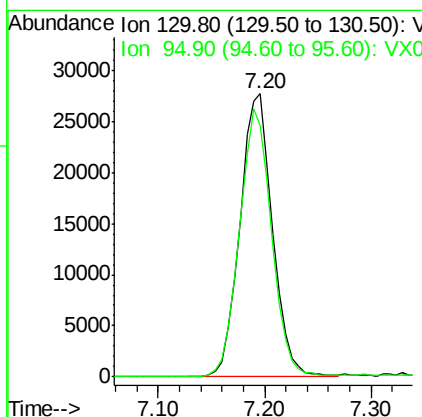
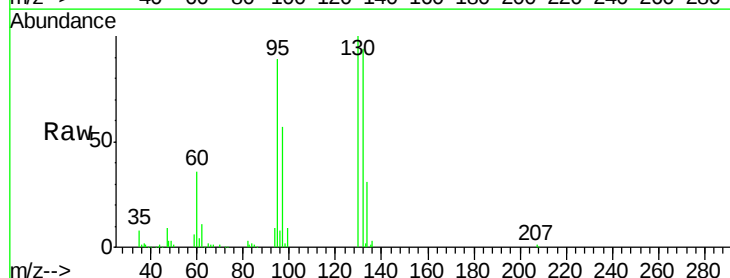
MMDadoda
 6/18/2020 11:16:28 AM

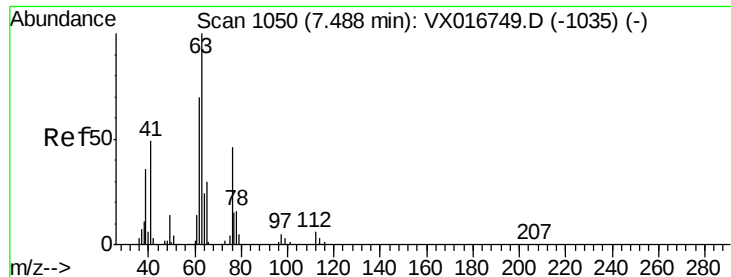


#44

Trichloroethene
 Concen: 15.420 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	183.6





#45

1,2-Dichloropropane

Concen: 14.993 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 63 Resp: 45842

Ion Ratio Lower Upper

63 100

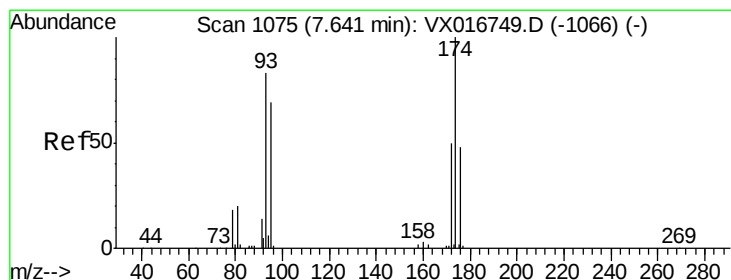
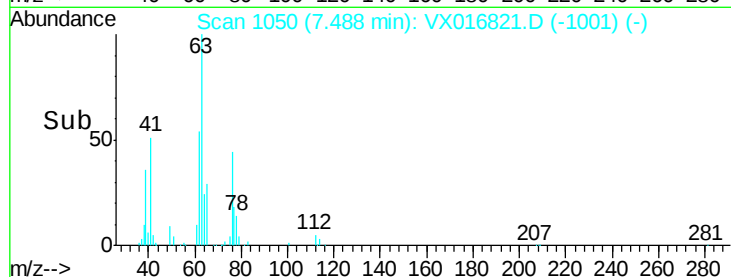
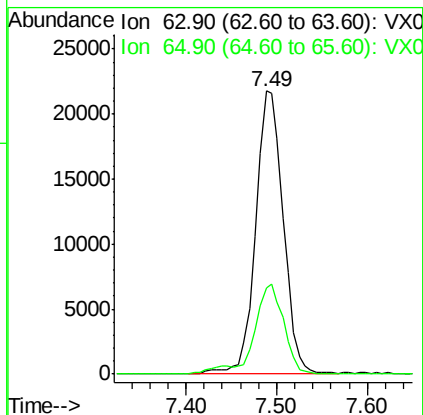
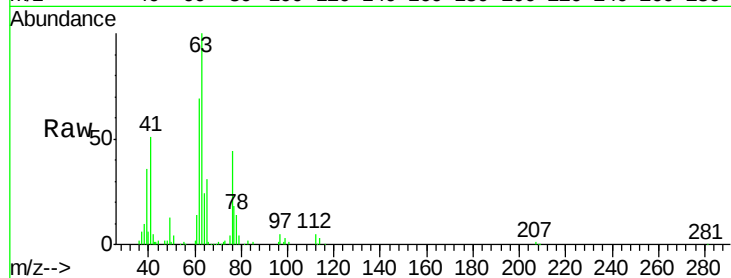
65 30.7 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 14.598 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

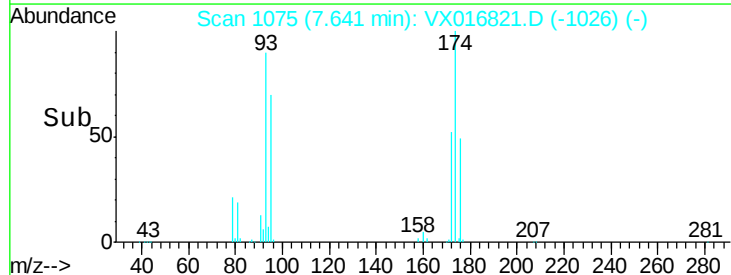
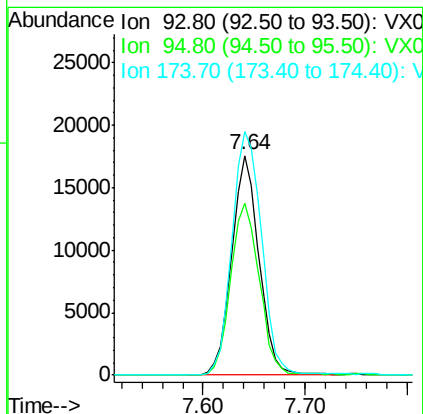
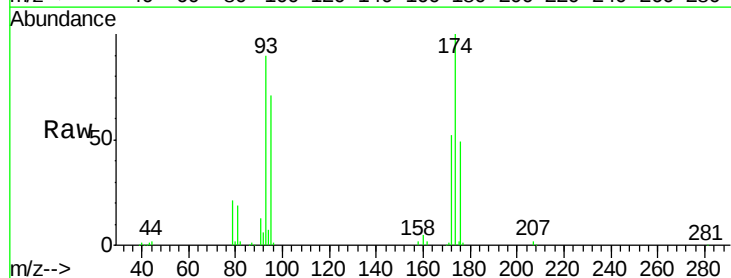
Tgt Ion: 93 Resp: 32533

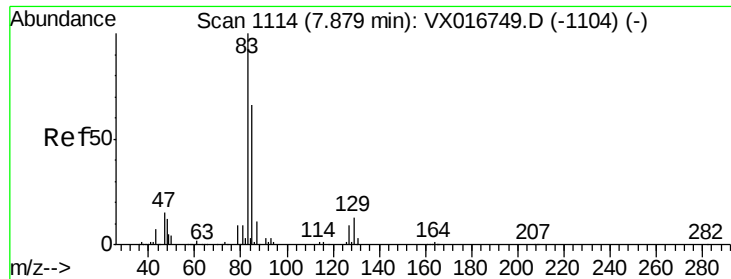
Ion Ratio Lower Upper

93 100

95 82.0 66.9 100.3

174 119.9 93.8 140.8





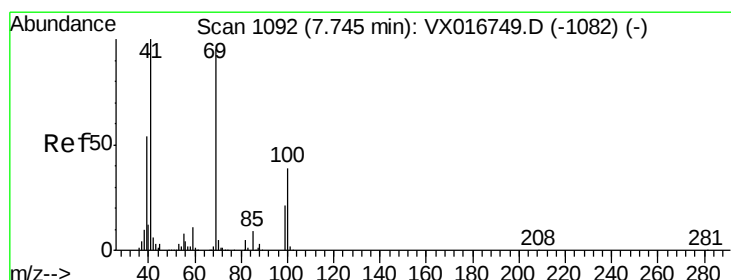
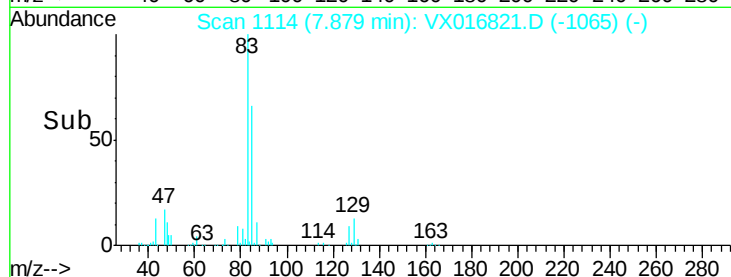
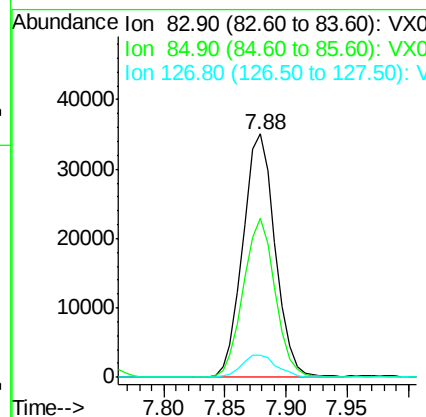
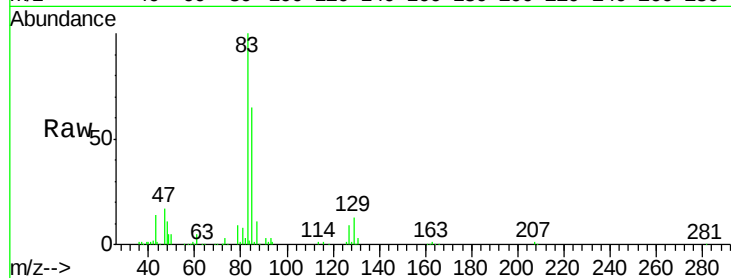
#47
Bromodichloromethane
Concen: 13.851 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.5	78.7
127	9.1	7.5	11.3

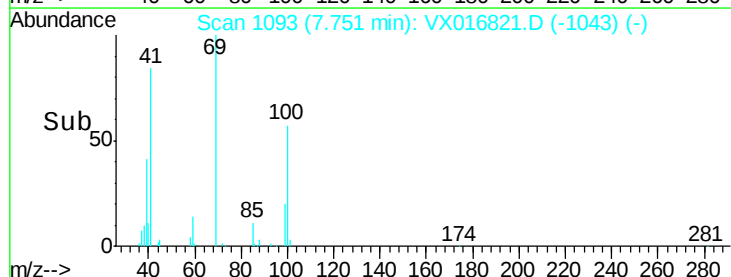
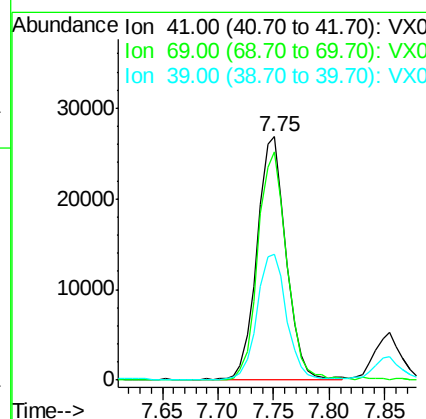
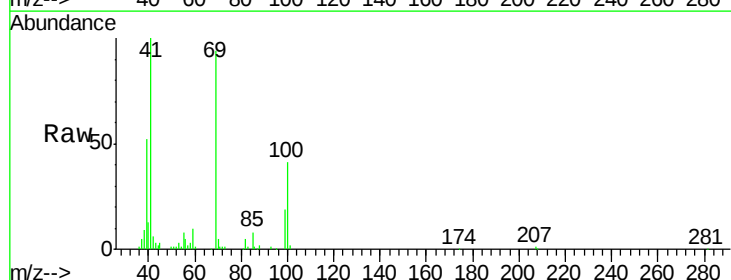
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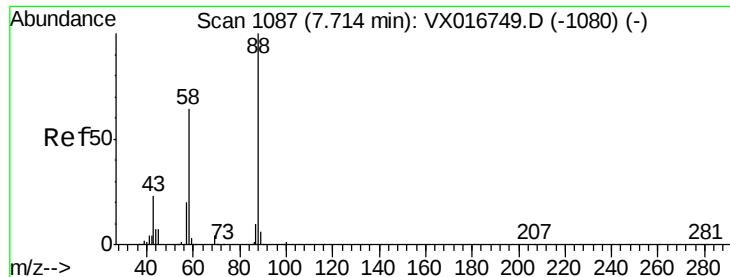
MMDadoda
6/18/2020 11:16:28 AM



#48
Methyl methacrylate
Concen: 14.826 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.4	75.0	112.6
39	52.3	44.3	66.5





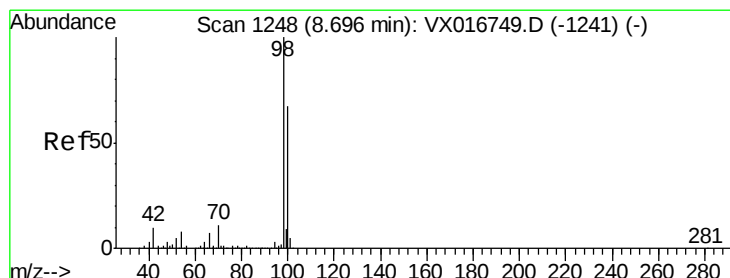
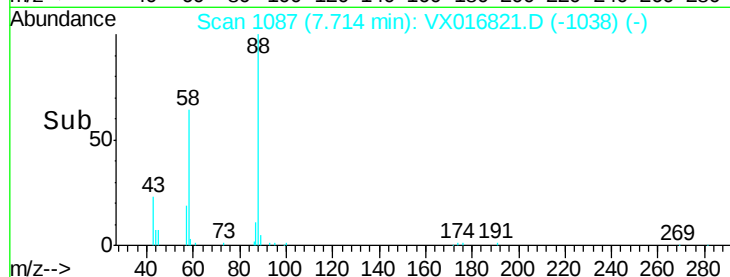
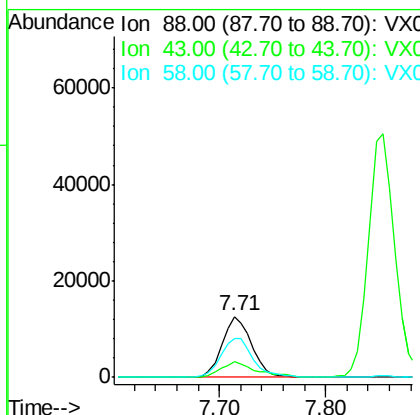
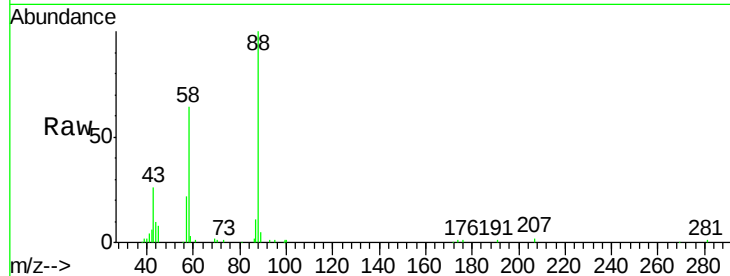
#49
1,4-Dioxane
Concen: 296.265 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.9	34.3
58	70.0	53.7	80.5

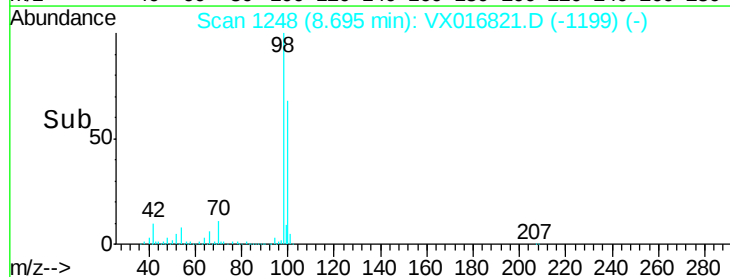
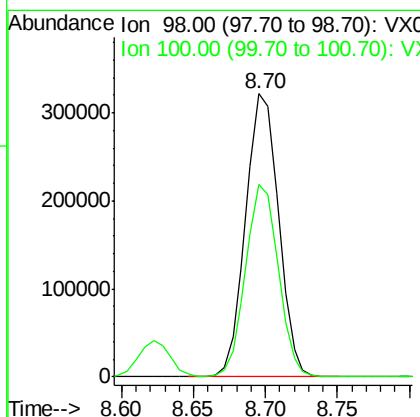
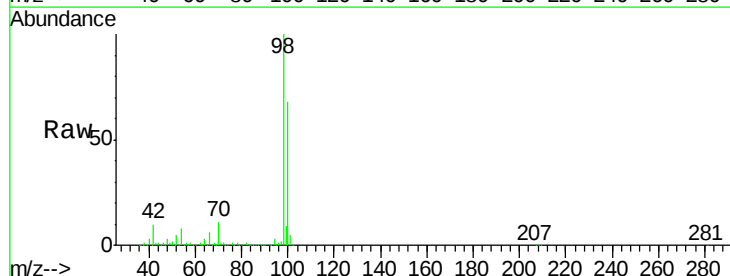
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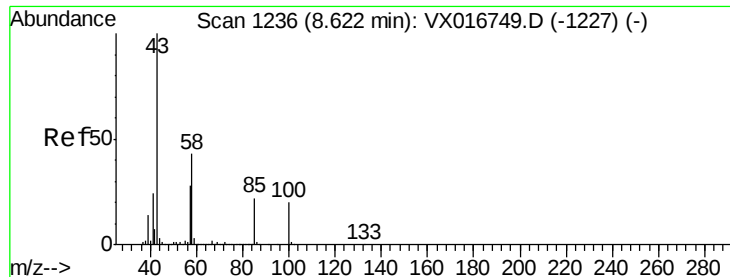
MMDadoda
6/18/2020 11:16:28 AM



#50
Toluene-d8
Concen: 48.520 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.9	80.9





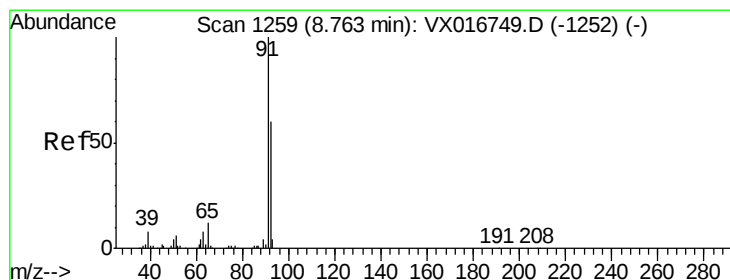
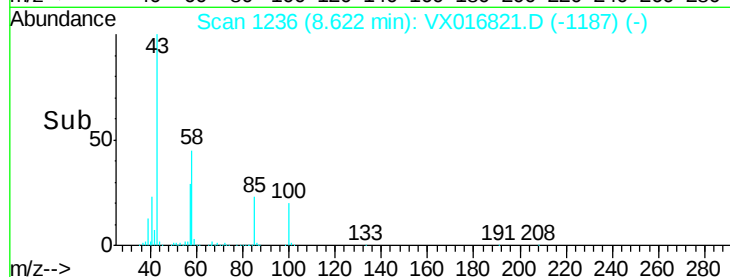
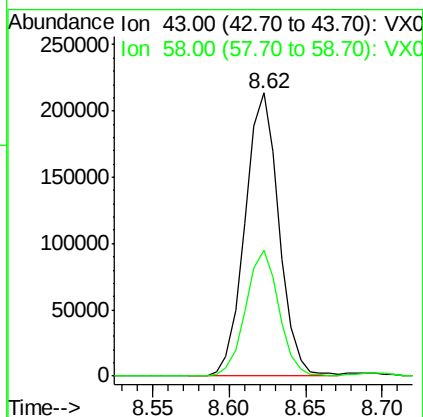
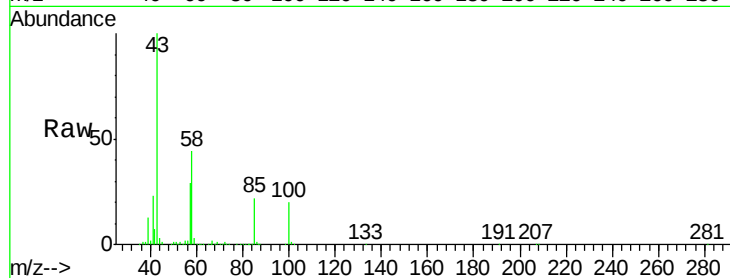
#51
4-Methyl-2-Pentanone
Concen: 76.032 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.5	34.6	52.0

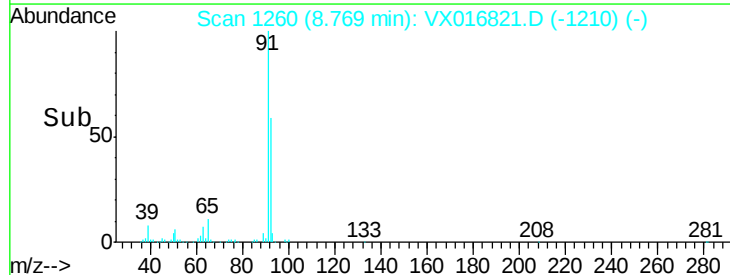
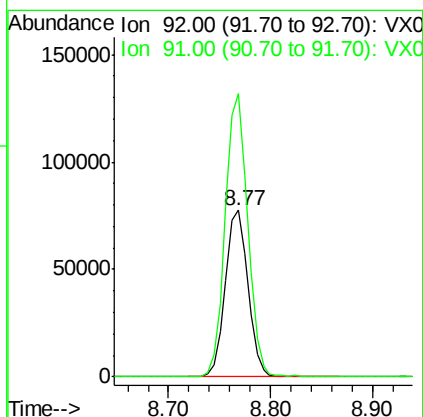
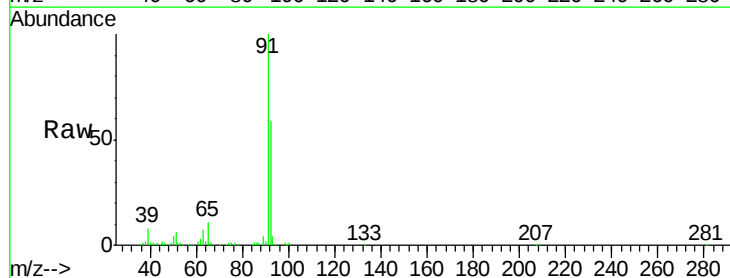
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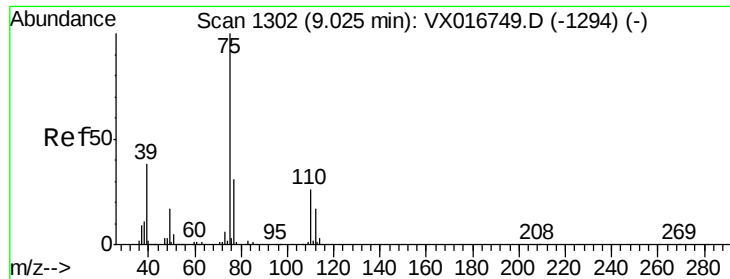
MMDadoda
6/18/2020 11:16:28 AM



#52
Toluene
Concen: 14.767 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.1	204.1





#53

t-1,3-Dichloropropene

Concen: 14.133 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 75 Resp: 74163

Ion Ratio Lower Upper

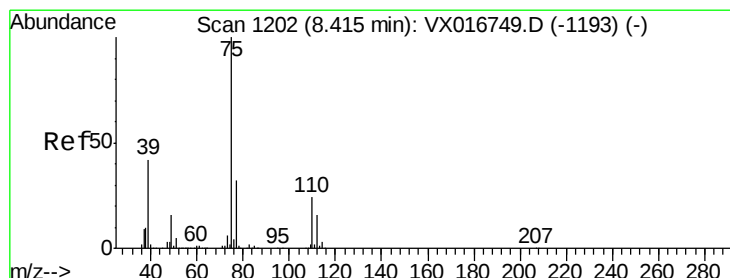
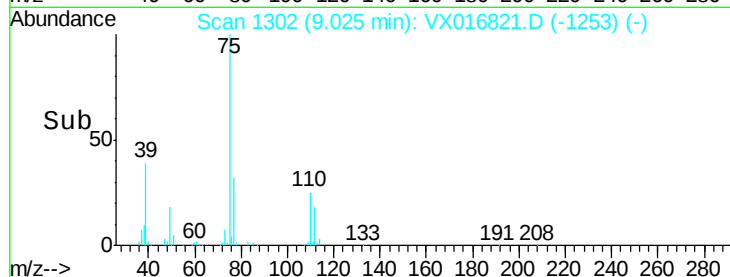
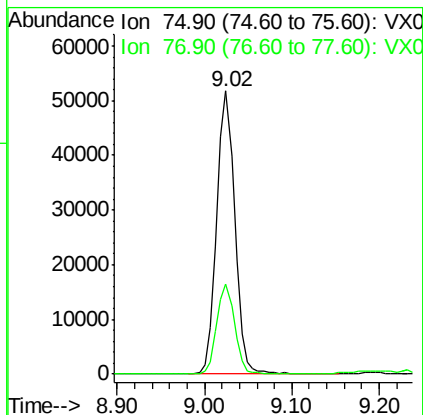
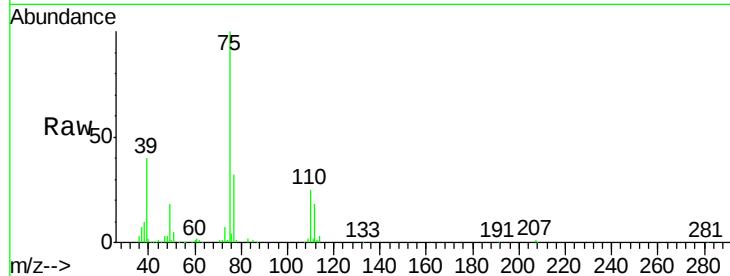
75 100

77 31.8 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 14.561 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

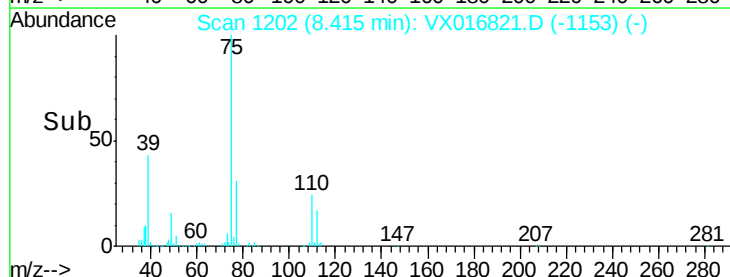
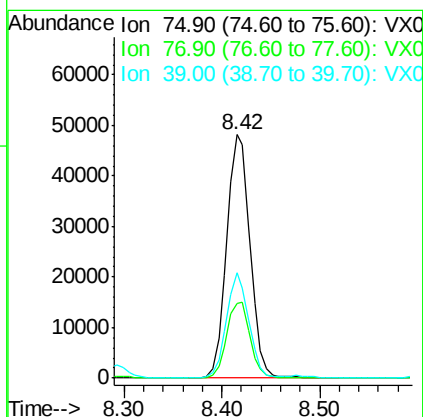
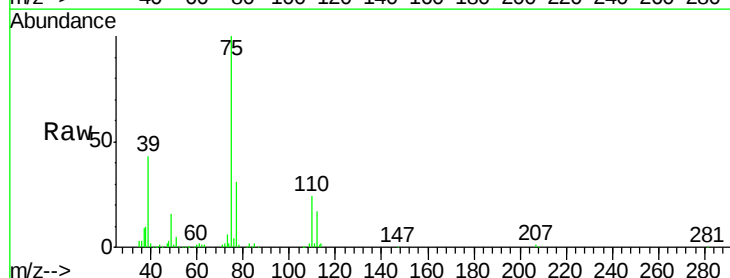
Tgt Ion: 75 Resp: 79702

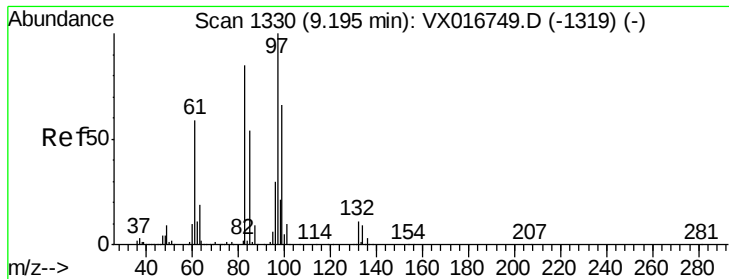
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 43.1 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 14.683 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

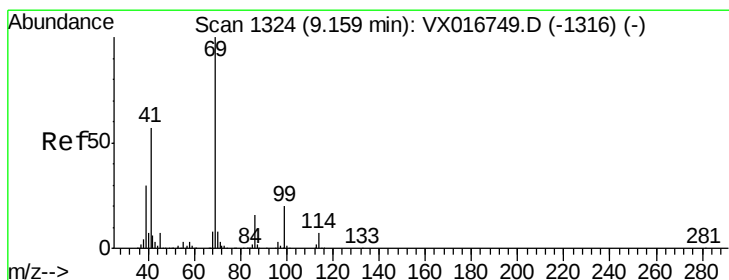
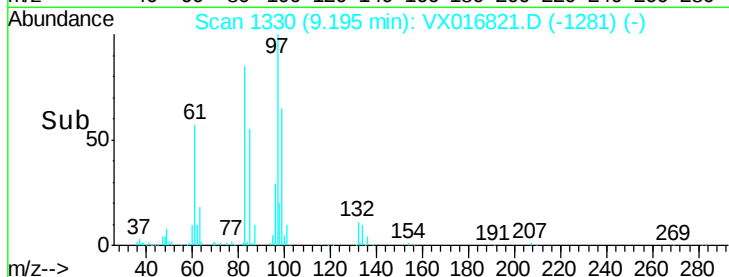
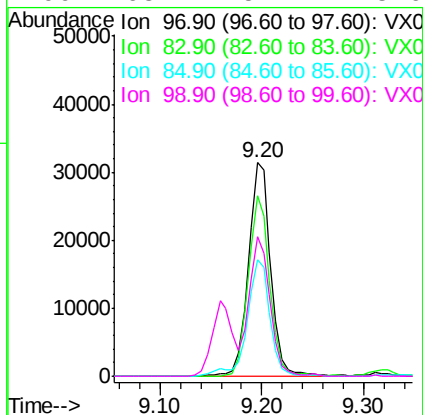
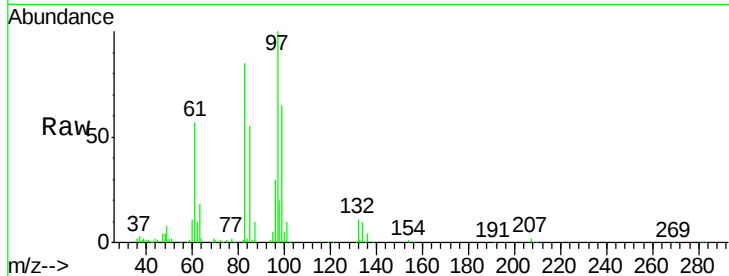
ClientSampleId :

VX0617WBS03

Tot Ion	97	Resp	47842
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.3	102.5
85	54.6	43.5	65.3
99	65.1	52.4	78.6

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6/18/2020 11:16:28 AM



#56

Ethyl methacrylate

Concen: 14.854 ug/l

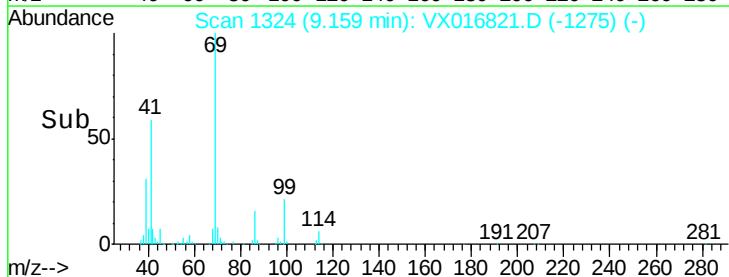
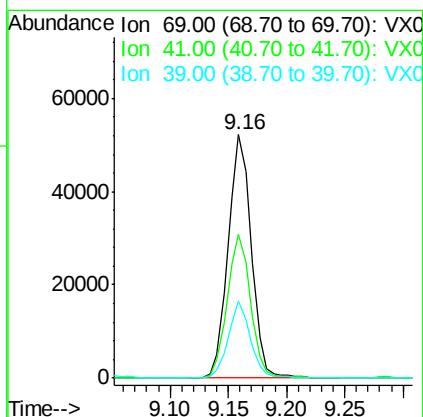
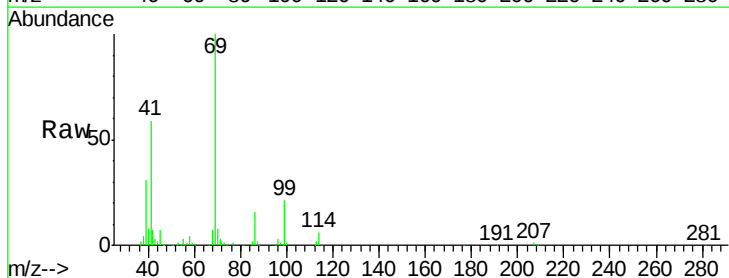
RT: 9.16 min Scan# 1324

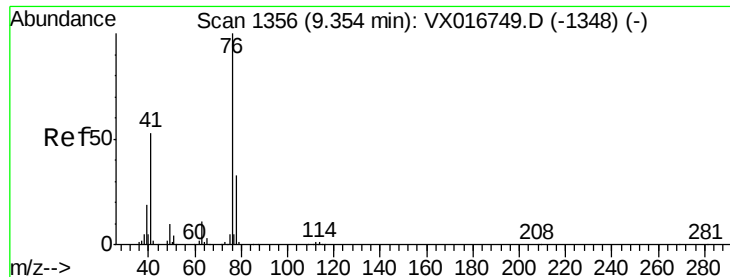
Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion	69	Resp	72464
Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	30.0	25.0	37.6





#57

1,3-Dichloropropane

Concen: 18.178 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 76 Resp: 99564

Ion Ratio Lower Upper

76 100

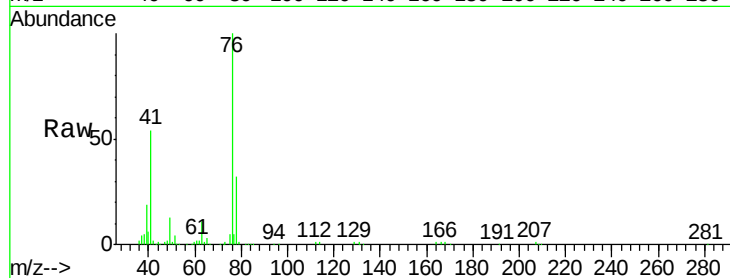
78 32.2 25.7 38.5

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

9.35

80000

60000

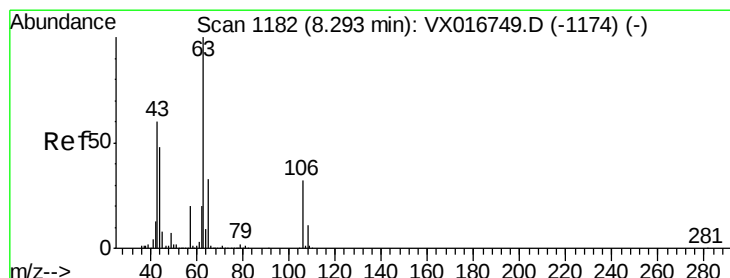
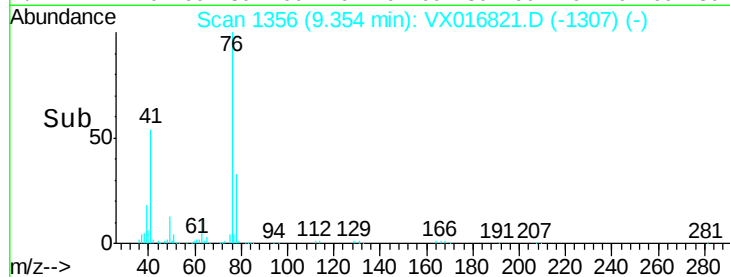
40000

20000

0

Time-->

9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 91.055 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016821.D

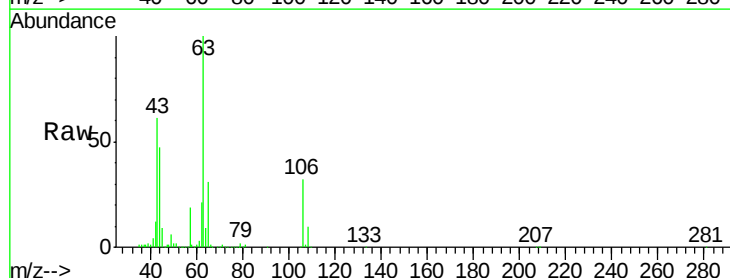
Acq: 17 Jun 2020 16:58

Tgt Ion: 63 Resp: 218411

Ion Ratio Lower Upper

63 100

106 31.3 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

150000

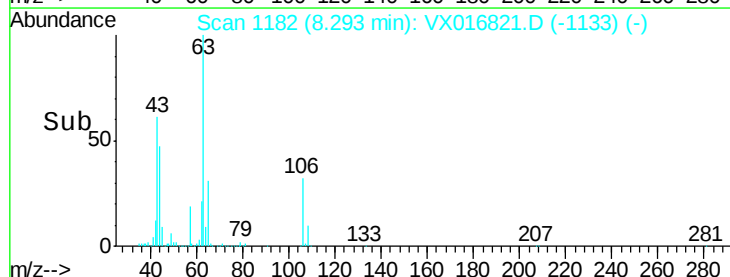
100000

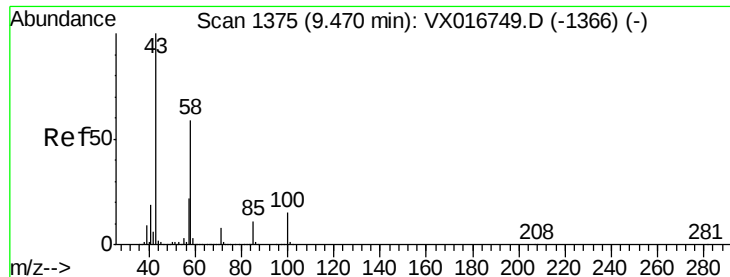
50000

0

Time-->

8.20 8.25 8.30 8.35





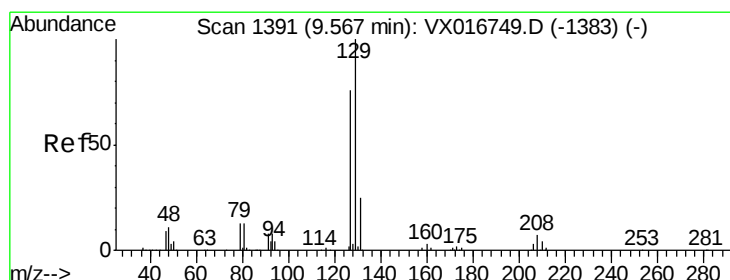
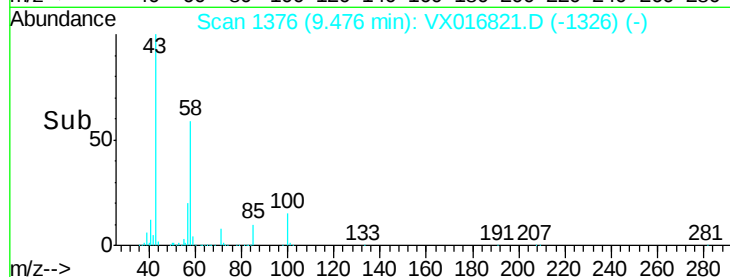
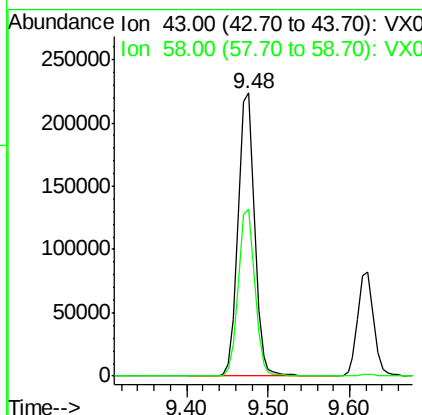
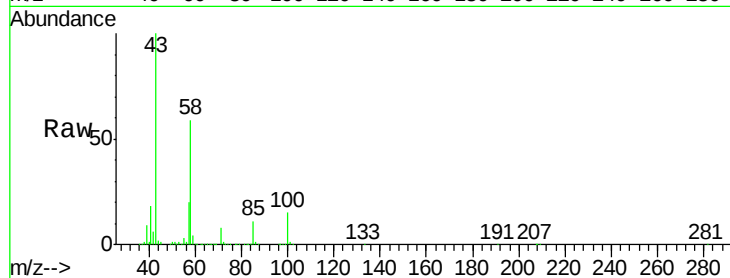
#59
2-Hexanone
Concen: 92.725 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion: 43 Resp: 310147
Ion Ratio Lower Upper
43 100
58 59.0 29.9 89.8

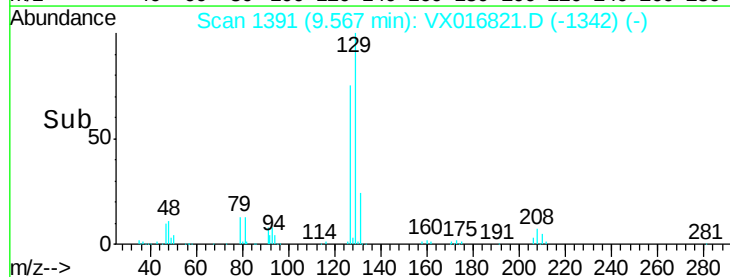
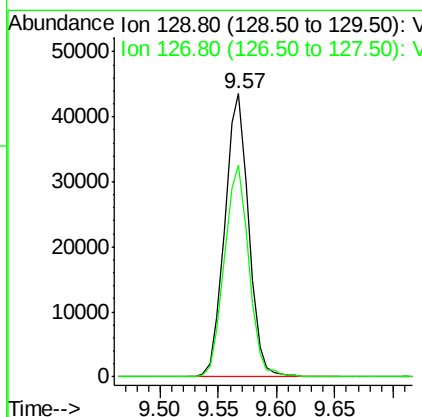
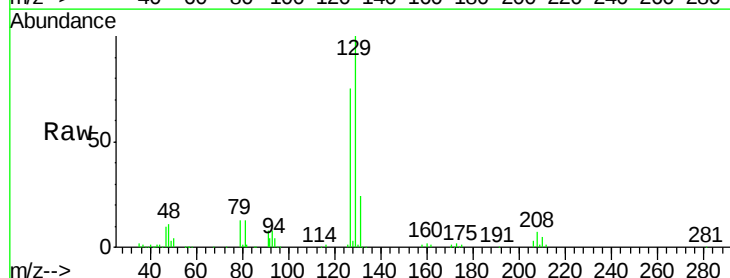
Manual Integrations
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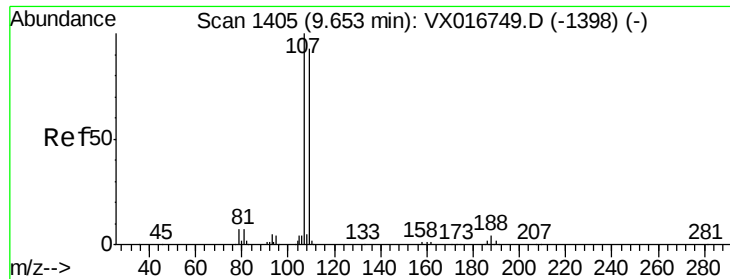
MMDadoda
6/18/2020 11:16:28 AM



#60
Dibromochloromethane
Concen: 16.131 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 129 Resp: 62117
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 16.644 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 107 Resp: 59103

Ion Ratio Lower Upper

107 100

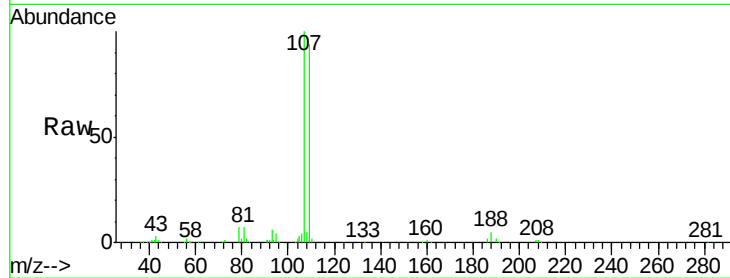
109 94.1 74.2 111.4

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

40000

30000

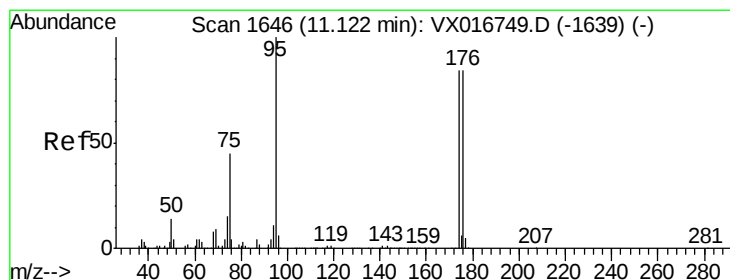
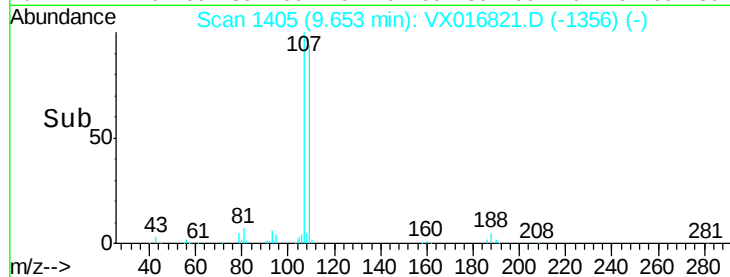
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.575 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

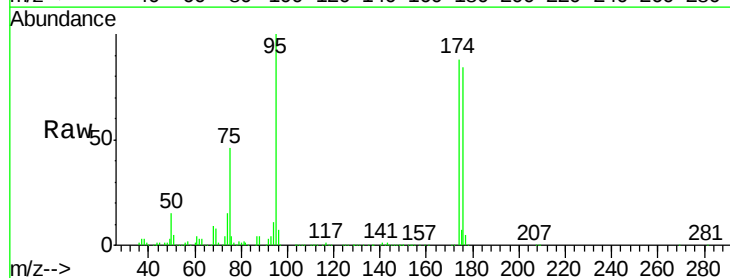
Tgt Ion: 95 Resp: 204016

Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.0

176 83.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

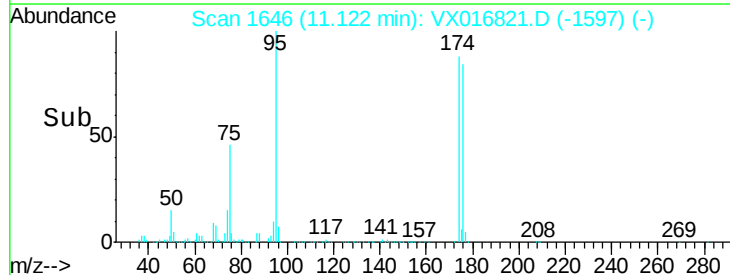
100000

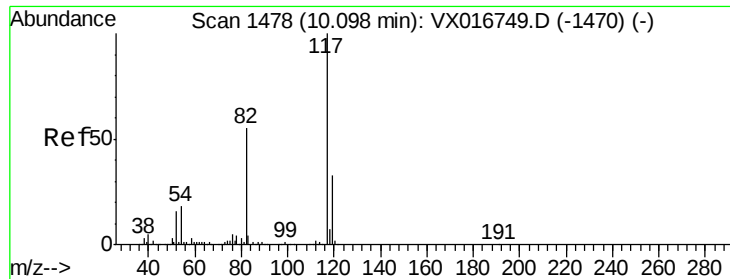
50000

0

Time-->

11.10 11.20





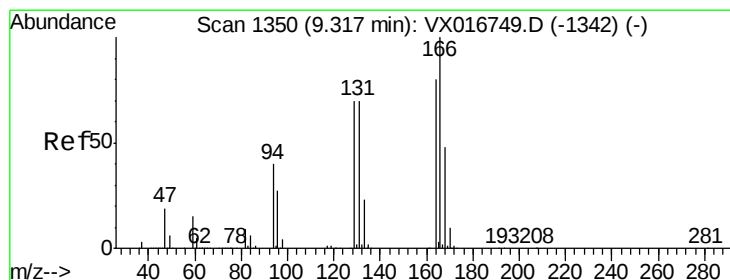
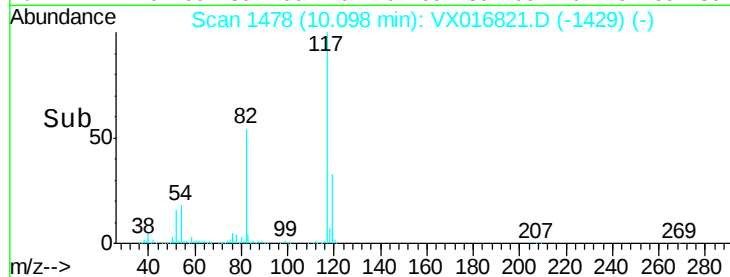
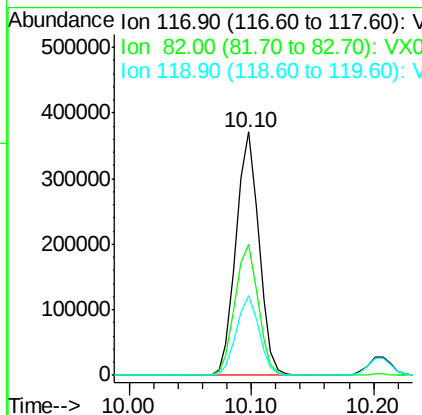
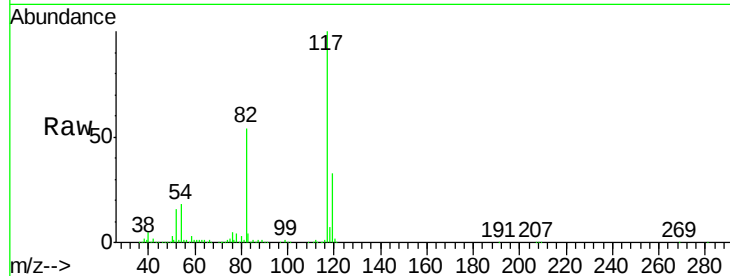
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.8	65.6
119	32.7	26.2	39.4

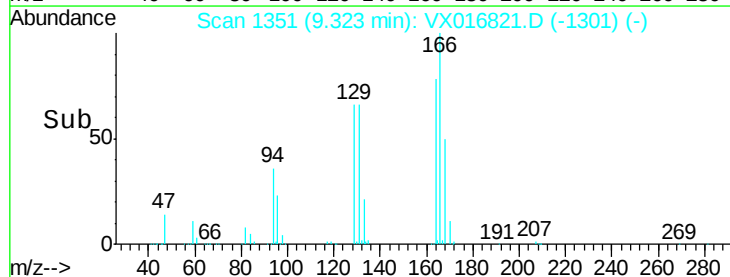
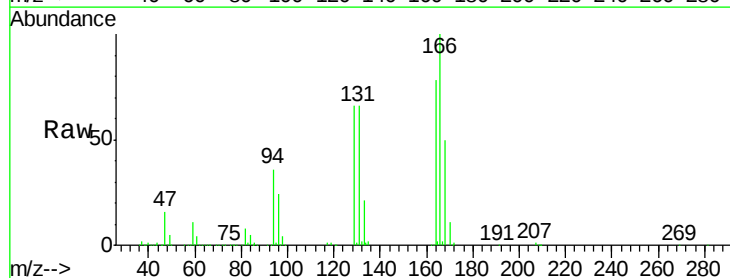
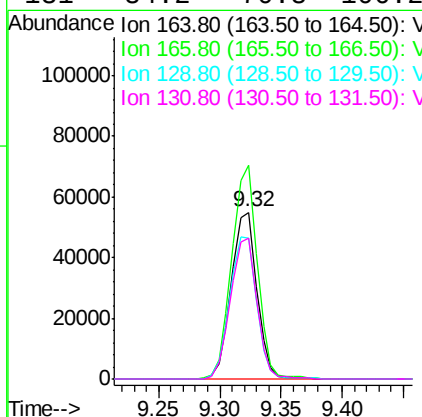
Manual Integrations
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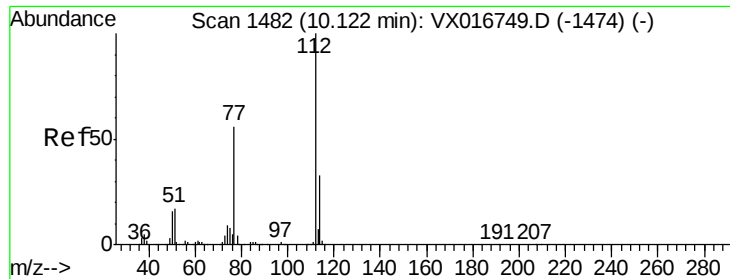
MMDadoda
6/18/2020 11:16:28 AM



#64
Tetrachloroethene
Concen: 17.454 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.6	150.8
129	84.7	70.1	105.1
131	84.2	70.8	106.2





#65

Chlorobenzene

Concen: 14.943 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion:112 Resp: 145336

Ion Ratio Lower Upper

112 100

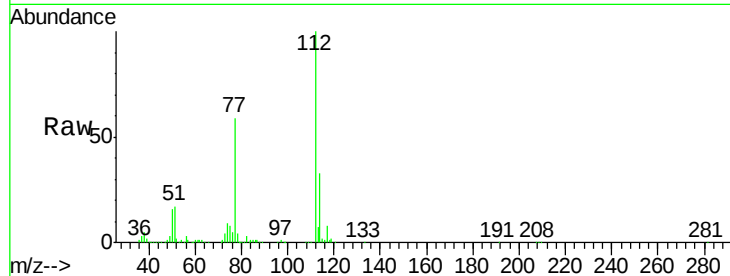
114 32.7 26.2 39.4

Manual Integrations

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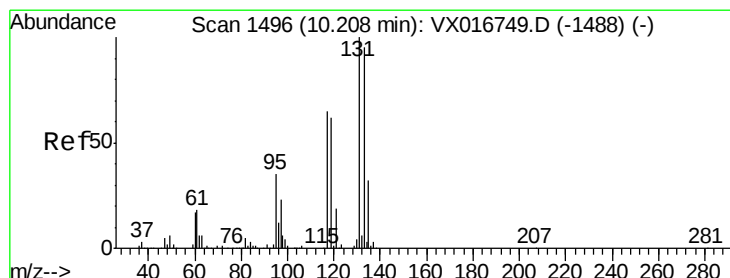
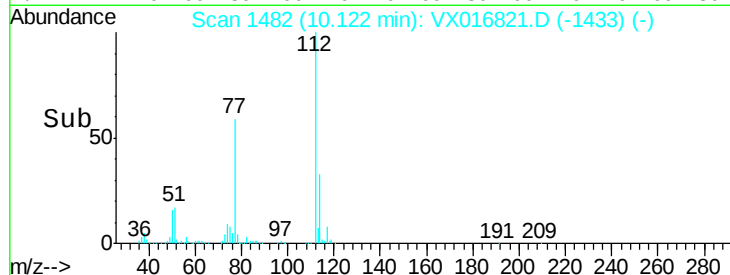
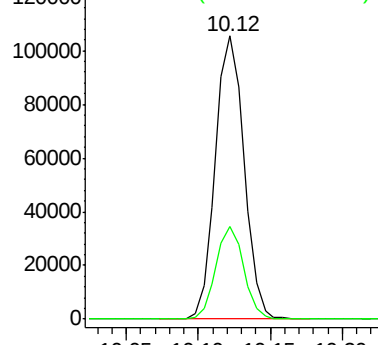
MMDadoda

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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: 14.795 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

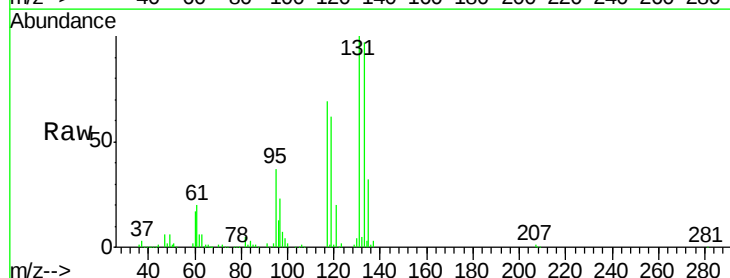
Tgt Ion:131 Resp: 57403

Ion Ratio Lower Upper

131 100

133 98.5 46.8 140.3

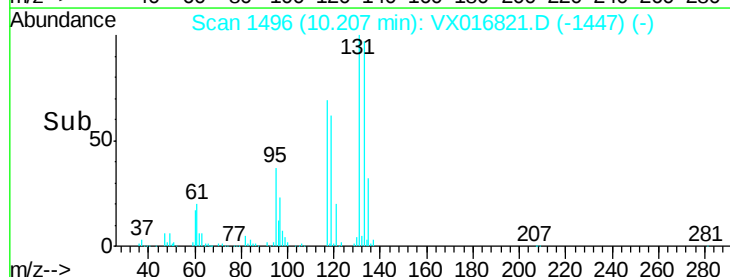
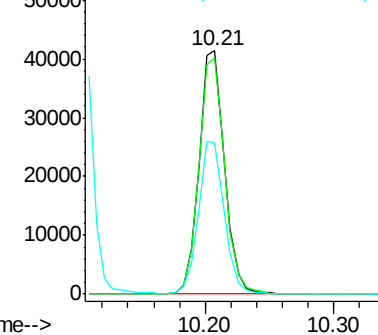
119 64.0 31.4 94.0

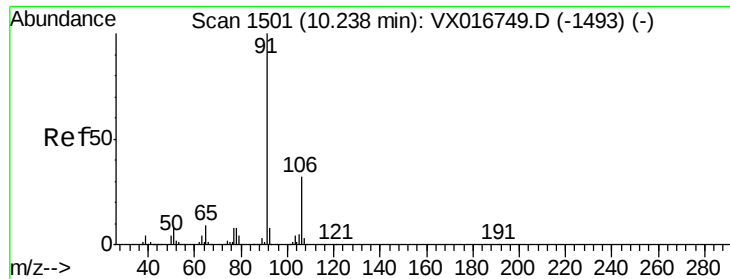


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





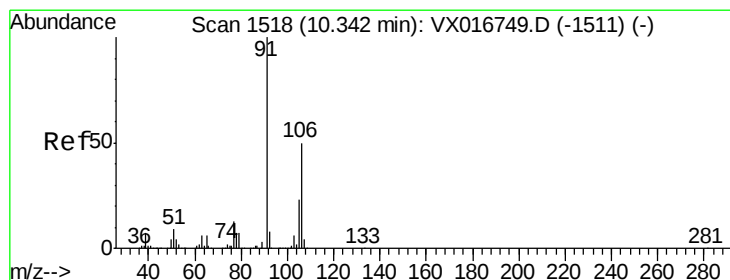
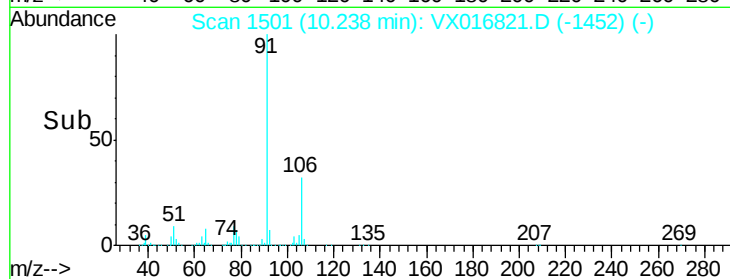
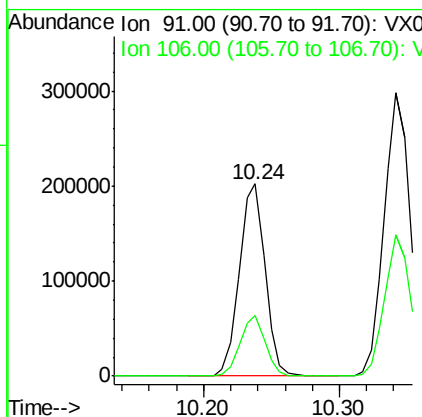
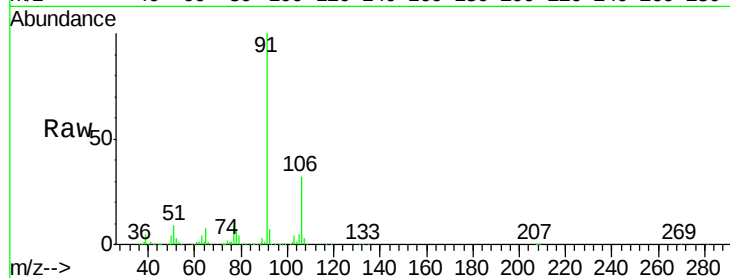
#67
Ethyl Benzene
Concen: 16.252 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampled :
VX0617WBS03

Tot Ion: 91 Resp: 267205
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

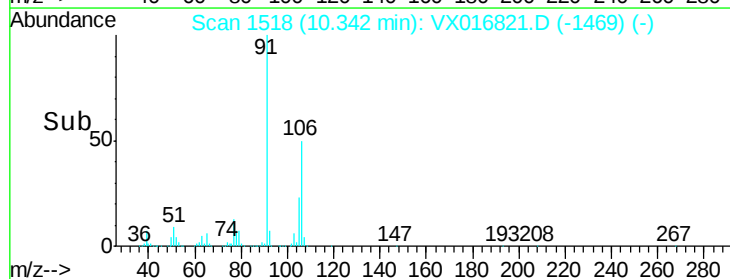
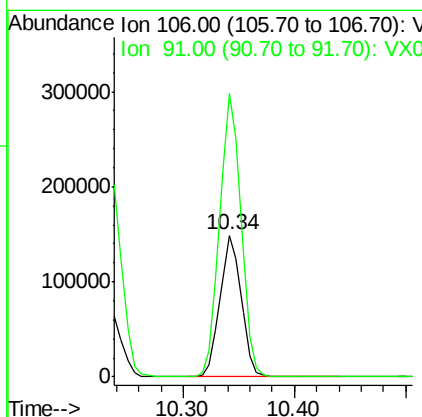
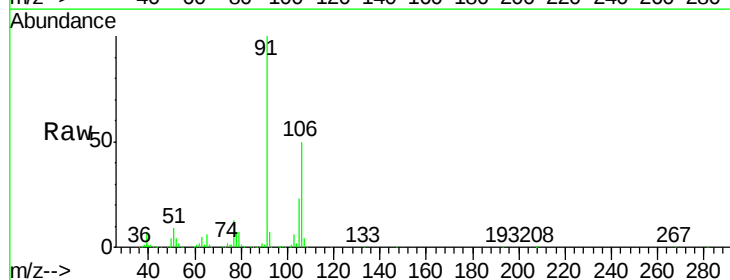
Manual Integrations
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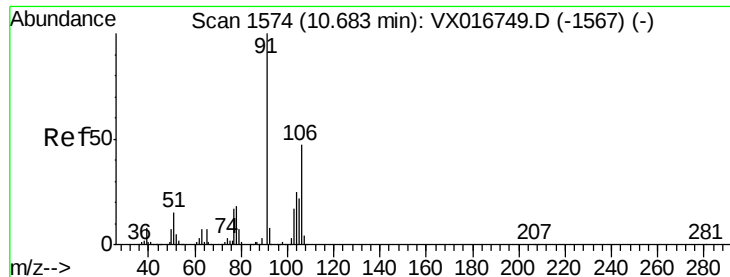
MMDadoda
6/18/2020 11:16:28 AM



#68
m/p-Xylenes
Concen: 31.657 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 106 Resp: 197350
Ion Ratio Lower Upper
106 100
91 202.1 161.2 241.8





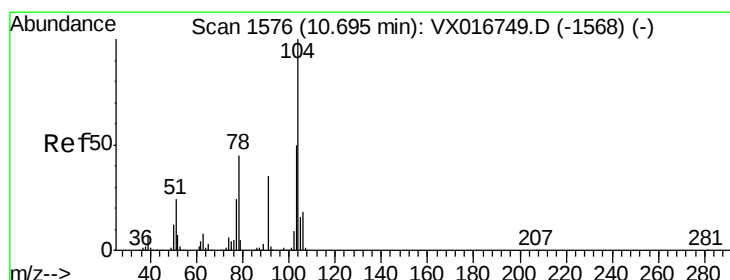
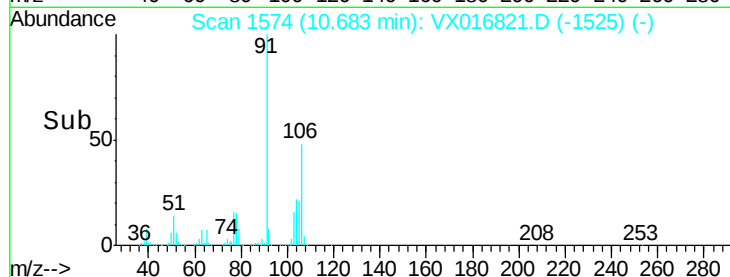
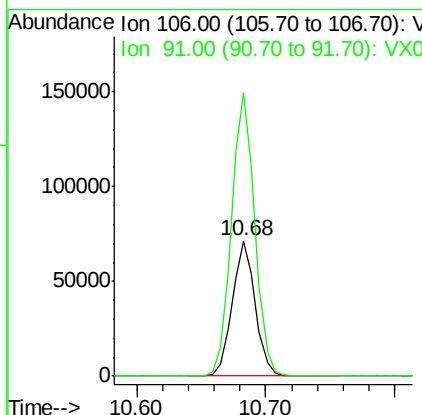
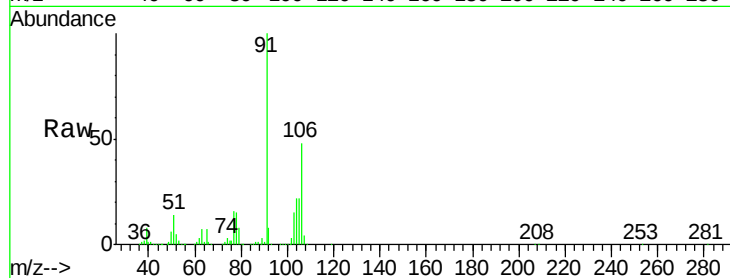
#69
o-Xylene
Concen: 14.683 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.6	106.9	320.8	

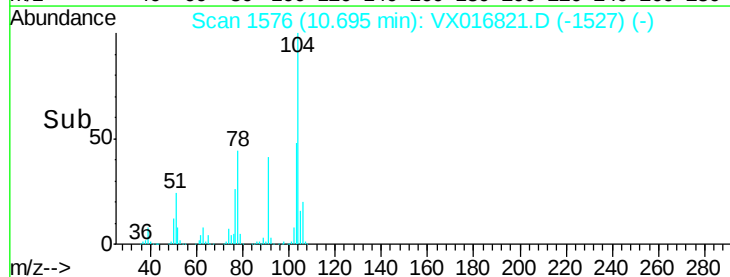
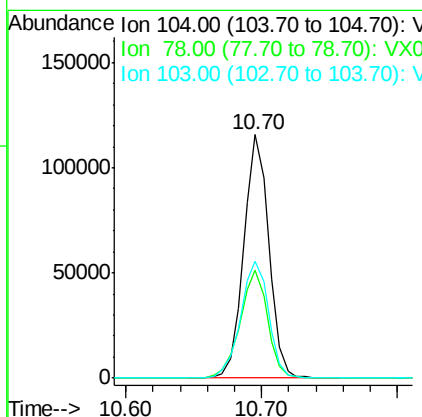
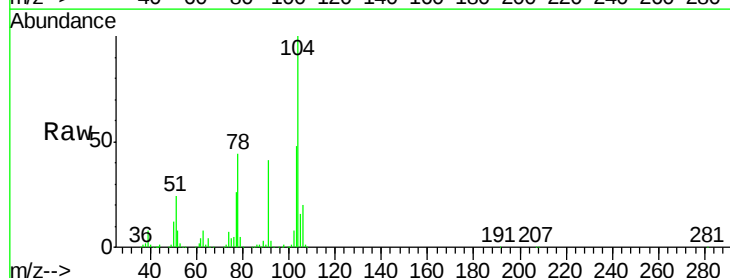
Manual Integrations
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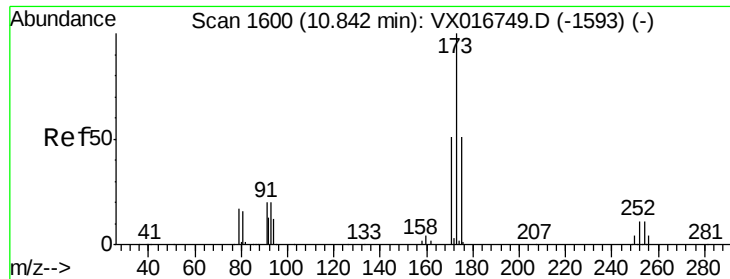
MMDadoda
6/18/2020 11:16:28 AM



#70
Styrene
Concen: 14.369 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.4	39.8	59.8	
103	53.6	43.4	65.2	





#71

Bromoform

Concen: 13.676 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion:173 Resp: 45274

Ion Ratio Lower Upper

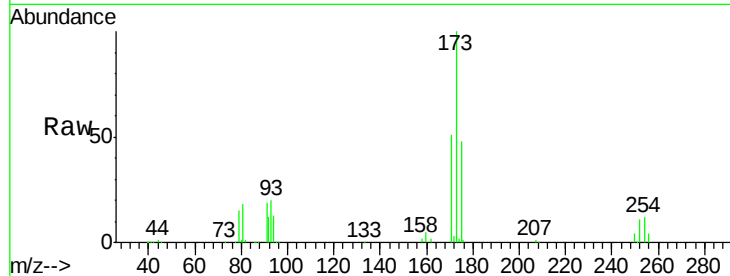
173 100

175 48.5 25.1 75.4

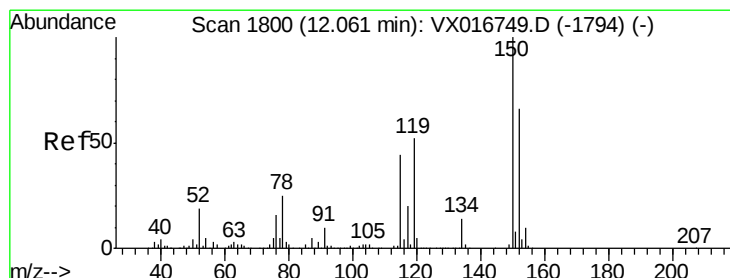
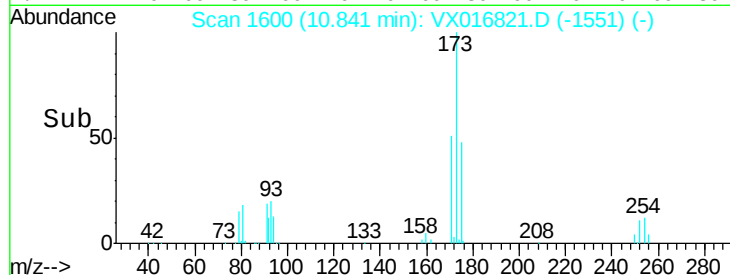
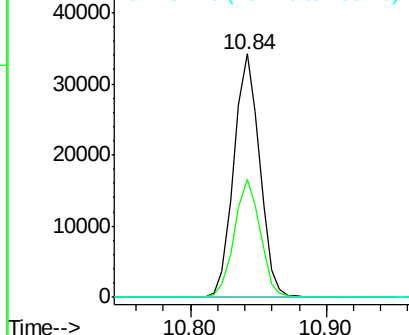
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

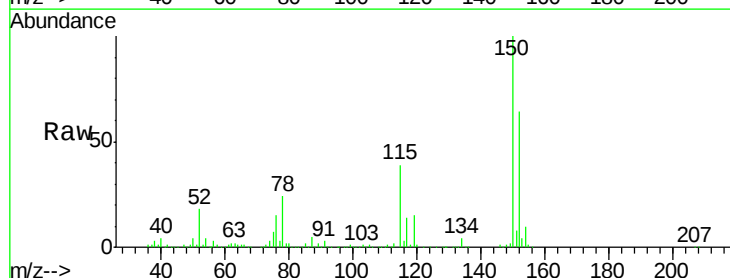
Tgt Ion:152 Resp: 221353

Ion Ratio Lower Upper

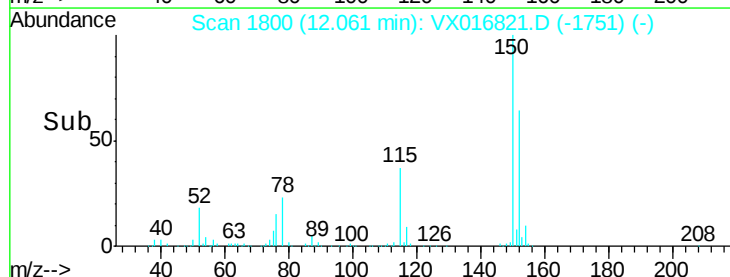
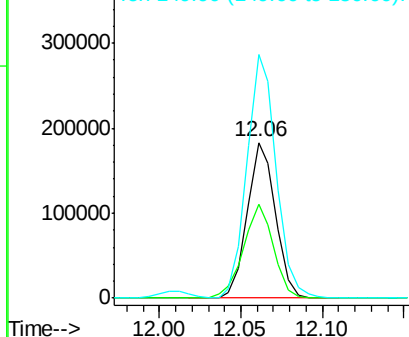
152 100

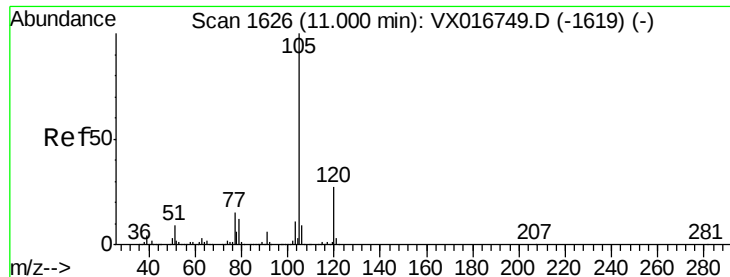
115 63.9 40.3 120.8

150 162.1 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: 15.889 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion: 105 Resp: 230782

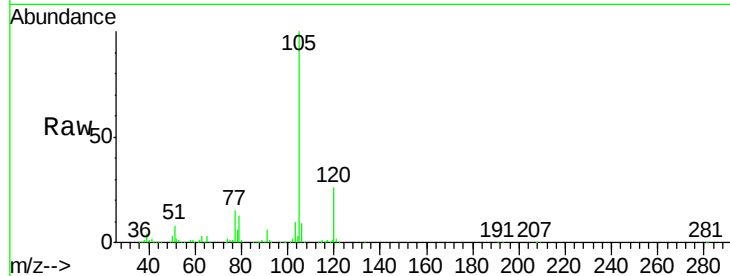
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

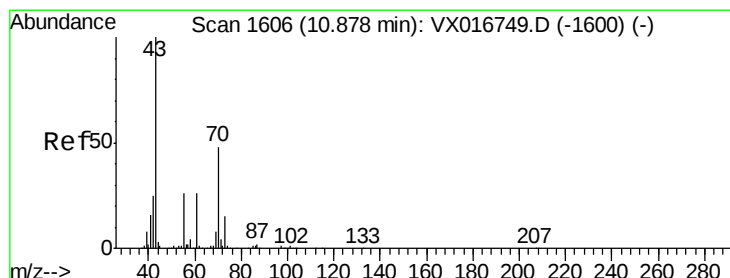
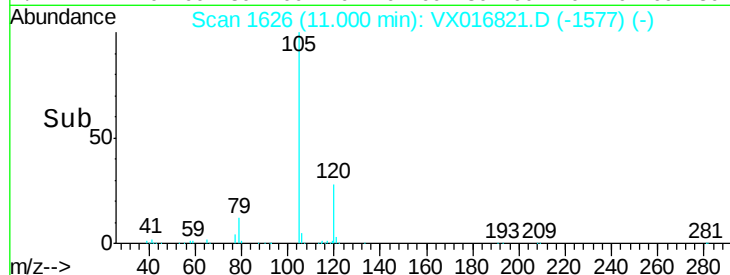
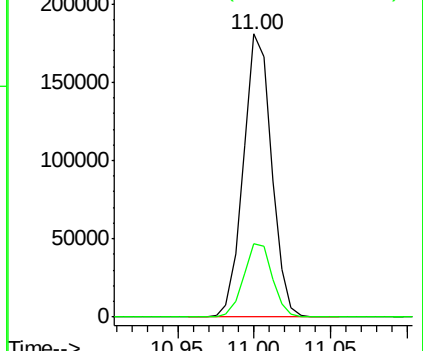
Manual Integrations
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6/18/2020 11:16:28 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.146 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion: 43 Resp: 91147

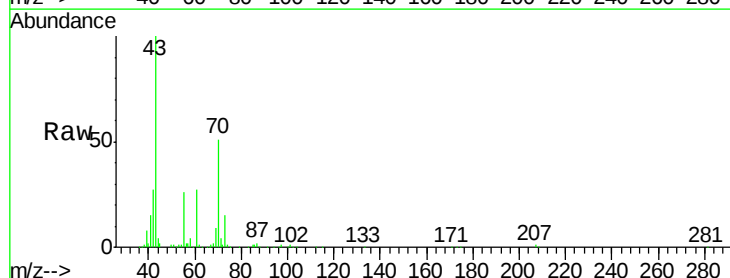
Ion Ratio Lower Upper

43 100

70 49.9 39.8 59.6

55 26.6 21.7 32.5

61 26.9 21.6 32.4

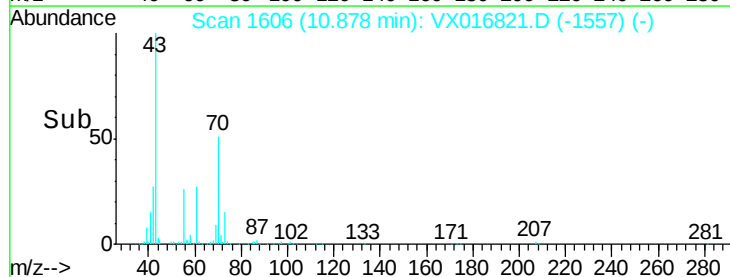
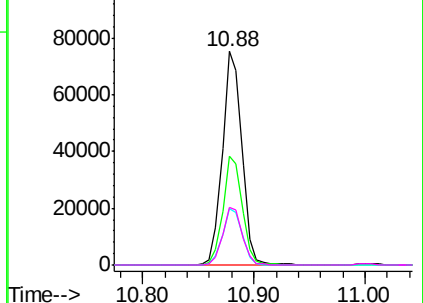


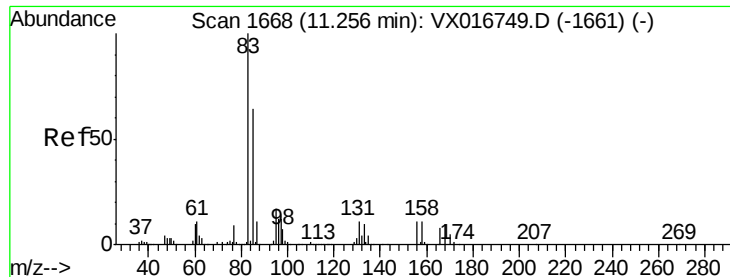
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 14.545 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

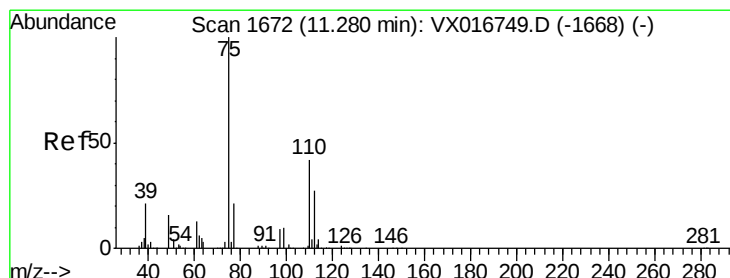
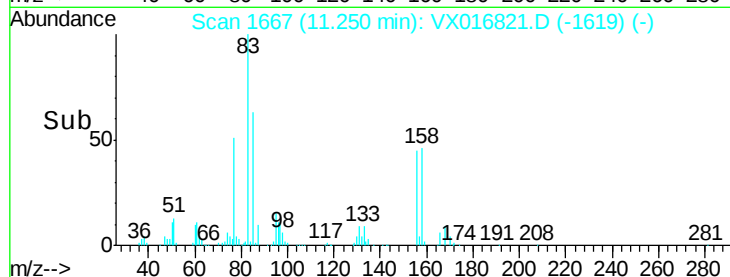
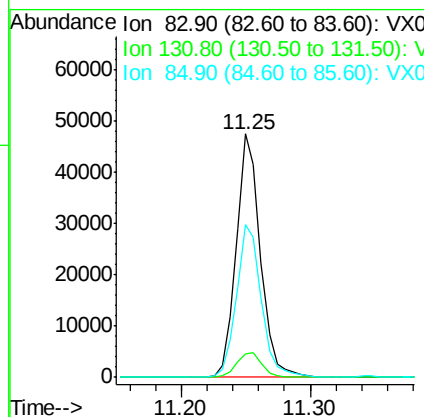
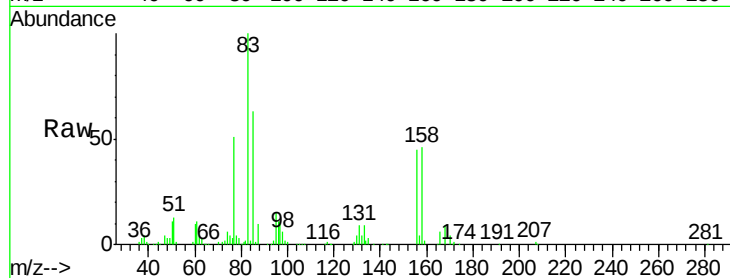
ClientSampleId :

VX0617WBS03

Tot Ion:	83	Resp:	62145
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.7	32.4	97.2

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MMDadoda
6/18/2020 11:16:28 AM



#76

1,2,3-Trichloropropane

Concen: 15.873 ug/l m

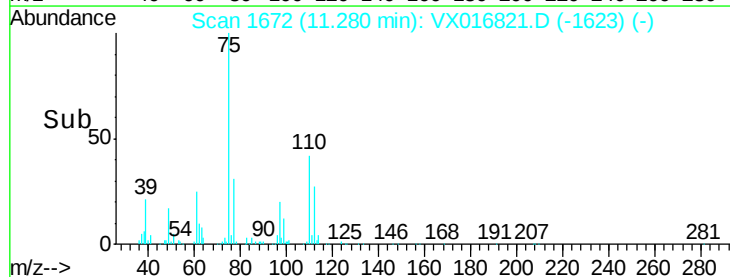
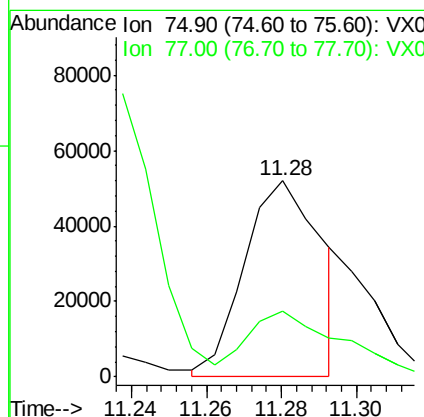
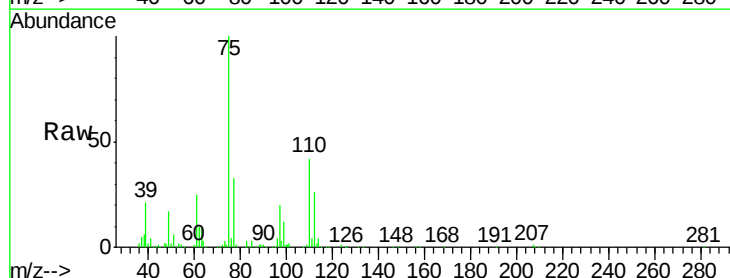
RT: 11.28 min Scan# 1672

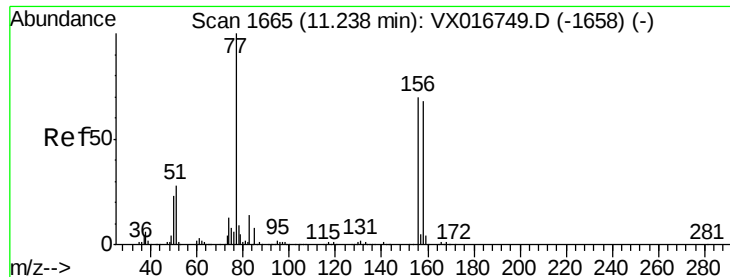
Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	75	Resp:	73886
Ion Ratio	Lower	Upper	
75	100		
77	41.3	20.3	60.9





#77

Bromobenzene

Concen: 15.406 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

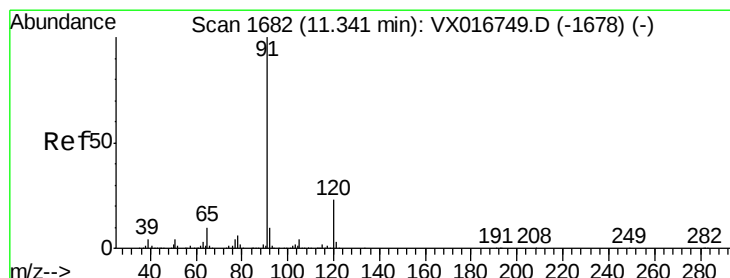
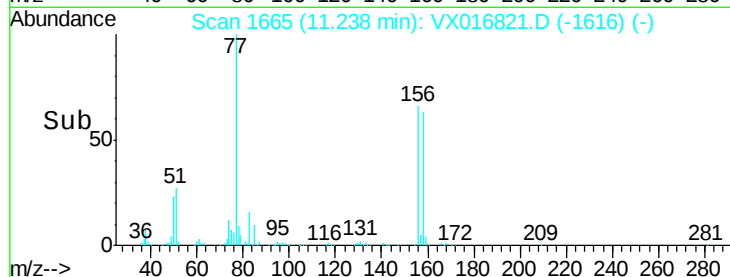
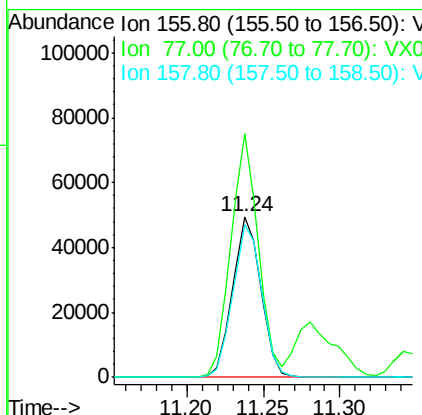
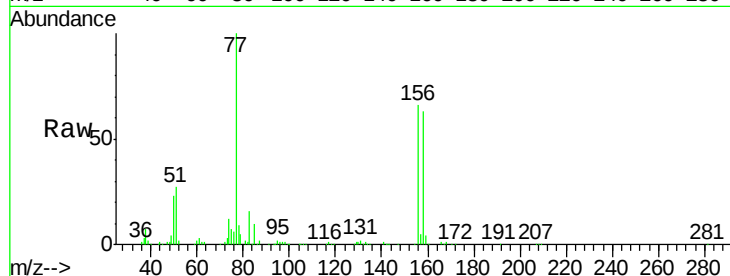
ClientSampleId :

VX0617WBS03

Tot Ion:	156	Resp:	63181
Ion Ratio	Lower	Upper	
156	100		
77	147.5	73.2	219.6
158	97.1	48.8	146.4

Manual Integrations
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MMDadoda
6/18/2020 11:16:28 AM



#78

n-propylbenzene

Concen: 15.826 ug/l

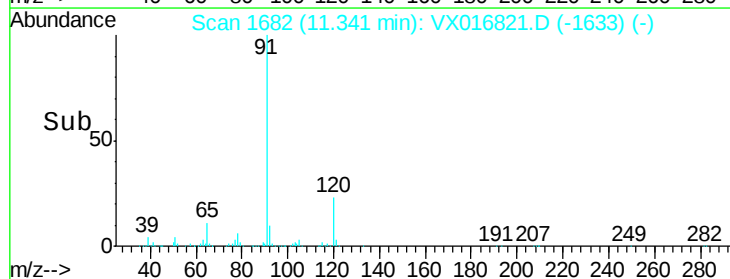
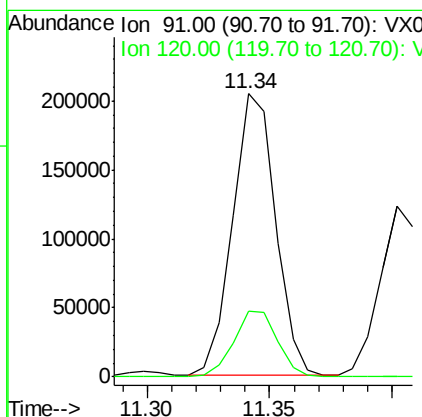
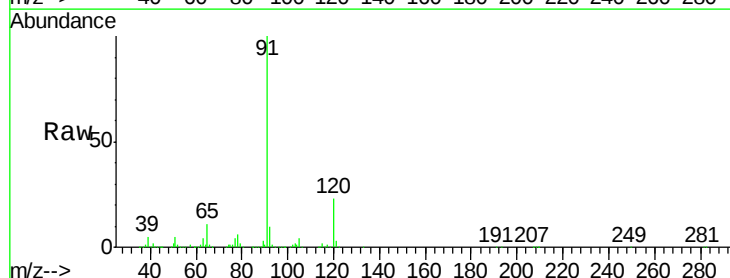
RT: 11.34 min Scan# 1682

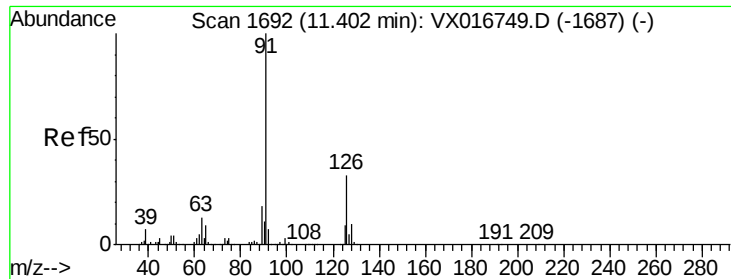
Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	91	Resp:	249633
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





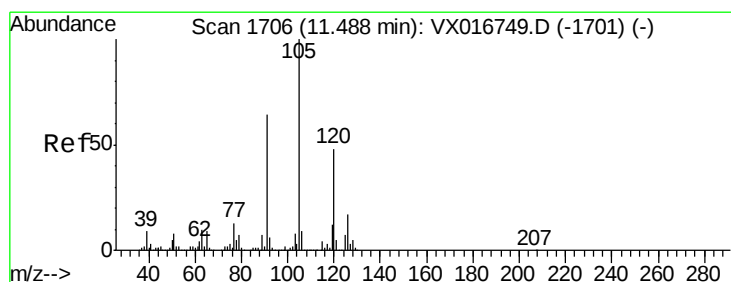
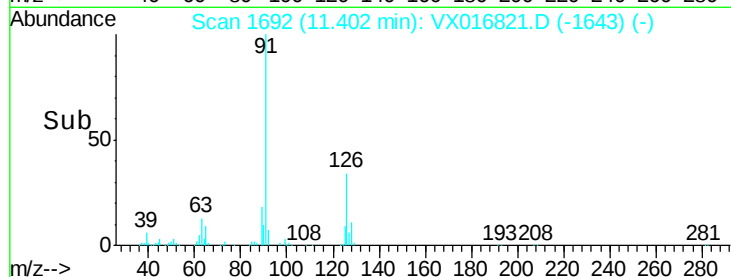
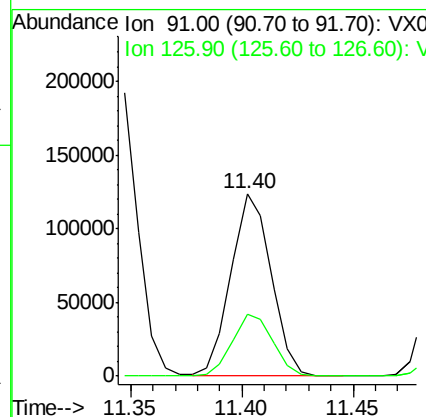
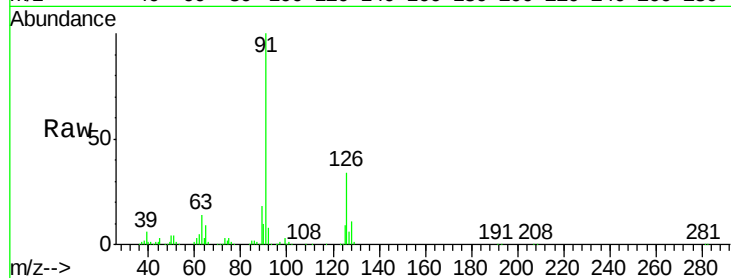
#79
2-Chlorotoluene
Concen: 15.551 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion: 91 Resp: 155113
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5

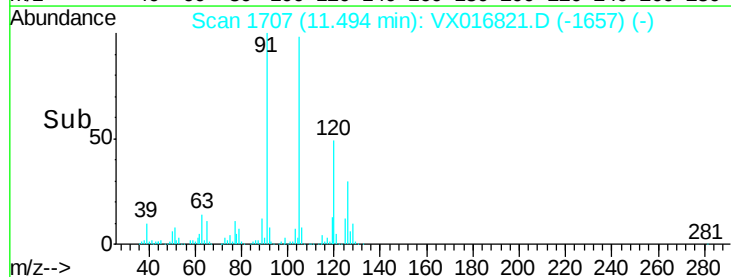
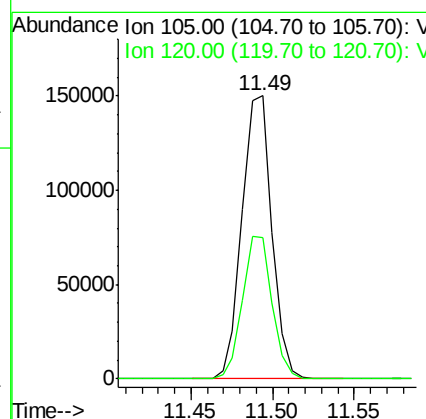
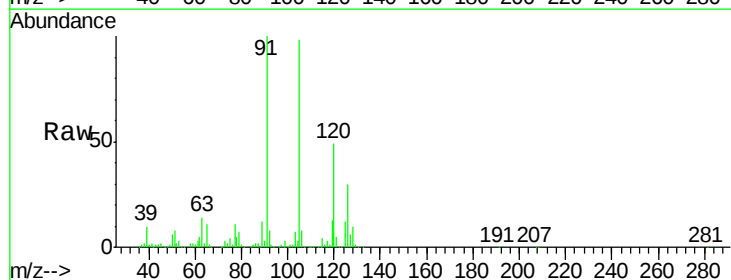
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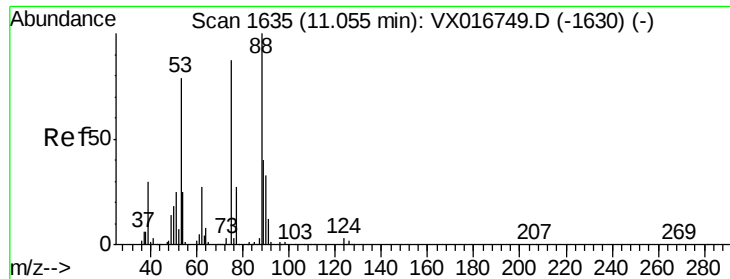
MMDadoda
6/18/2020 11:16:28 AM



#80
1,3,5-Trimethylbenzene
Concen: 15.780 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion: 105 Resp: 192131
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4





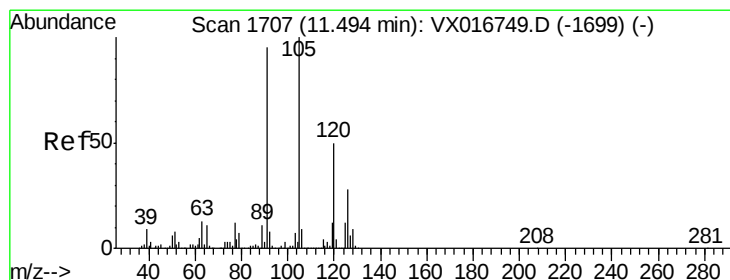
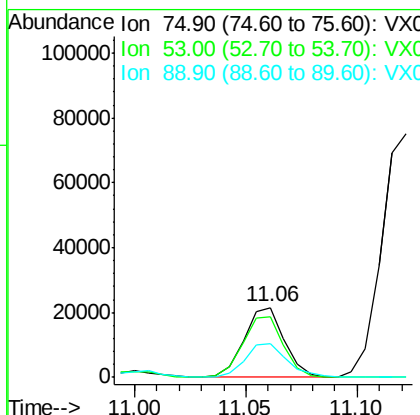
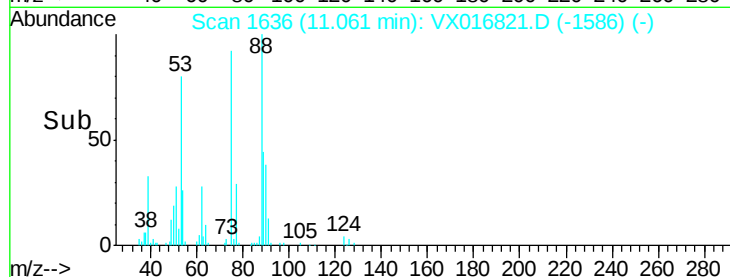
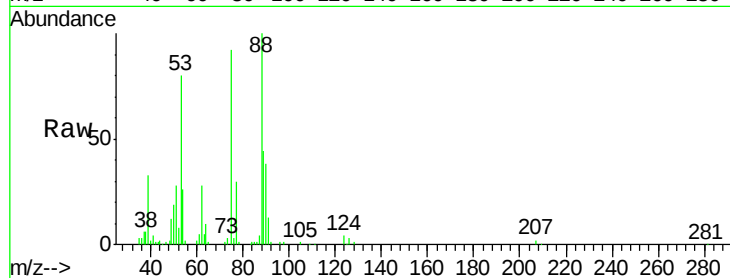
#81
trans-1,4-Dichloro-2-butene
Concen: 14.623 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	71.4	107.0
89	51.3	39.1	58.7

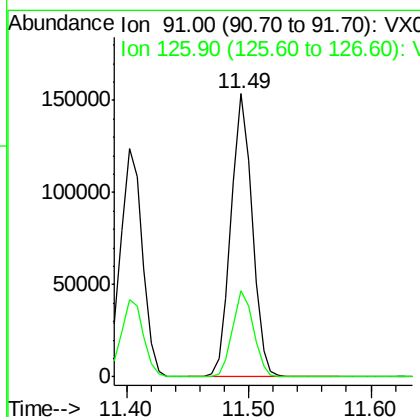
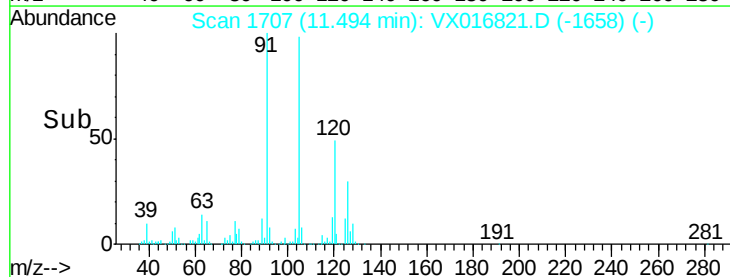
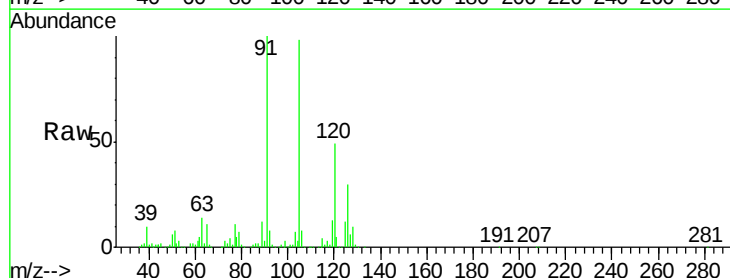
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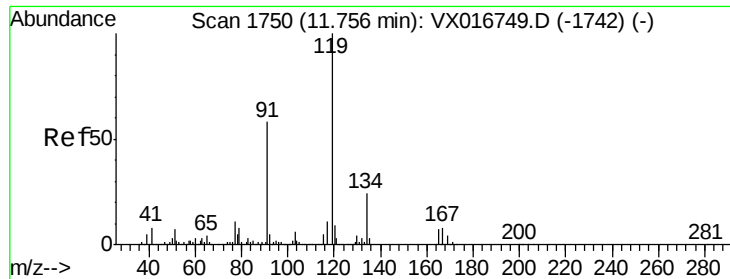
MMDadoda
6/18/2020 11:16:28 AM



#82
4-Chlorotoluene
Concen: 15.716 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.2	45.6





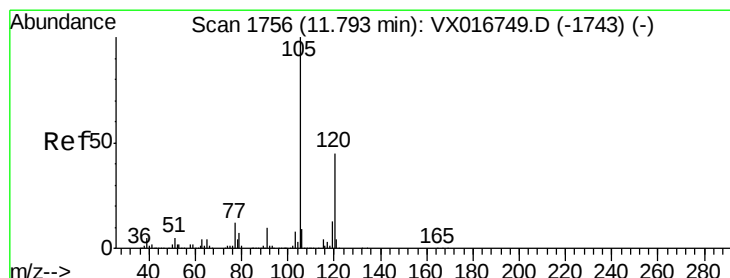
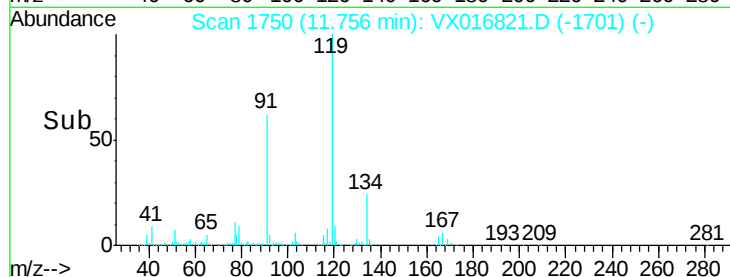
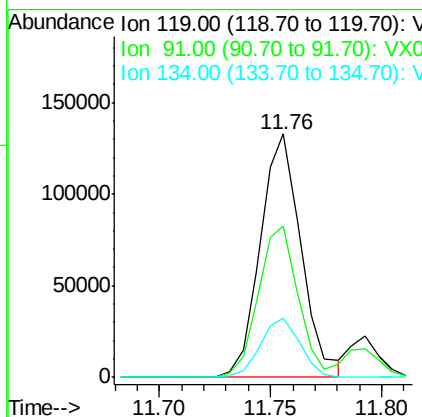
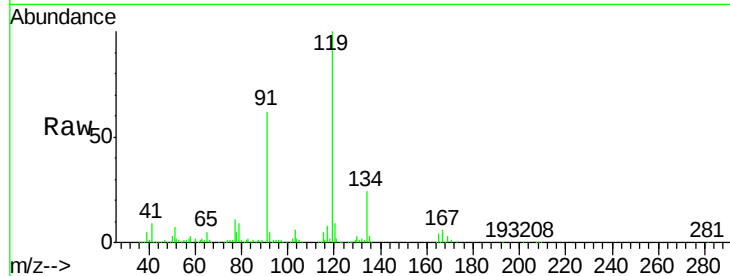
#83
tert-Butylbenzene
Concen: 15.177 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169086		
91	60.6	29.3	88.0	
134	23.8	11.8	35.3	

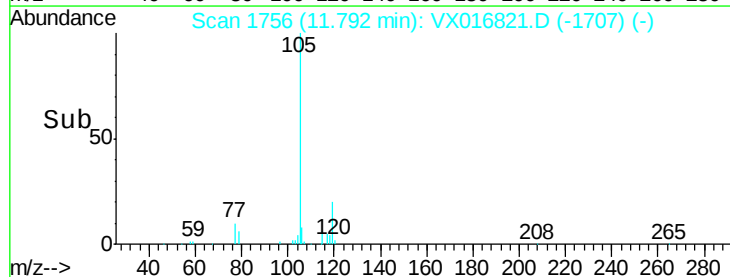
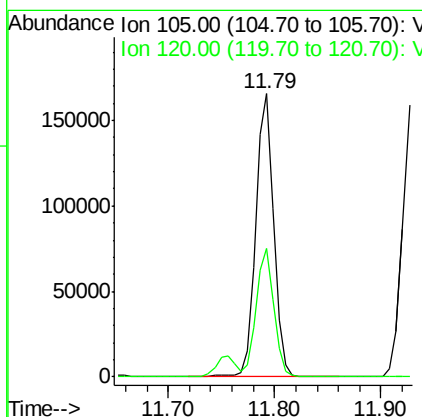
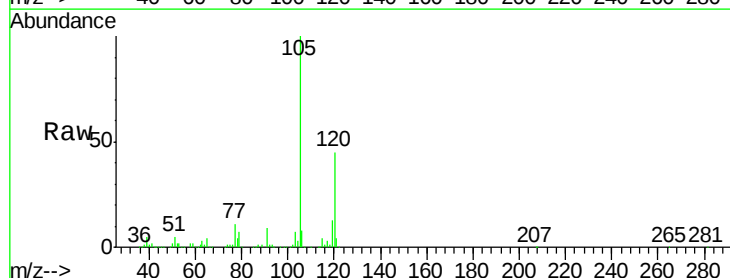
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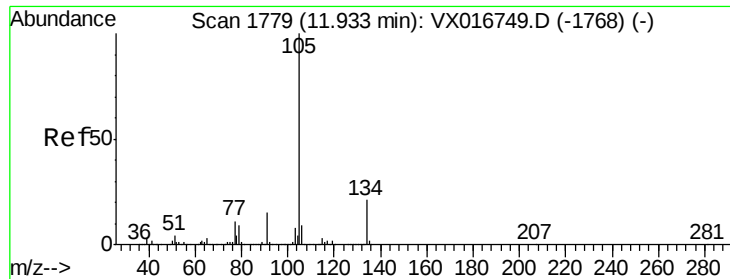
MMDadoda
6/18/2020 11:16:28 AM



#84
1,2,4-Trimethylbenzene
Concen: 15.830 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194972		
120	45.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 16.016 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS03

Tot Ion:105 Resp: 208720

Ion Ratio Lower Upper

105 100

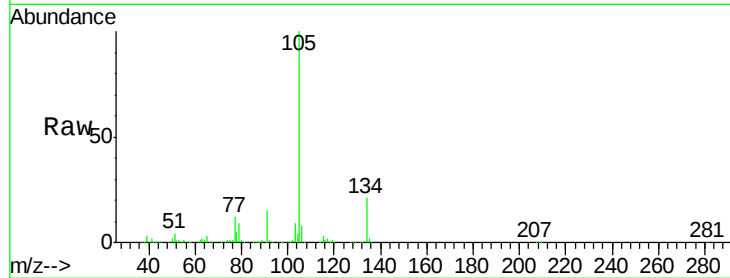
134 20.3 10.3 30.8

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

11.93

150000

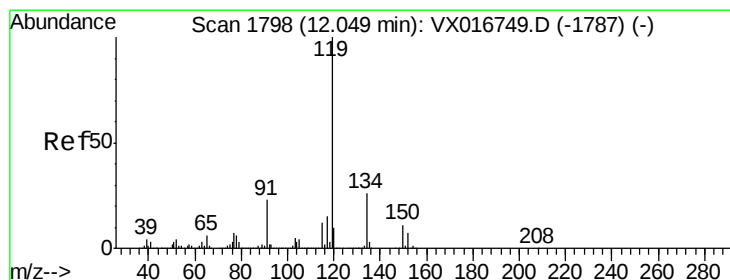
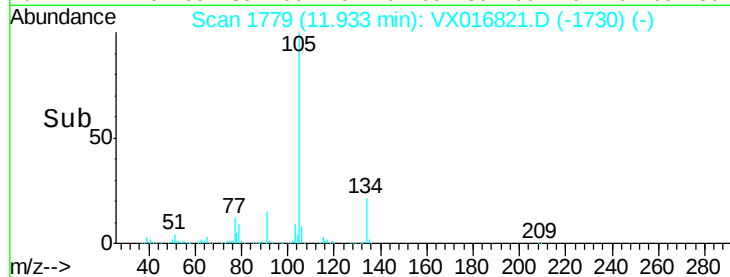
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 15.134 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

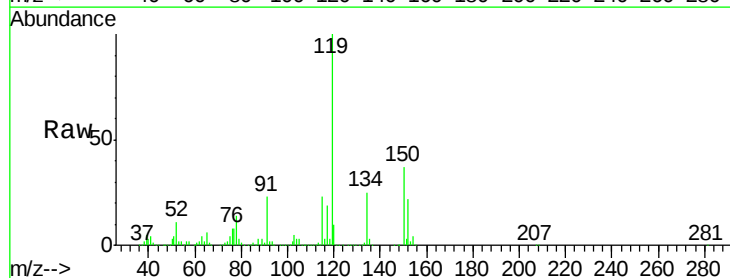
Tgt Ion:119 Resp: 189233

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 22.9 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

12.05

200000

150000

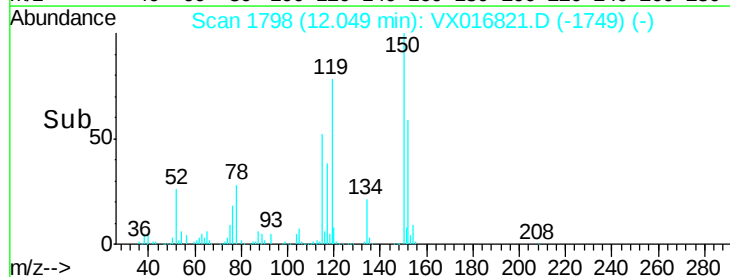
100000

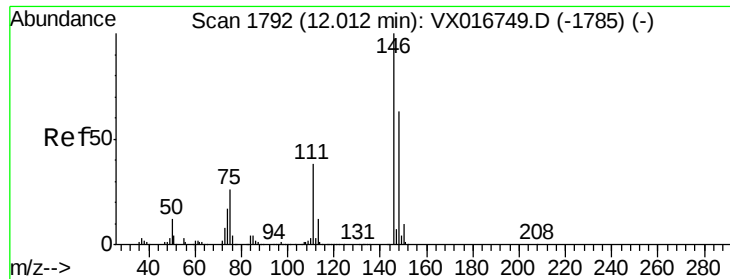
50000

0

Time-->

12.00 12.10





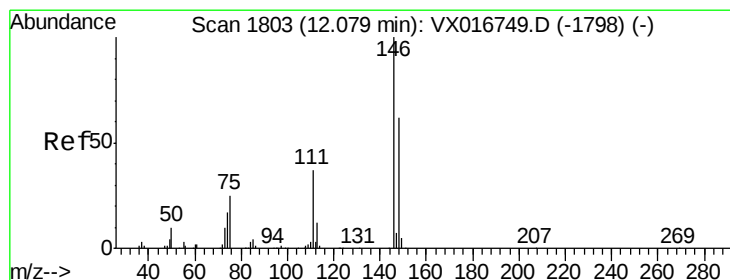
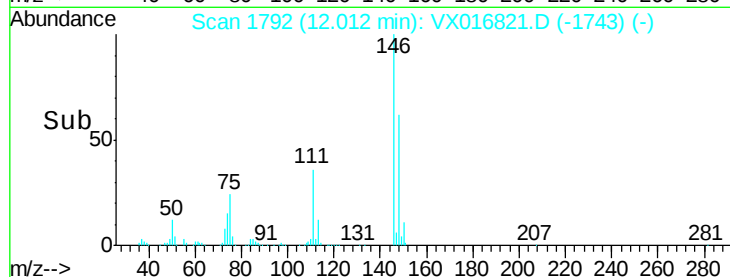
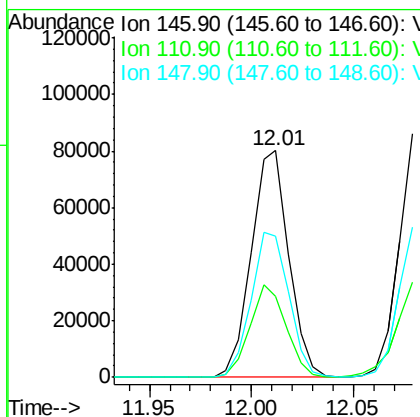
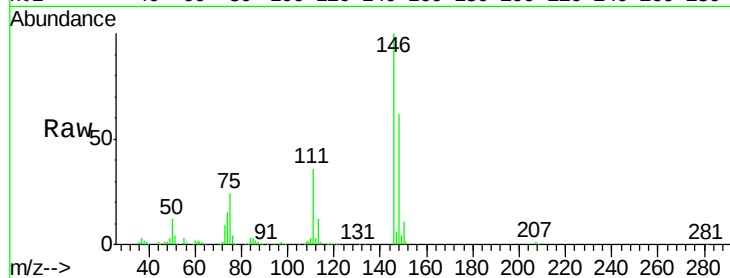
#87
 1,3-Dichlorobenzene
 Concen: 14.792 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	64.7	31.9	95.7

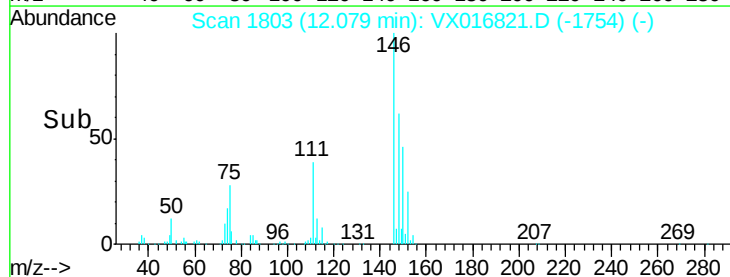
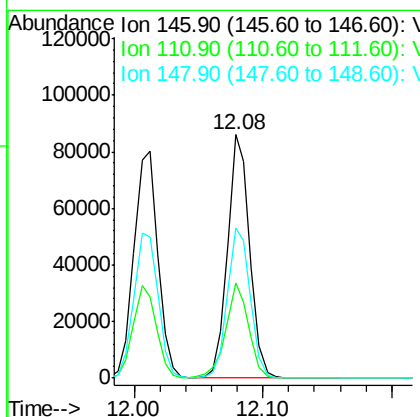
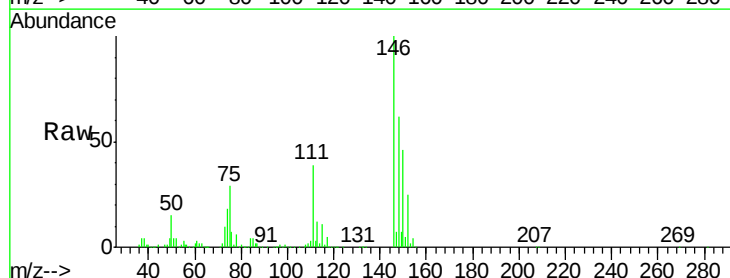
Manual Integrations
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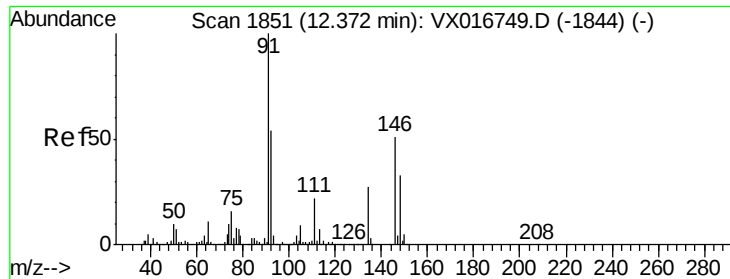
MMDadoda
 6/18/2020 11:16:28 AM



#88
 1,4-Dichlorobenzene
 Concen: 14.424 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.3	57.8
148	64.2	32.1	96.5





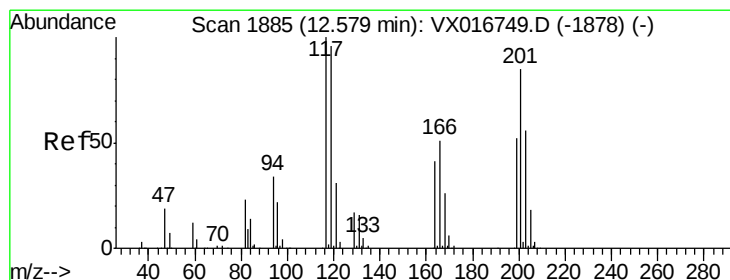
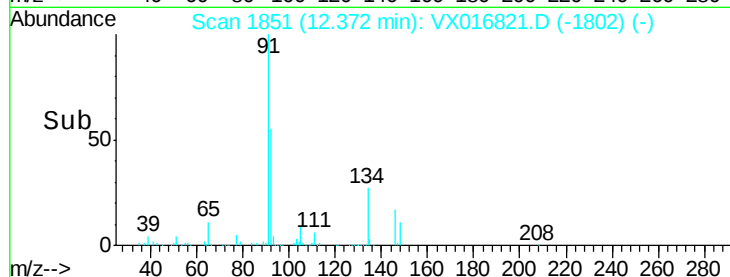
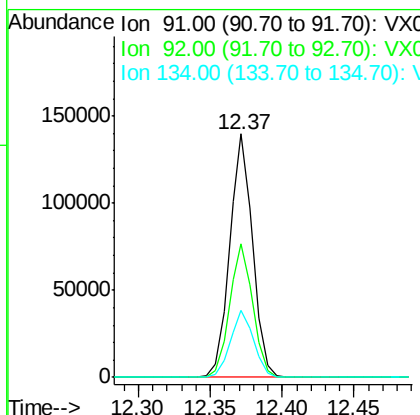
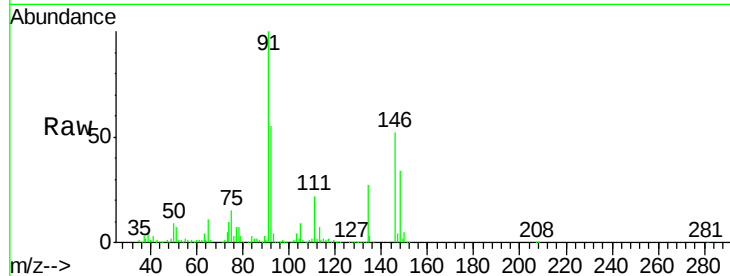
#89
n-Butylbenzene
Concen: 15.140 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.0	80.8
134	27.8	13.7	41.0

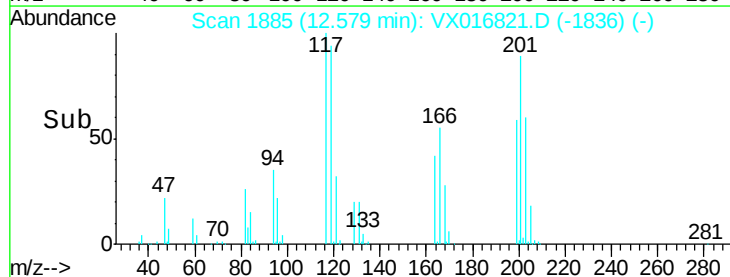
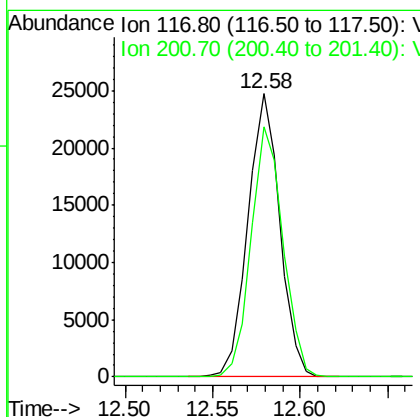
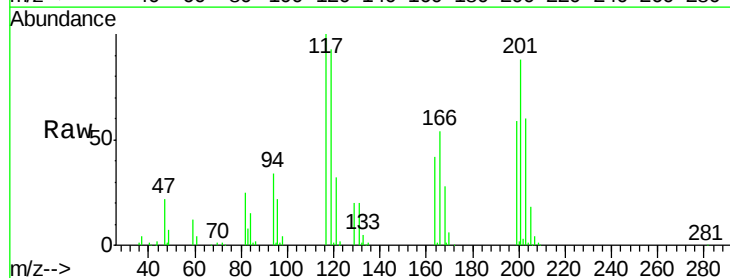
Manual Integrations
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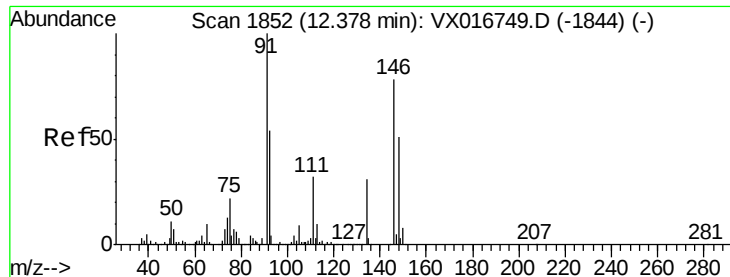
MMDadoda
6/18/2020 11:16:28 AM



#90
Hexachloroethane
Concen: 13.568 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016821.D
Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	45.6	136.9





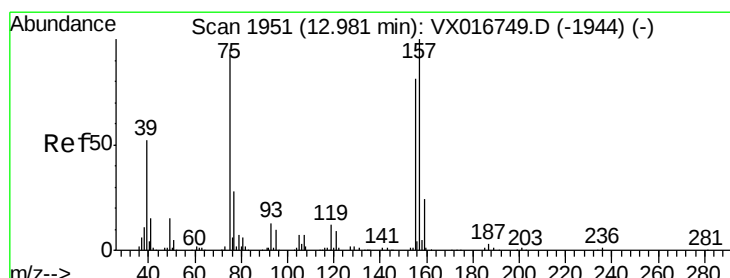
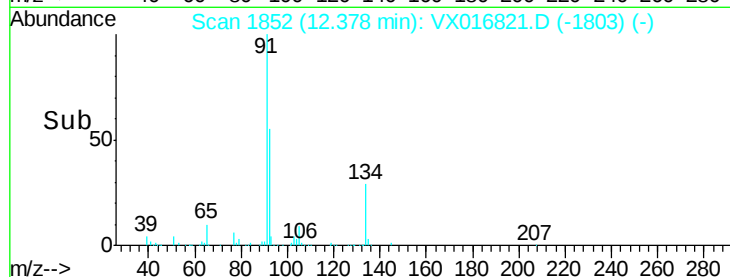
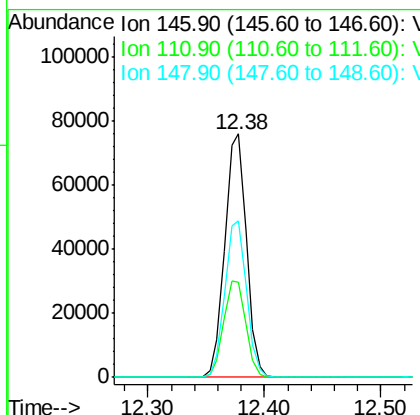
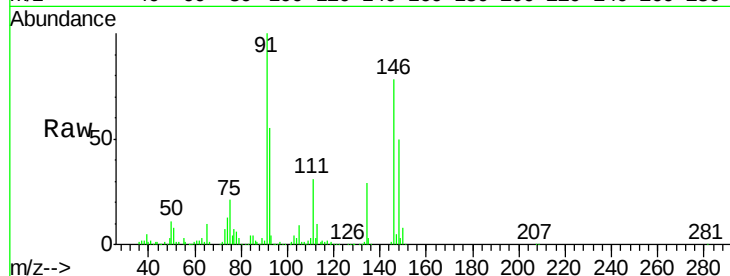
#91
 1,2-Dichlorobenzene
 Concen: 14.103 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.2
148	64.1	32.1	96.5

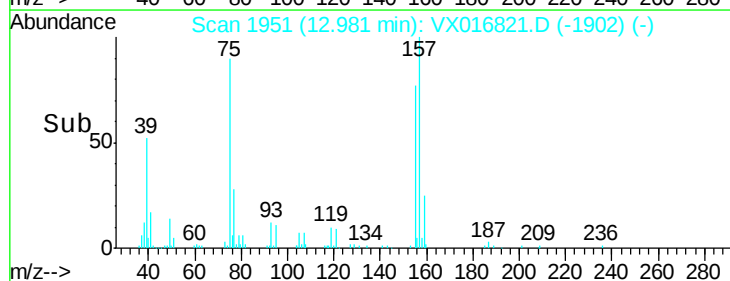
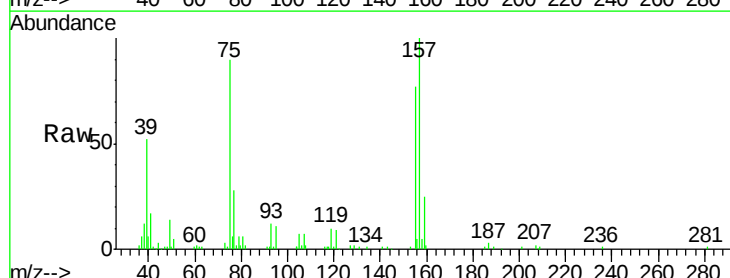
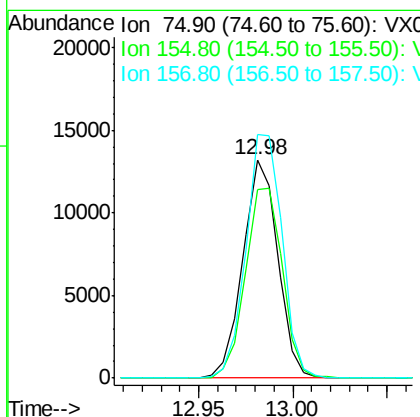
Manual Integrations
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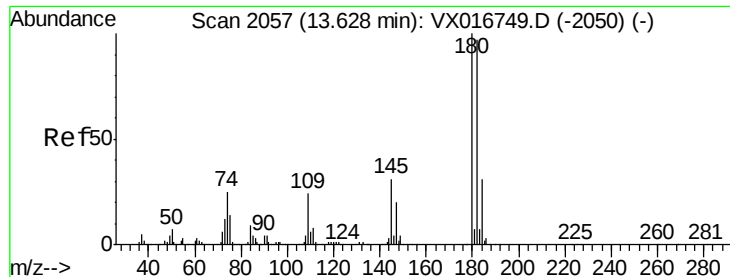
MMDadoda
 6/18/2020 11:16:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.241 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	46.9	140.7
157	115.3	59.6	178.7





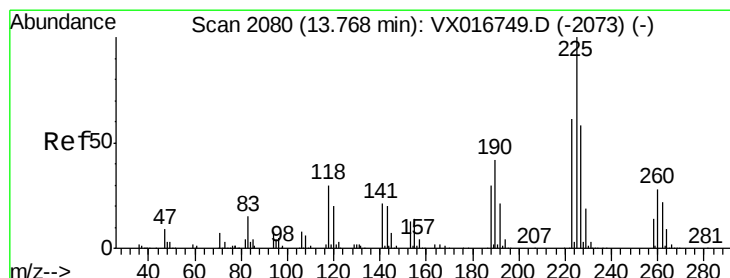
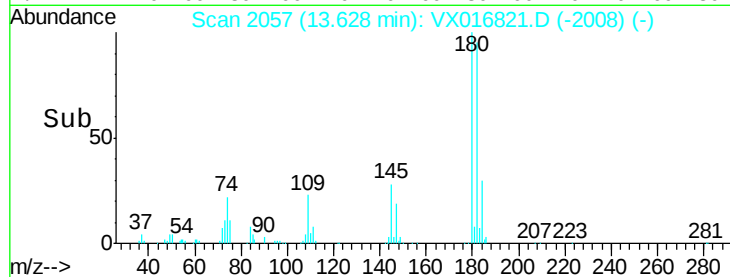
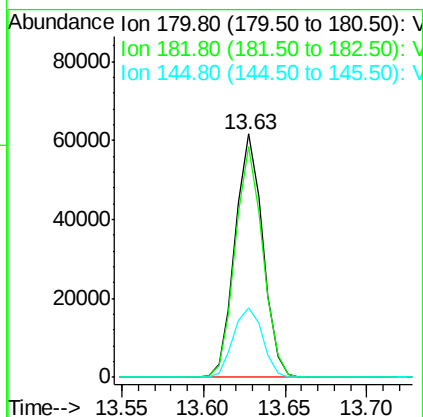
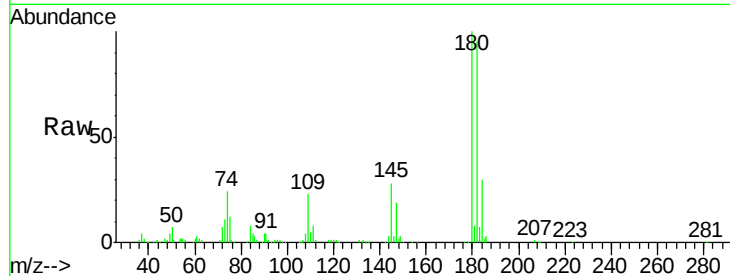
#93
 1,2,4-Trichlorobenzene
 Concen: 15.047 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	73059		
182	94.1	48.6	145.8	
145	30.3	15.4	46.4	

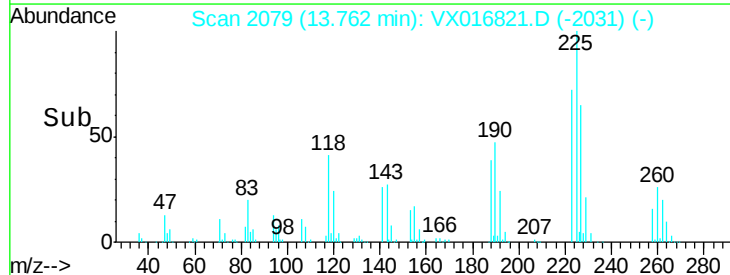
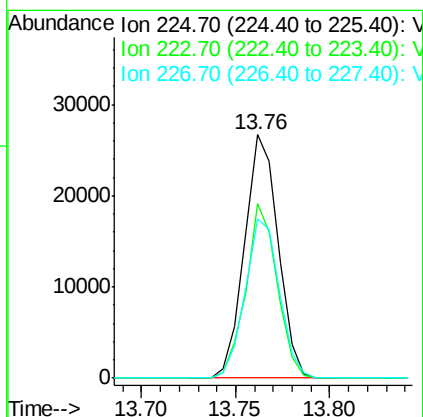
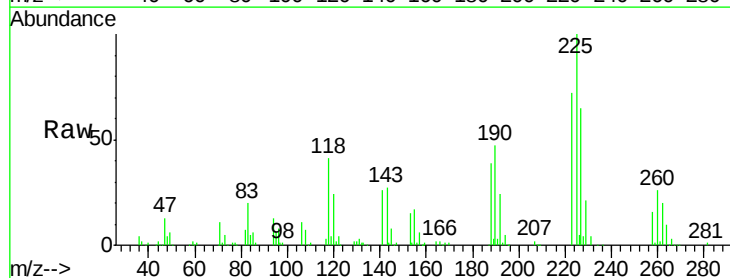
Manual Integrations
 APPROVED

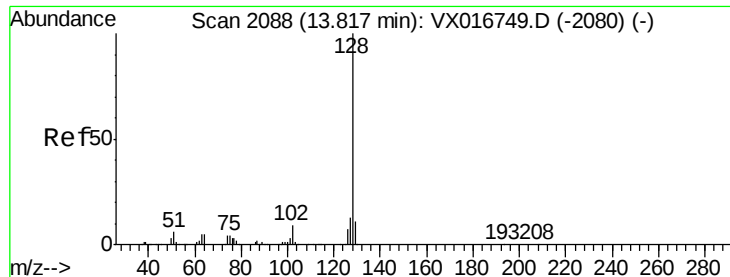
MMDadoda
 6/18/2020 11:16:28 AM



#94
 Hexachlorobutadiene
 Concen: 15.733 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016821.D
 Acq: 17 Jun 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33005		
223	66.7	31.1	93.5	
227	66.7	30.9	92.7	





#95

Naphthalene

Concen: 14.914 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Instrument :

MSVOA_X

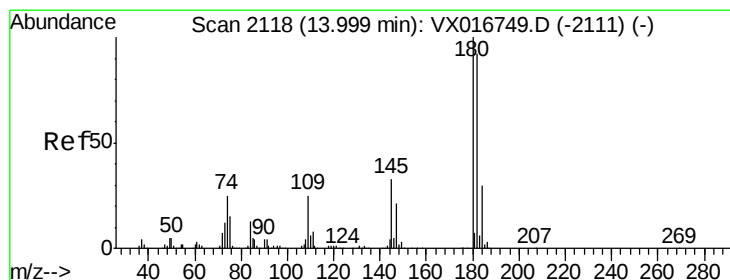
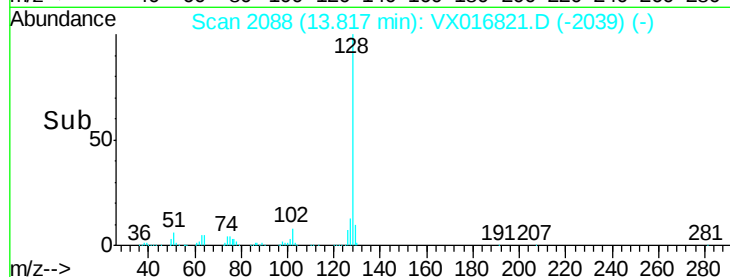
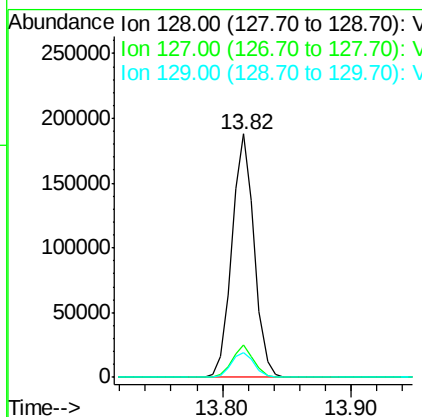
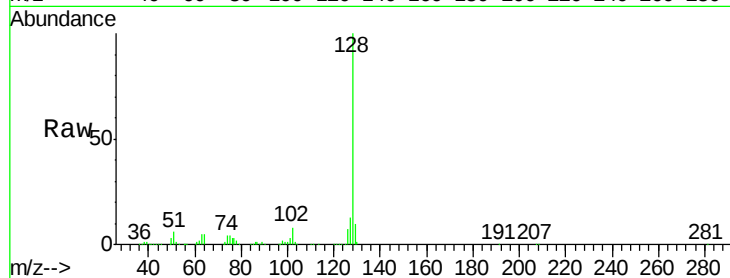
ClientSampleId :

VX0617WBS03

Tot Ion:	128	Resp:	226855
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.5	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 15.035 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016821.D

Acq: 17 Jun 2020 16:58

Tgt Ion:	180	Resp:	71852
Ion Ratio		Lower	Upper
180	100		
182	94.8	47.1	141.4
145	32.3	15.9	47.7

