

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016849.D
 Acq On : 18 Jun 2020 20:07
 Operator : JC/SP
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:20 PM

Quant Time: Jun 19 12:24:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	521022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173325	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.46	113	128046	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	
50) Toluene-d8	8.70	98	485264	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	
62) 4-Bromofluorobenzene	11.12	95	184573	36.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	76606	23.076	ug/l	98
3) Chloromethane	1.31	50	76263	22.656	ug/l	100
4) Vinyl Chloride	1.39	62	80831	21.306	ug/l	99
5) Bromomethane	1.63	94	54207	23.730	ug/l	99
6) Chloroethane	1.72	64	47277	20.234	ug/l	99
7) Trichlorofluoromethane	1.92	101	107455	20.247	ug/l	99
8) Diethyl Ether	2.17	74	41598	20.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48654	17.211	ug/l	99
10) Methyl Iodide	2.50	142	49565	18.417	ug/l	98
11) Tert butyl alcohol	3.01	59	56926	103.506	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50374	17.426	ug/l	99
13) Acrolein	2.27	56	29768	89.273	ug/l	98
14) Allyl chloride	2.71	41	77932	20.381	ug/l	97
15) Acrylonitrile	3.12	53	132726	105.311	ug/l	100
16) Acetone	2.42	43	104984	88.893	ug/l	99
17) Carbon Disulfide	2.55	76	141985	19.006	ug/l	98
18) Methyl Acetate	2.75	43	65458	21.796	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	171816	20.856	ug/l	99
20) Methylene Chloride	2.84	84	55348	19.543	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	54609	20.013	ug/l	98
22) Diisopropyl ether	3.82	45	152309	20.790	ug/l	99
23) Vinyl Acetate	3.79	43	631632	104.559	ug/l	99
24) 1,1-Dichloroethane	3.67	63	92831	20.286	ug/l	98
25) 2-Butanone	4.64	43	170713	105.030	ug/l	99
26) 2,2-Dichloropropane	4.55	77	80724	18.828	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60810	19.827	ug/l	100
28) Bromochloromethane	4.98	49	38676	20.363	ug/l	99
29) Tetrahydrofuran	5.09	42	111048	108.482	ug/l	99
30) Chloroform	5.18	83	96299	19.933	ug/l	95
31) Cyclohexane	5.55	56	82844	20.592	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	91892	20.096	ug/l	100
36) 1,1-Dichloropropene	5.77	75	80830	16.802	ug/l	98
37) Ethyl Acetate	4.79	43	69629	16.381	ug/l	99
38) Carbon Tetrachloride	5.75	117	86172	15.964	ug/l	98

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 Data File : VX016849.D
 Acq On : 18 Jun 2020 20:07
 Operator : JC/SP
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

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 6/19/2020 12:50:20 PM

Quant Time: Jun 19 12:24:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	102068	18.247	ug/l	98
40) Benzene	6.12	78	275881	19.112	ug/l	100
41) Methacrylonitrile	5.00	41	37573	16.282	ug/l	99
42) 1,2-Dichloroethane	6.16	62	94397	18.377	ug/l	99
43) Isopropyl Acetate	6.41	43	148664	20.028	ug/l	99
44) Trichloroethene	7.19	130	80392	18.185	ug/l	97
45) 1,2-Dichloropropane	7.49	63	64872	17.877	ug/l	96
46) Dibromomethane	7.64	93	40849	16.599	ug/l	98
47) Bromodichloromethane	7.88	83	77986	14.900	ug/l	97
48) Methyl methacrylate	7.74	41	56982	16.302	ug/l	99
49) 1,4-Dioxane	7.71	88	26803	342.565	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	336489	75.370	ug/l	99
52) Toluene	8.76	92	140504	14.673	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84675	14.716	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	94104	15.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55785	15.429	ug/l	99
56) Ethyl methacrylate	9.16	69	81428	15.557	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92668	15.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	195859	80.421	ug/l	99
59) 2-Hexanone	9.47	43	249587	77.199	ug/l	98
60) Dibromochloromethane	9.57	129	65305	15.057	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58609	14.937	ug/l	98
64) Tetrachloroethene	9.32	164	69851	19.183	ug/l	97
65) Chlorobenzene	10.12	112	151283	18.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59721	19.352	ug/l	99
67) Ethyl Benzene	10.24	91	260508	19.390	ug/l	100
68) m/p-Xylenes	10.34	106	199104	38.084	ug/l	100
69) o-Xylene	10.68	106	96663	19.996	ug/l	99
70) Styrene	10.70	104	168112	20.467	ug/l	99
71) Bromoform	10.84	173	51174	19.723	ug/l #	100
73) Isopropylbenzene	11.00	105	261592	19.650	ug/l	100
74) N-amyl acetate	10.88	43	96745	20.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72344	19.245	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	75245m	19.926	ug/l	
77) Bromobenzene	11.24	156	71118	19.588	ug/l	97
78) n-propylbenzene	11.34	91	289588	19.491	ug/l	100
79) 2-Chlorotoluene	11.40	91	176073	19.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224834	19.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27752	17.997	ug/l	98
82) 4-Chlorotoluene	11.49	91	209802	19.238	ug/l	100
83) tert-Butylbenzene	11.76	119	209989	18.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	227493	19.227	ug/l	99
85) sec-Butylbenzene	11.93	105	250332	18.966	ug/l	99
86) p-Isopropyltoluene	12.05	119	235564	19.479	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	126271	19.036	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126118	18.800	ug/l	98
89) n-Butylbenzene	12.37	91	193607	18.669	ug/l	100
90) Hexachloroethane	12.58	117	45760	21.006	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118991	18.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17022	19.097	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016849.D
Acq On : 18 Jun 2020 20:07
Operator : JC/SP
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

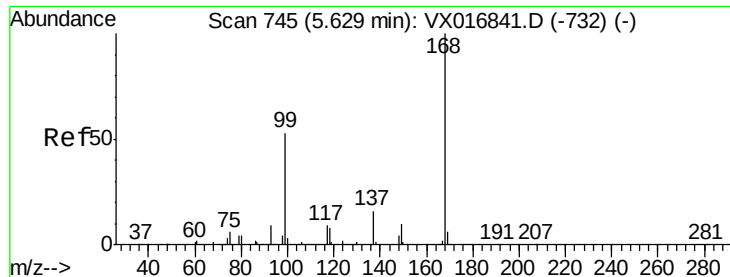
Manual Integrations
APPROVED

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6/19/2020 12:50:20 PM

Quant Time: Jun 19 12:24:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83264	19.364	ug/l	99
94) Hexachlorobutadiene	13.77	225	38099	19.635	ug/l	98
95) Naphthalene	13.82	128	259721	20.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	83971	19.582	ug/l	100

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



#1

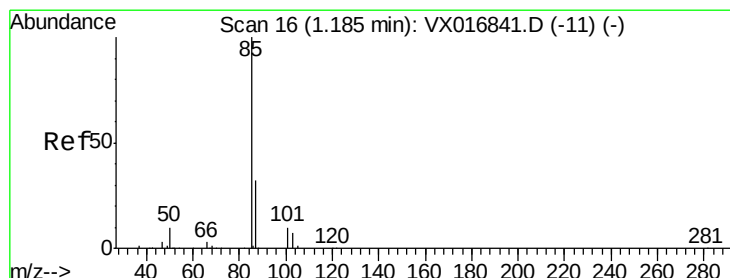
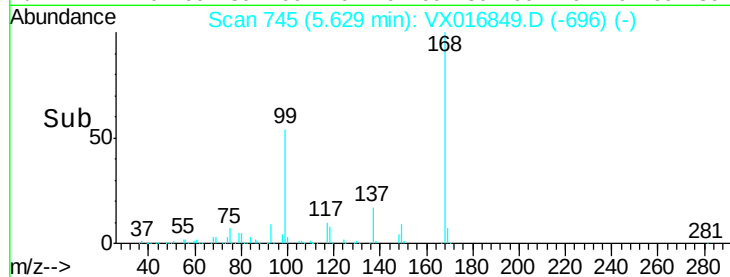
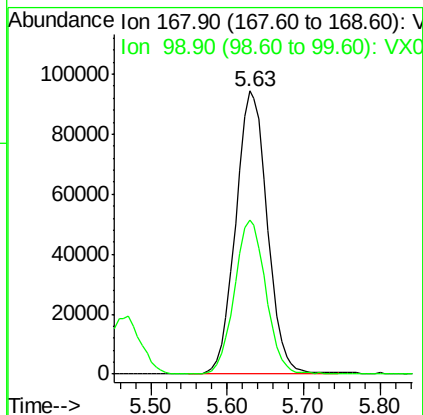
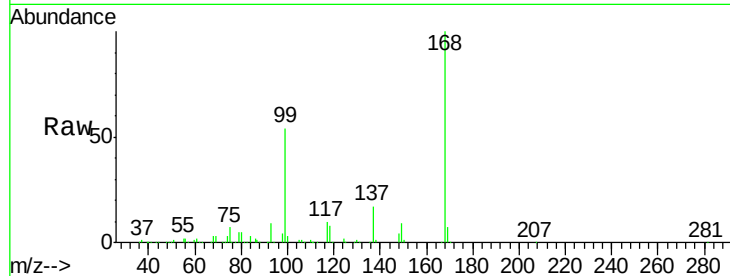
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.4	42.2	63.2

Manual Integrations
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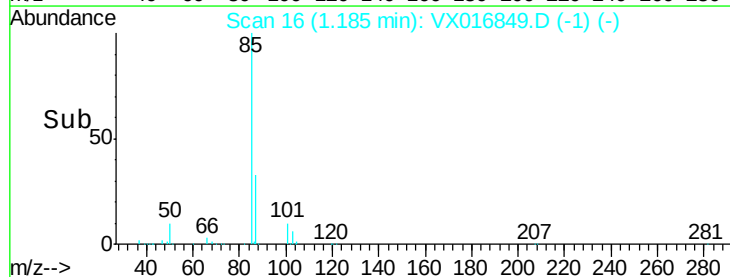
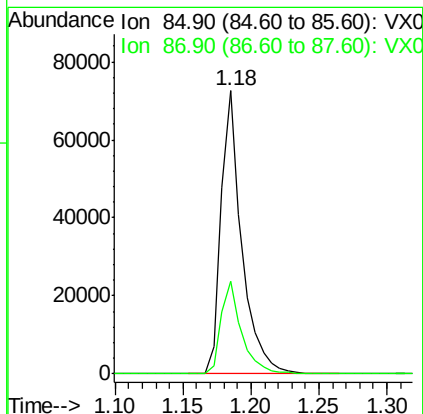
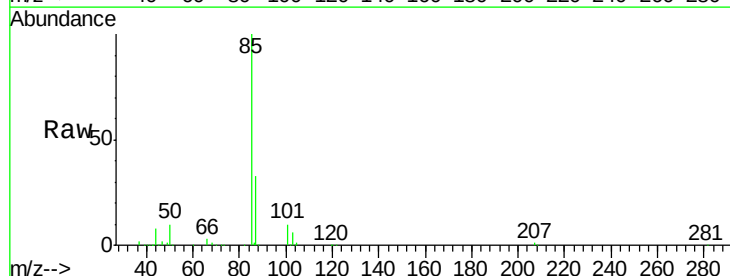
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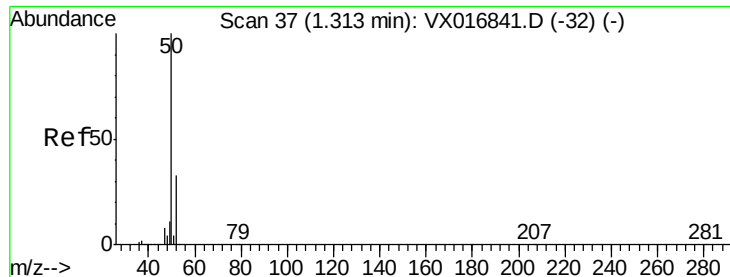


#2

Dichlorodifluoromethane
Concen: 23.076 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.0	47.9





#3

Chloromethane

Concen: 22.656 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion: 50 Resp: 76263

Ion Ratio Lower Upper

50 100

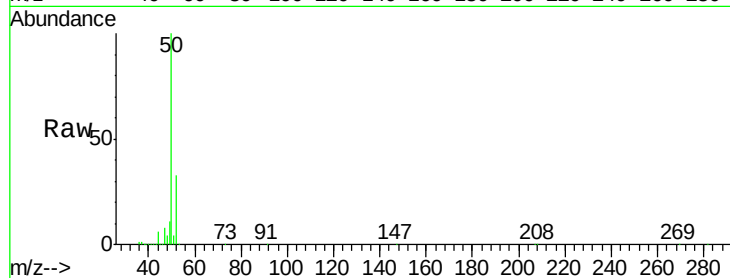
52 32.7 26.1 39.1

Manual Integrations

APPROVED

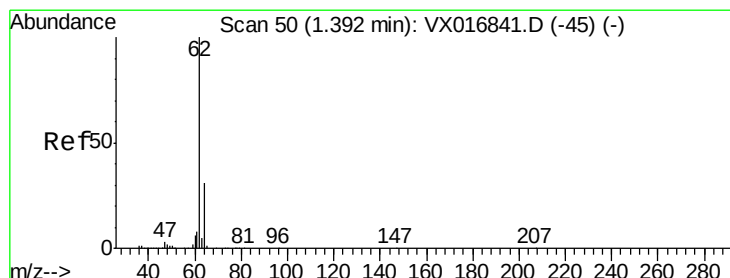
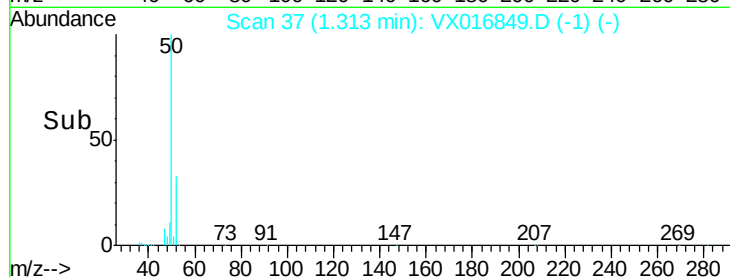
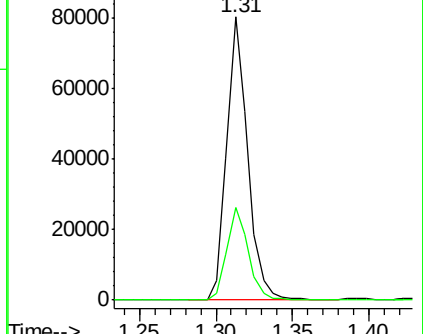
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.306 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016849.D

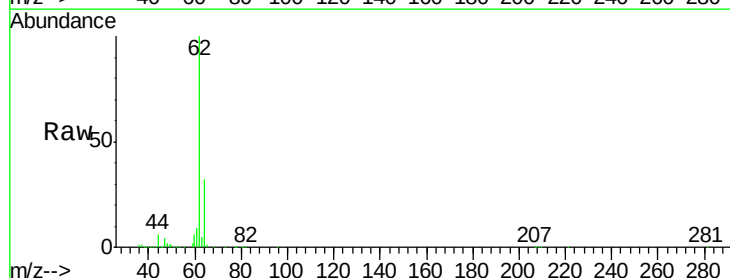
Acq: 18 Jun 2020 20:07

Tgt Ion: 62 Resp: 80831

Ion Ratio Lower Upper

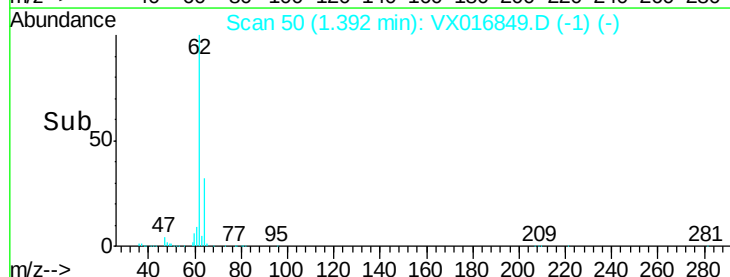
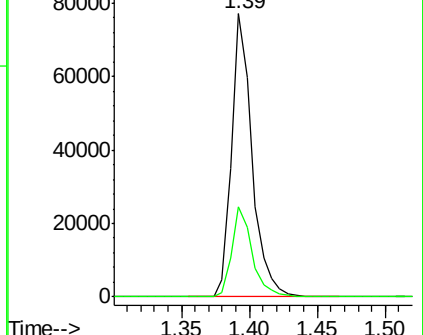
62 100

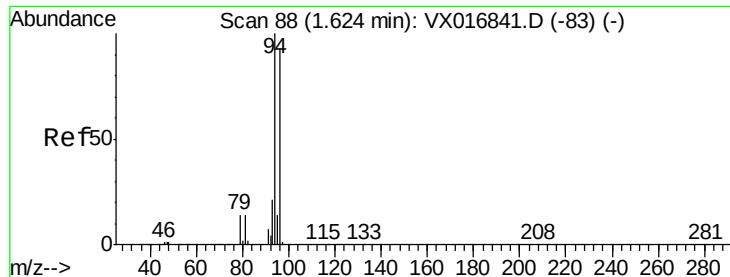
64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.730 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion: 94 Resp: 54207

Ion Ratio Lower Upper

94 100

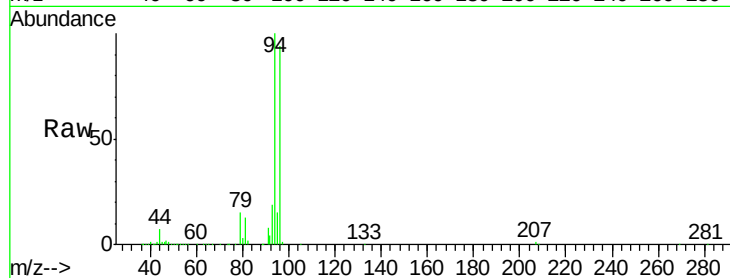
96 94.1 74.4 111.6

Manual Integrations

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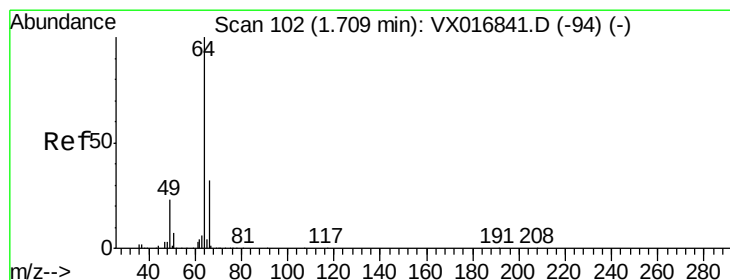
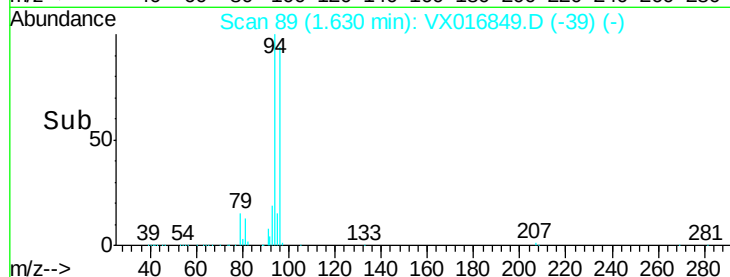
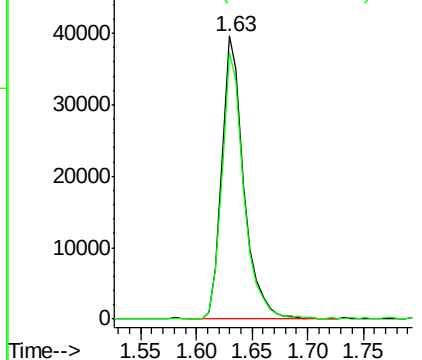
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.234 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016849.D

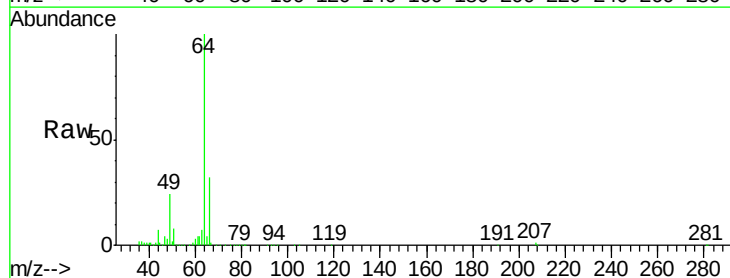
Acq: 18 Jun 2020 20:07

Tgt Ion: 64 Resp: 47277

Ion Ratio Lower Upper

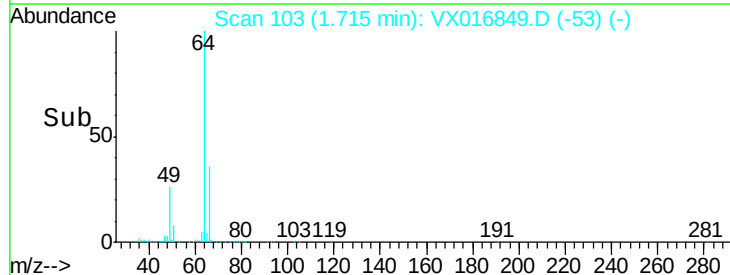
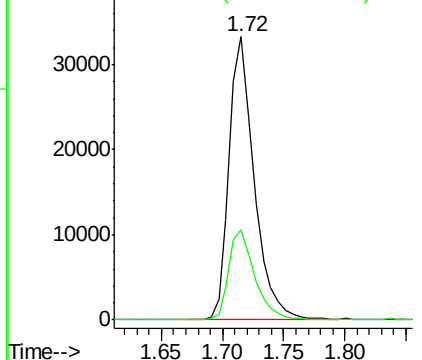
64 100

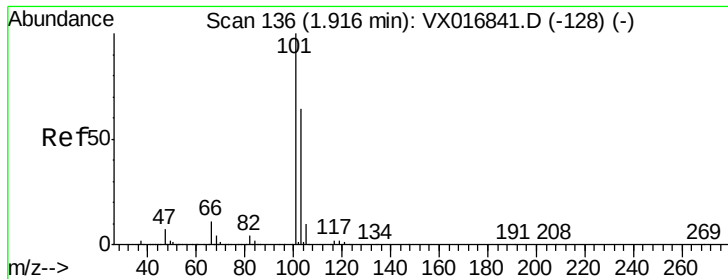
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

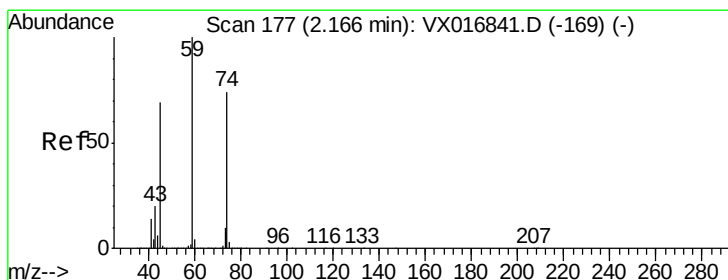
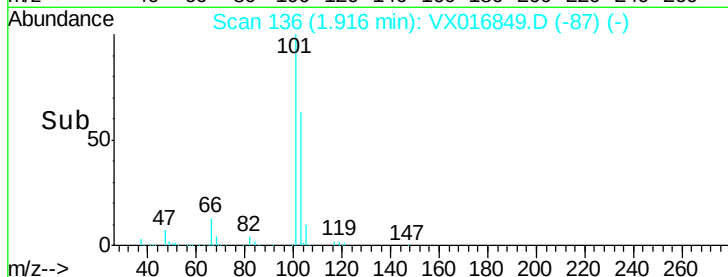
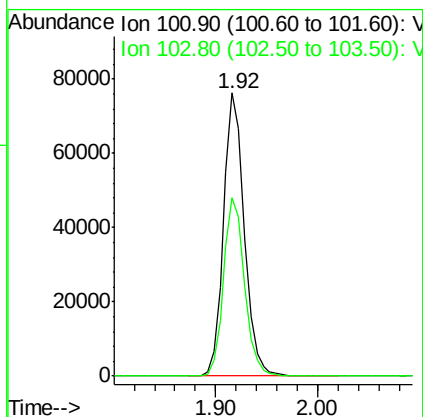
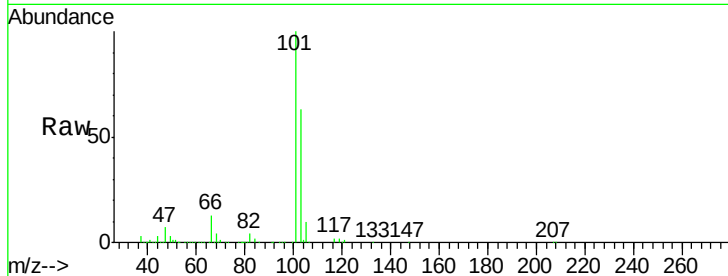
Trichlorofluoromethane
Concen: 20.247 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	107455		
103	63.1	51.2	76.8	

Manual Integrations
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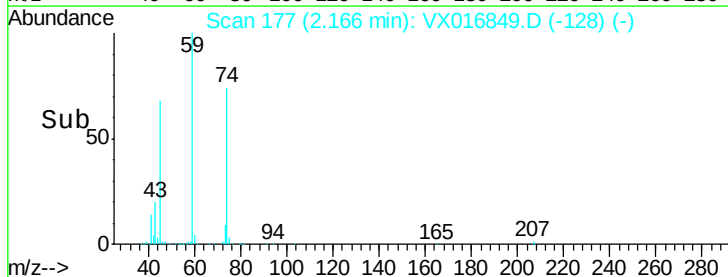
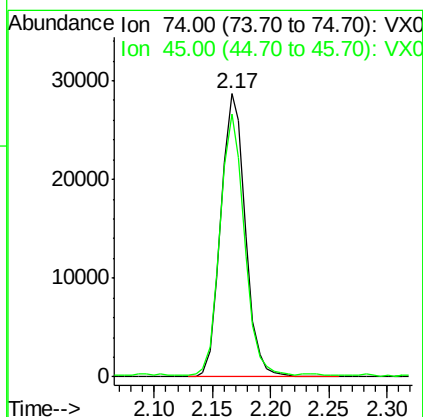
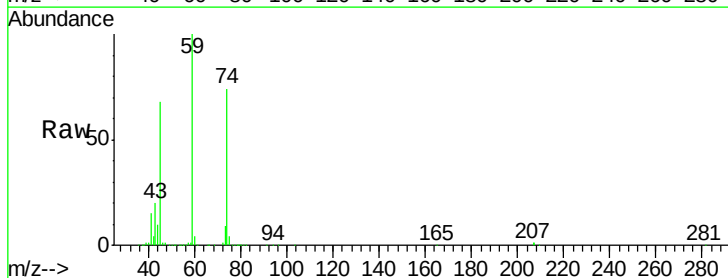
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6/19/2020 12:50:20 PM

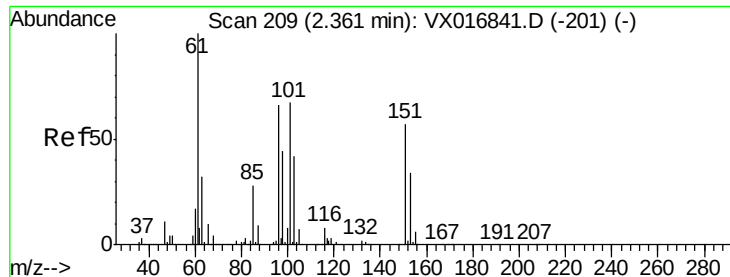


#8

Diethyl Ether
Concen: 20.159 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41598		
45	92.0	45.3	135.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.211 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

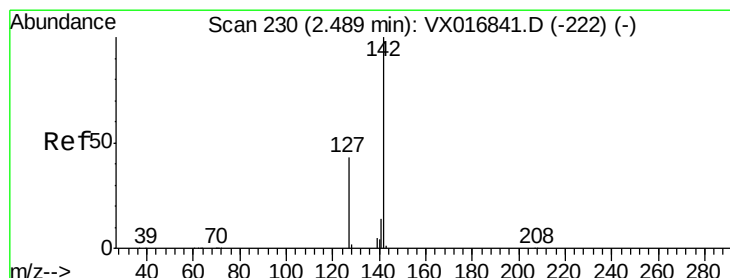
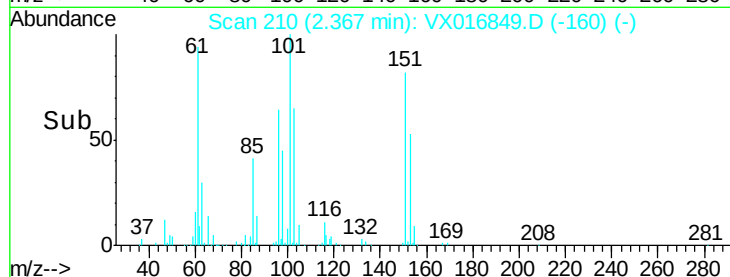
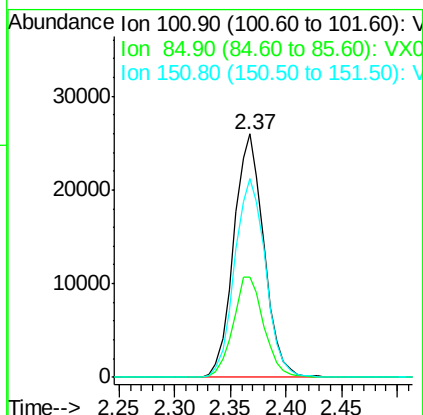
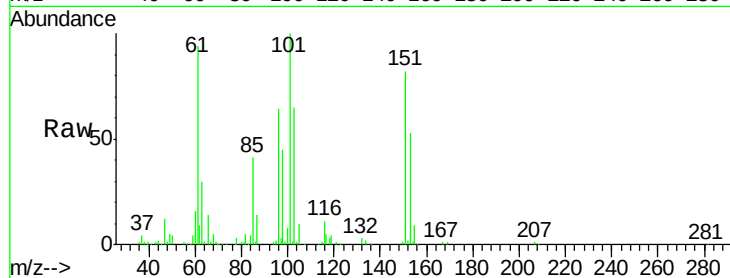
ClientSampleId :

VX0618WBS01

Tot Ion:	101	Resp:	48654
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.3	51.5
151	83.9	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 18.417 ug/l

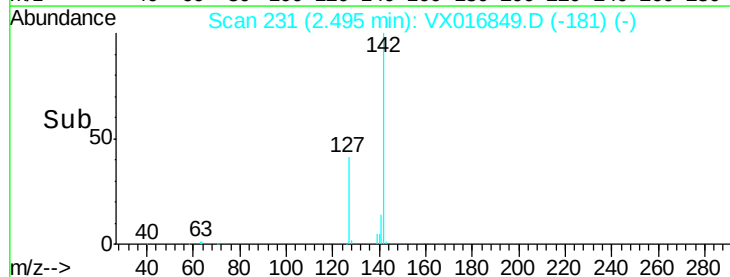
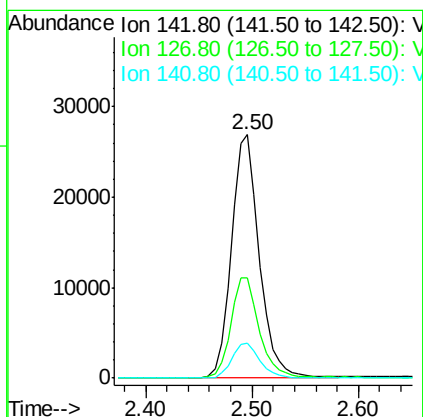
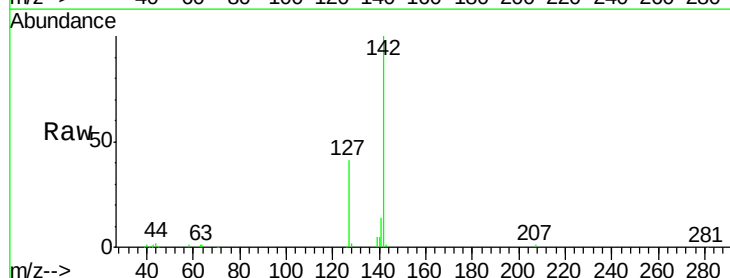
RT: 2.50 min Scan# 231

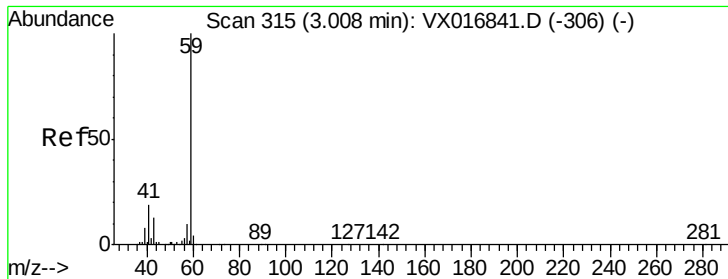
Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	142	Resp:	49565
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.1	52.7
141	14.5	11.6	17.4





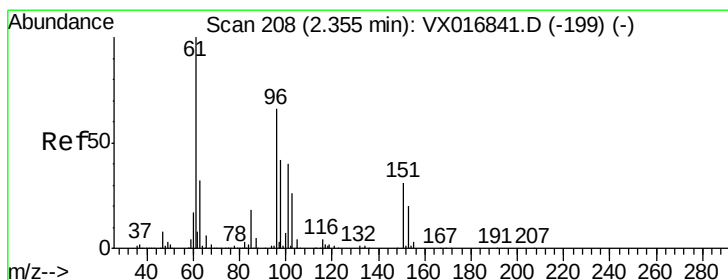
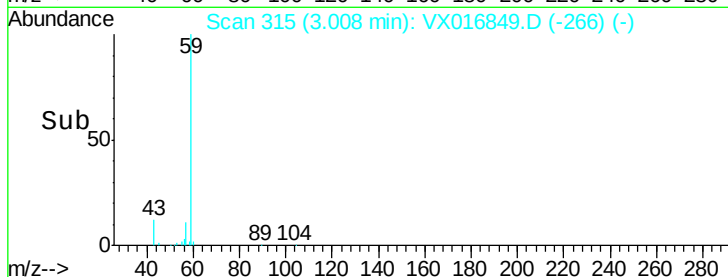
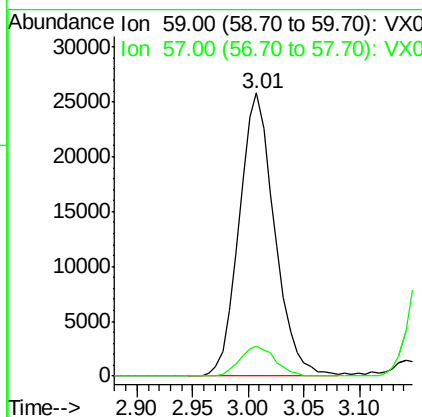
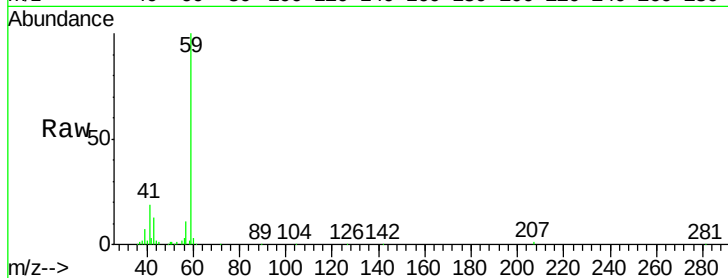
#11
Tert butyl alcohol
Concen: 103.506 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

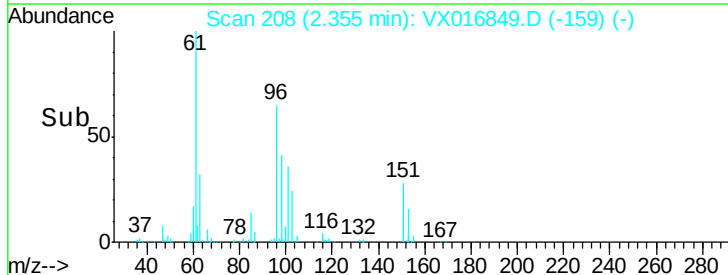
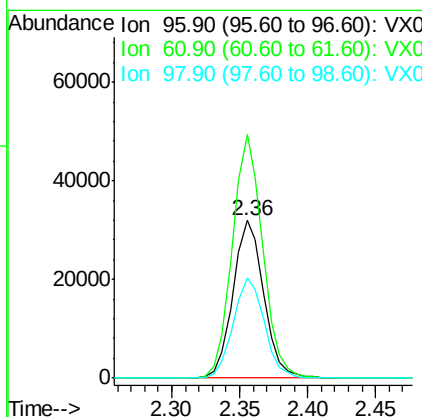
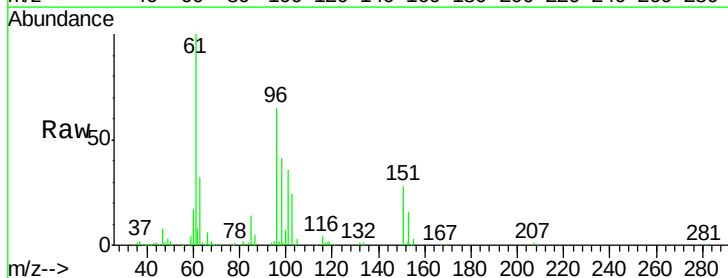
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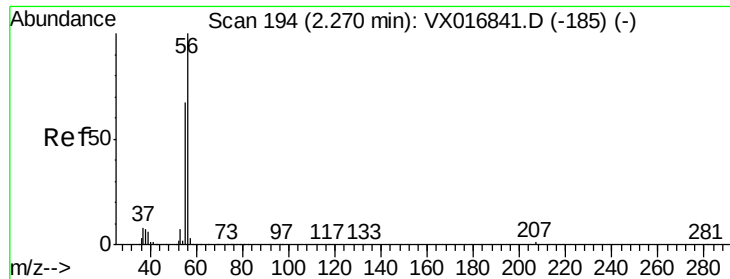
MMDadoda
6/19/2020 12:50:20 PM



#12
1,1-Dichloroethene
Concen: 17.426 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	121.7	182.5
98	63.3	51.1	76.7





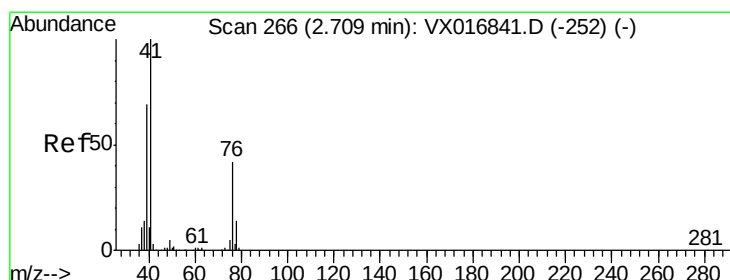
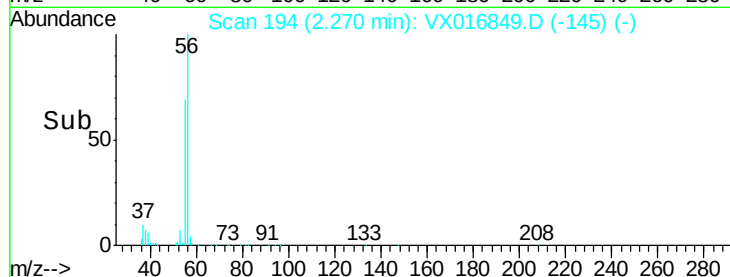
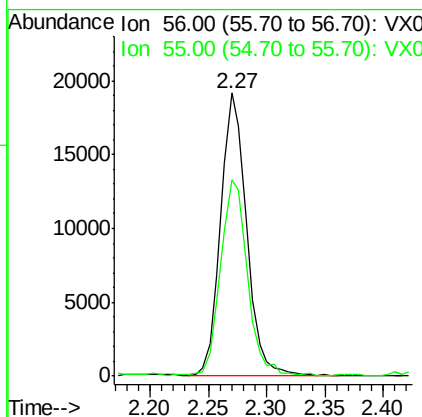
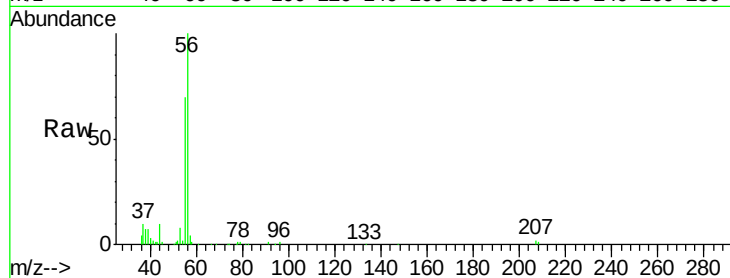
#13
Acrolein
Concen: 89.273 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.0	55.7	83.5

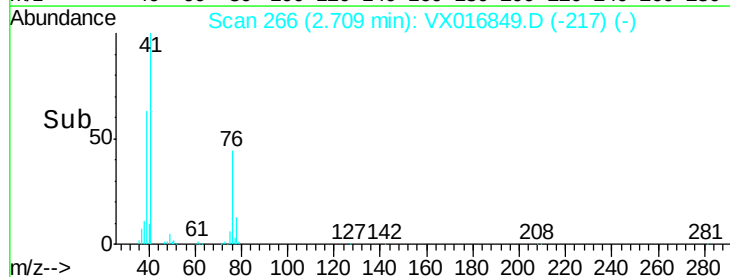
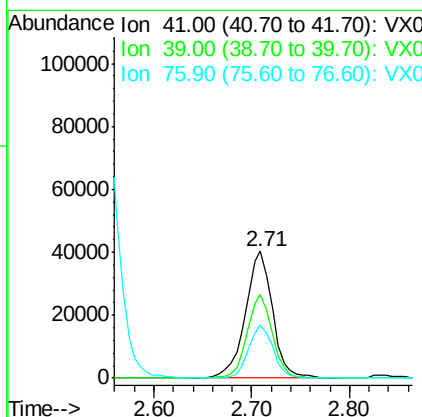
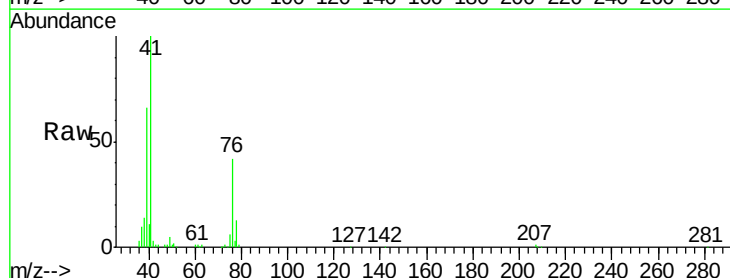
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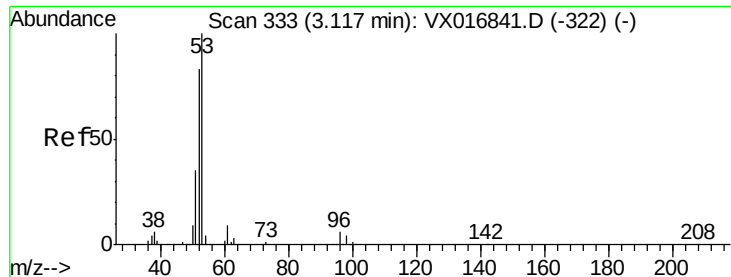
MMDadoda
6/19/2020 12:50:20 PM



#14
Allyl chloride
Concen: 20.381 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.0	50.7	76.1
76	76	37.7	30.9	46.3





#15

Acrylonitrile

Concen: 105.311 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

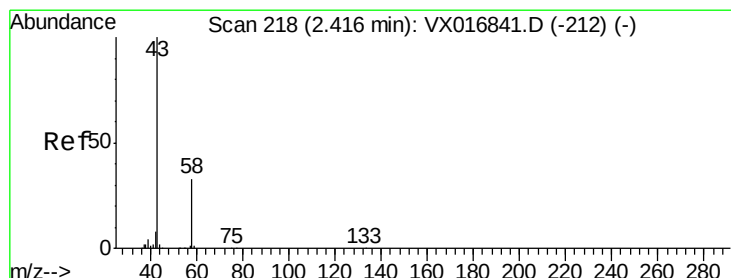
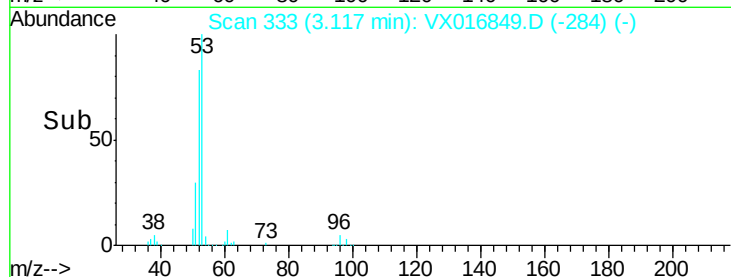
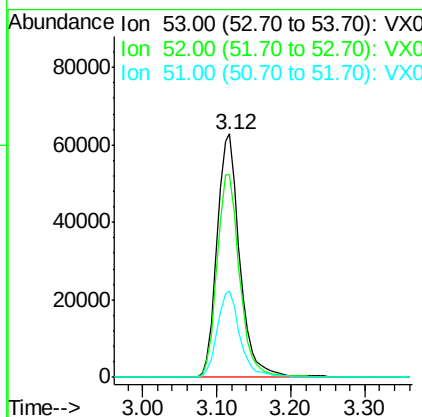
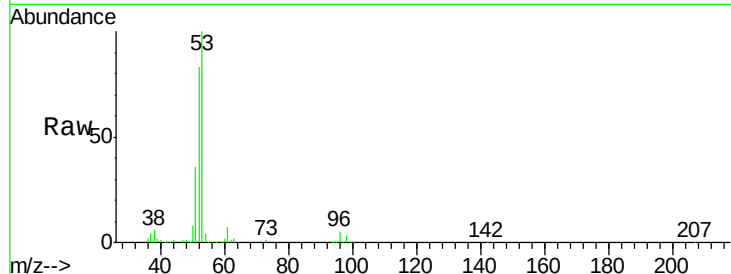
ClientSampleId :

VX0618WBS01

Tot Ion:	53	Resp:	132726
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.2
51	35.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 88.893 ug/l

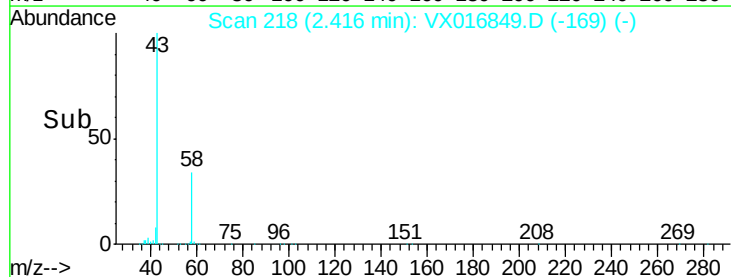
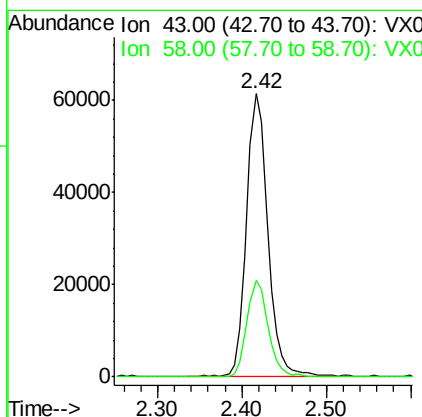
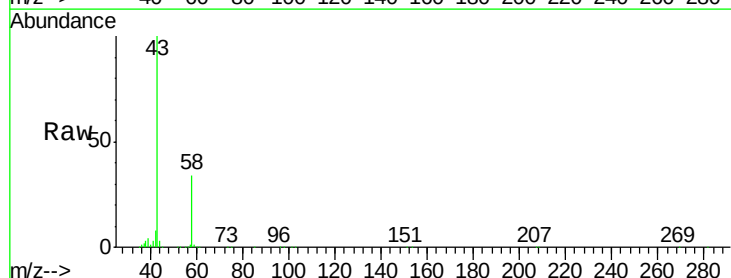
RT: 2.42 min Scan# 218

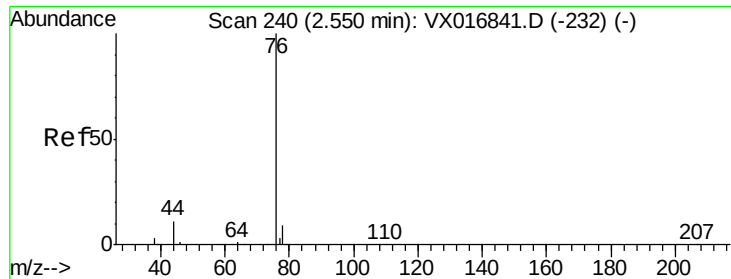
Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	43	Resp:	104984
Ion Ratio	Lower	Upper	
43	100		
58	34.0	26.6	39.8





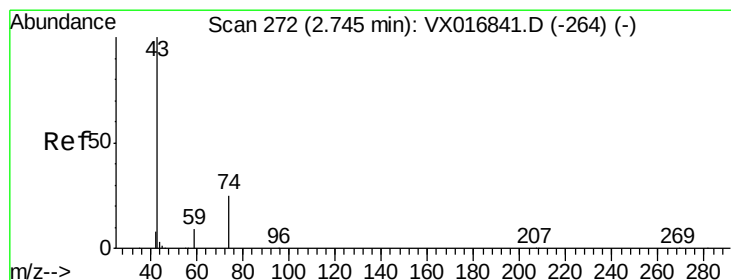
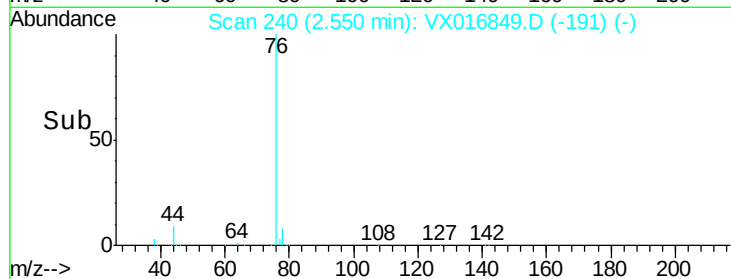
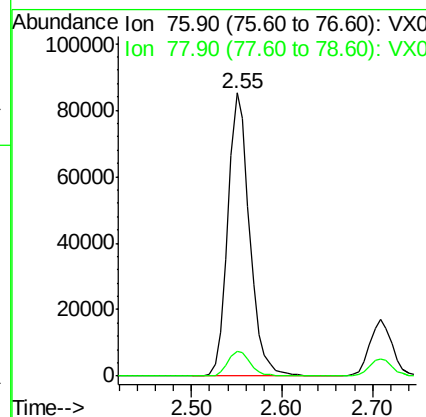
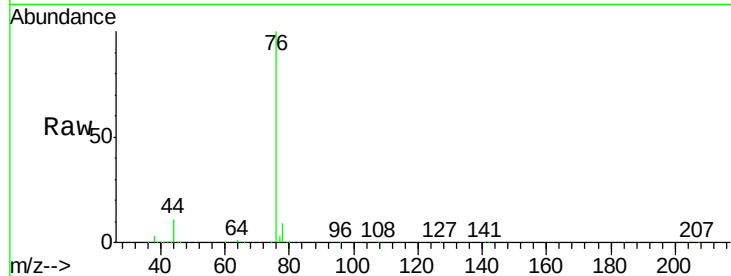
#17
Carbon Disulfide
Concen: 19.006 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

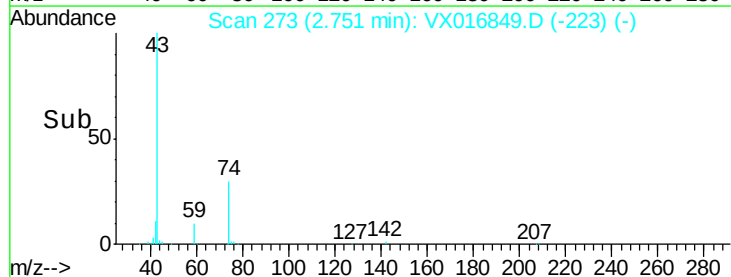
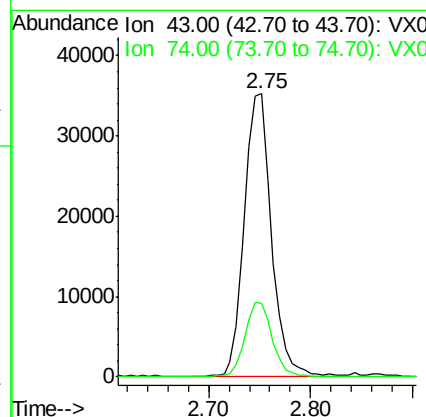
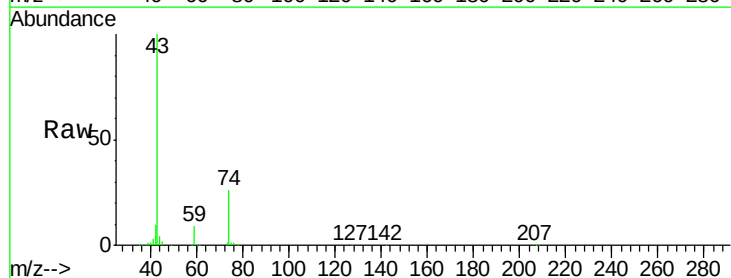
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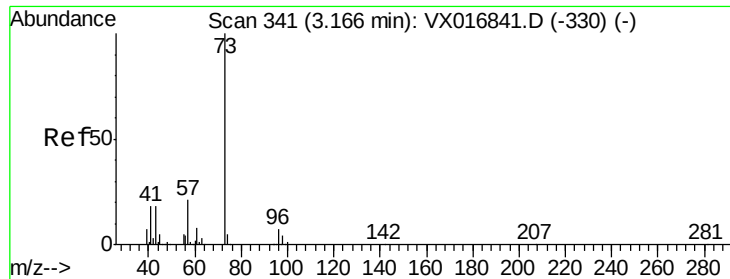
MMDadoda
6/19/2020 12:50:20 PM



#18
Methyl Acetate
Concen: 21.796 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	21.8	32.8





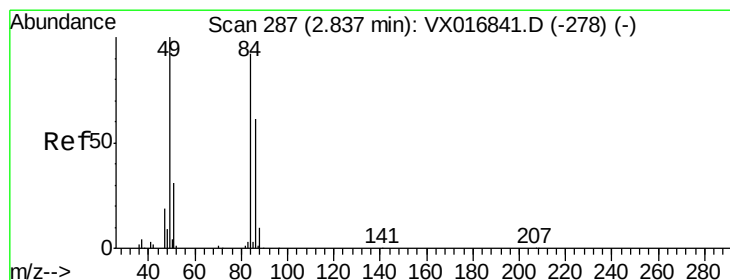
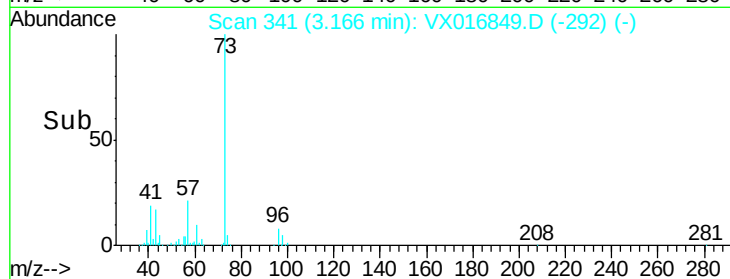
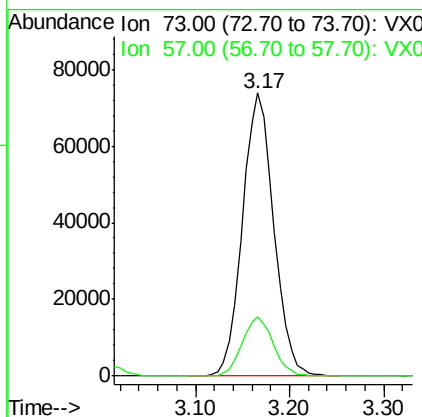
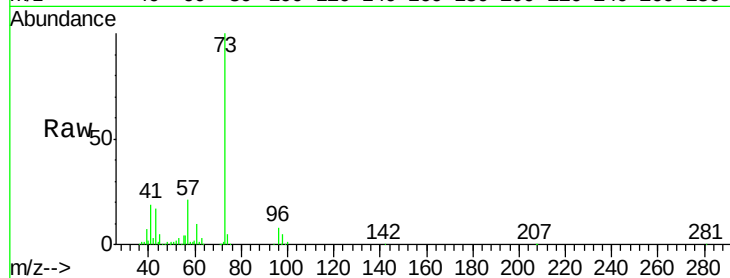
#19
Methyl tert-butyl Ether
Concen: 20.856 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	73	Resp	171816
Ion Ratio	100	Lower	Upper
73	100		
57	20.8	16.9	25.3

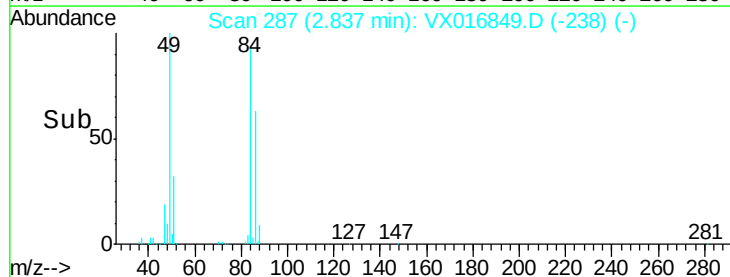
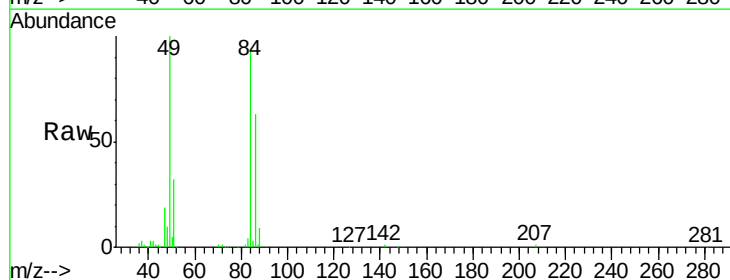
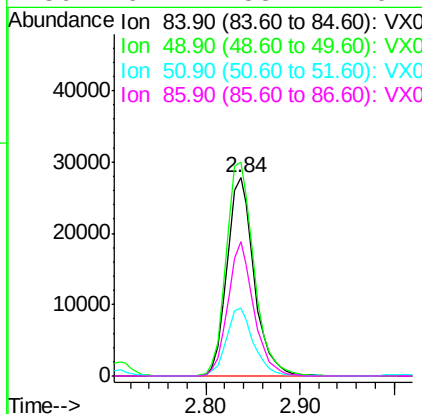
Manual Integrations
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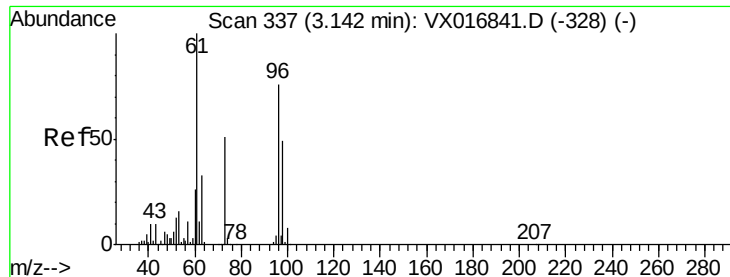
MMDadoda
6/19/2020 12:50:20 PM



#20
Methylene Chloride
Concen: 19.543 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	84	Resp	55348
Ion Ratio	100	Lower	Upper
84	100		
49	107.7	86.6	129.8
51	34.4	27.1	40.7
86	67.7	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 20.013 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

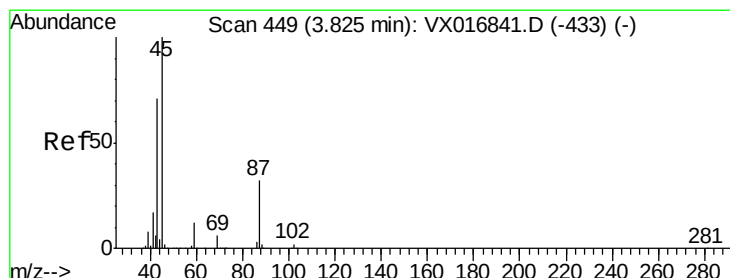
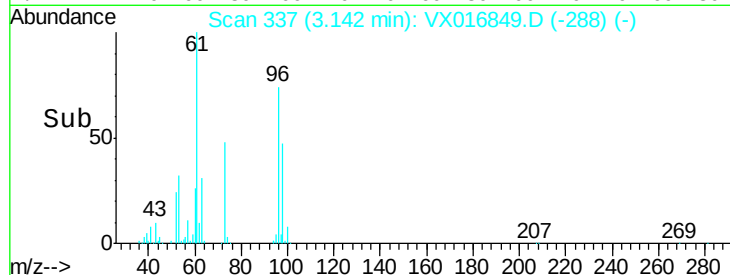
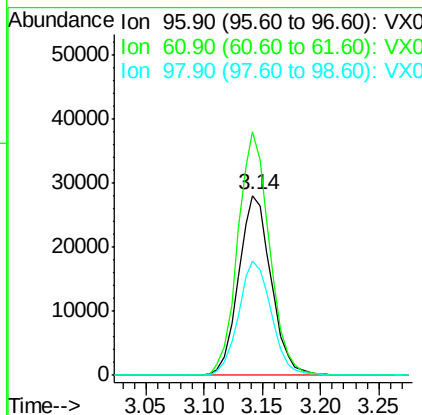
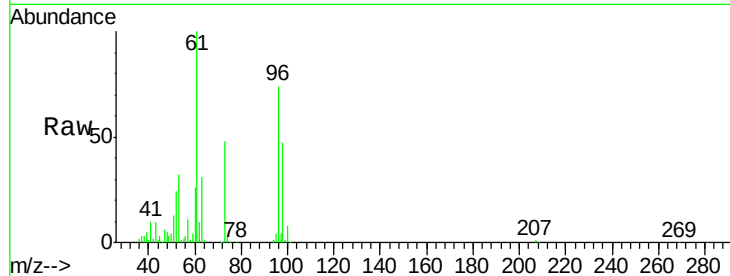
ClientSampleId :

VX0618WBS01

Tot Ion:	96	Resp:	54609
Ion	Ratio	Lower	Upper
96	100		
61	135.5	105.4	158.0
98	63.9	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.790 ug/l

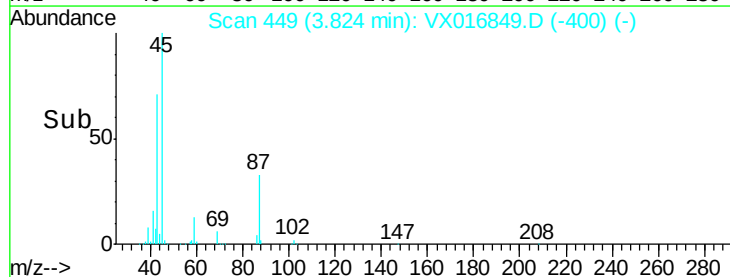
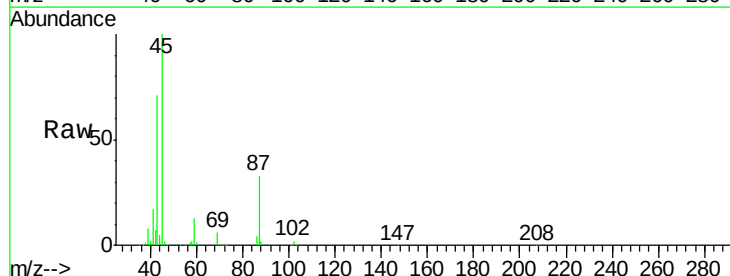
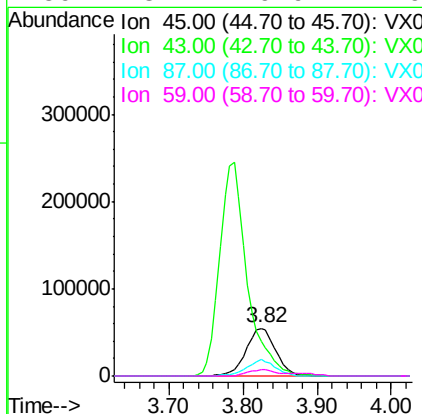
RT: 3.82 min Scan# 449

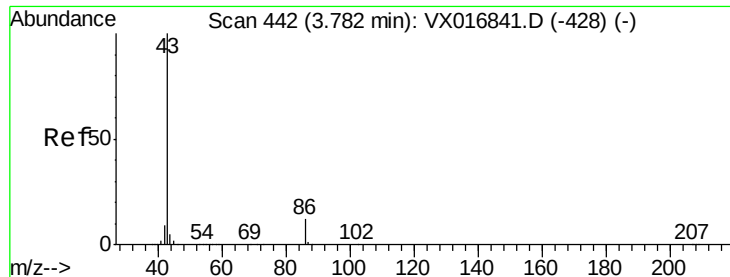
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	45	Resp:	152309
Ion	Ratio	Lower	Upper
45	100		
43	71.1	57.0	85.4
87	33.5	25.2	37.8
59	13.4	9.9	14.9





#23

Vinyl Acetate

Concen: 104.559 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion: 43 Resp: 631632

Ion Ratio Lower Upper

43 100

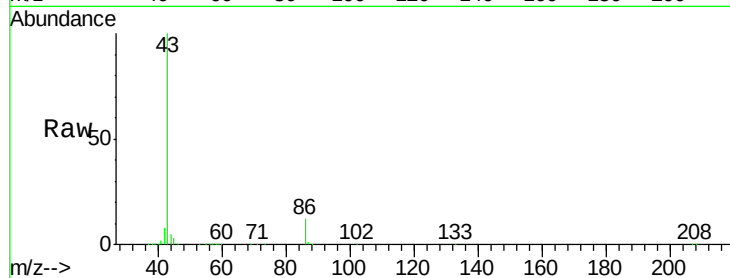
86 12.2 9.9 14.9

Manual Integrations

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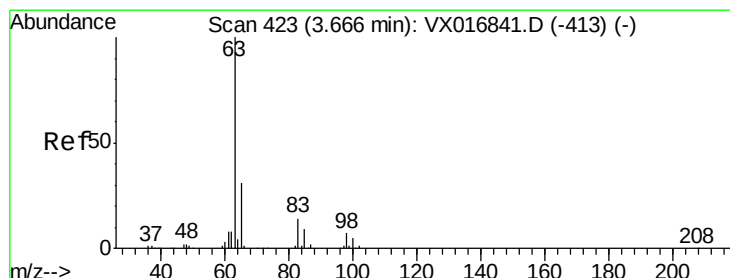
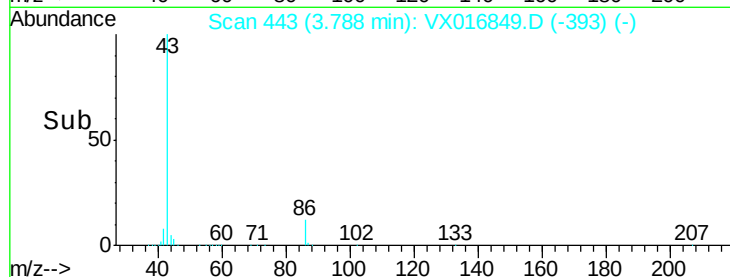
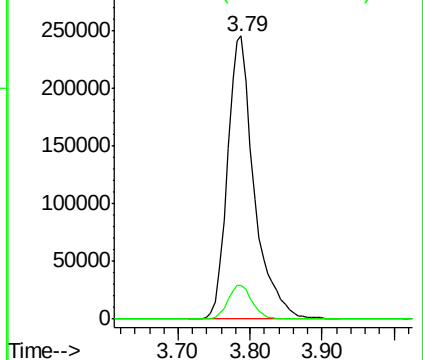
MMDadoda

6/19/2020 12:50:20 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.286 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

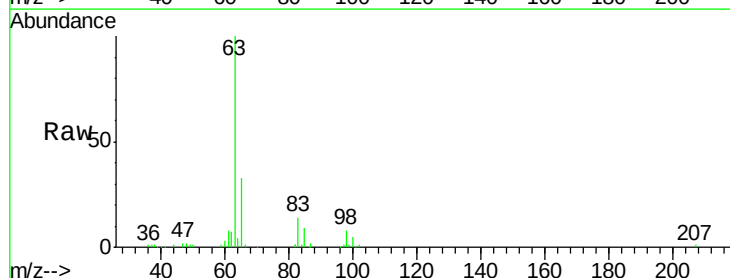
Tgt Ion: 63 Resp: 92831

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

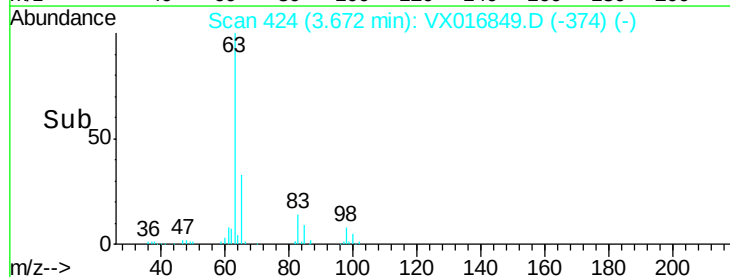
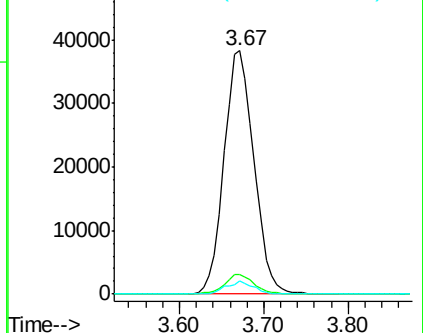
100 5.2 2.4 7.1

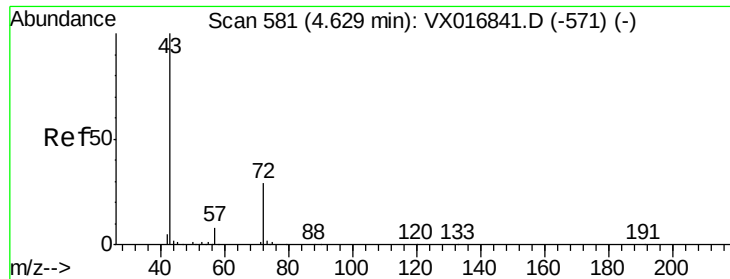


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





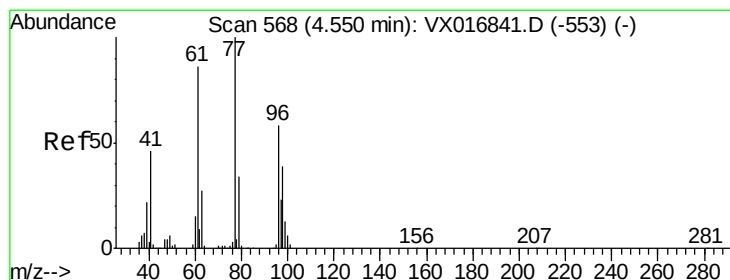
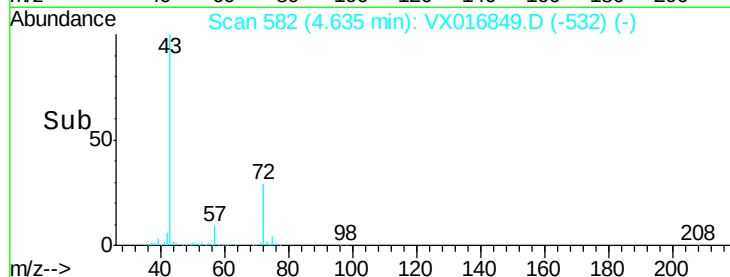
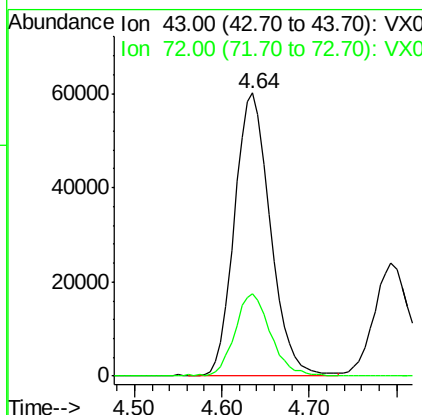
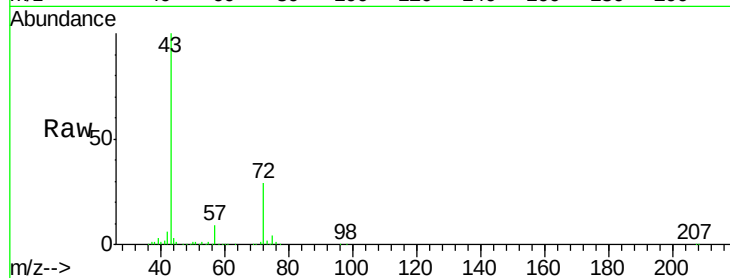
#25
2-Butanone
Concen: 105.030 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion: 43 Resp: 170713
Ion Ratio Lower Upper
43 100
72 28.9 23.5 35.3

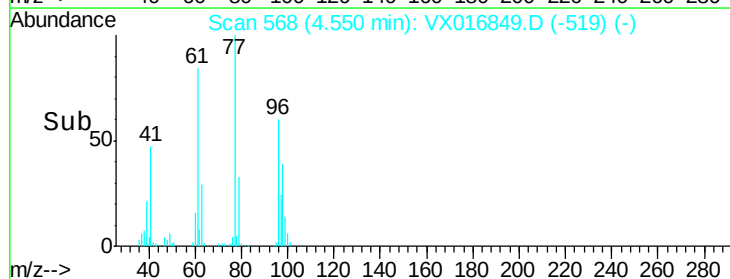
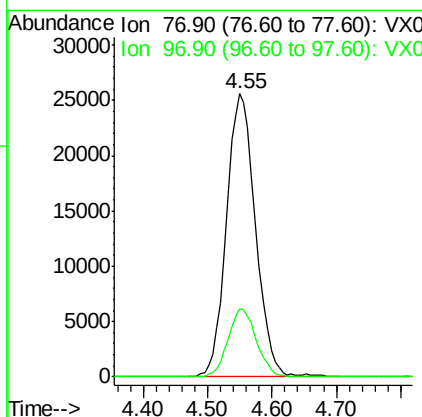
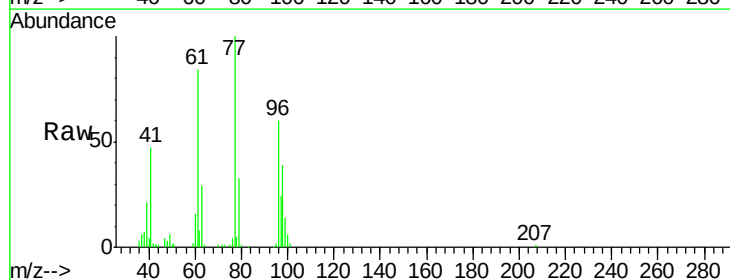
Manual Integrations
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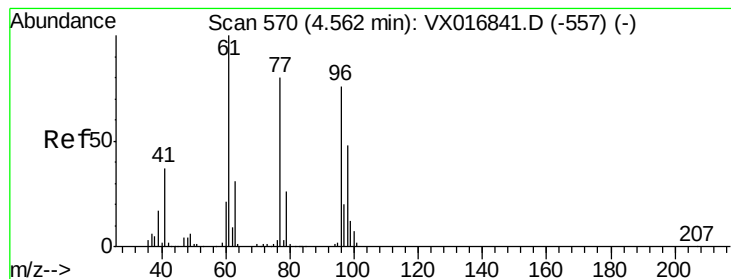
MMDadoda
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#26
2,2-Dichloropropane
Concen: 18.828 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 77 Resp: 80724
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7





#27

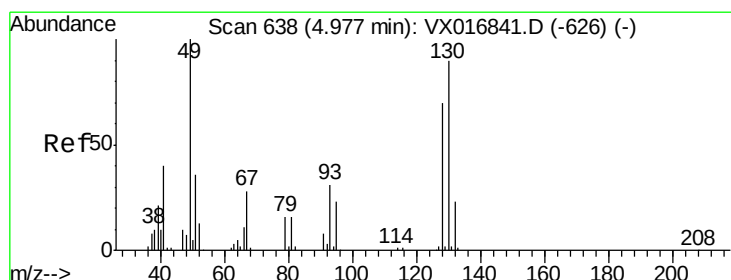
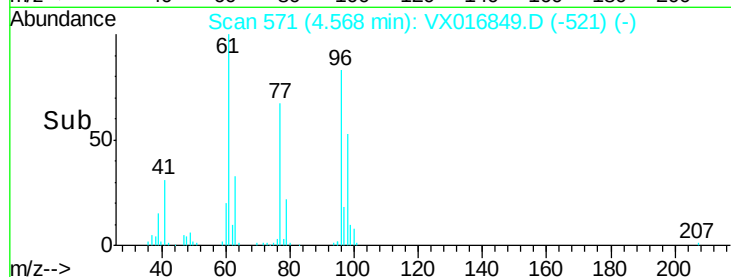
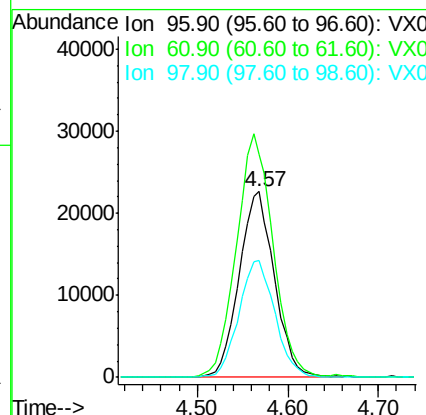
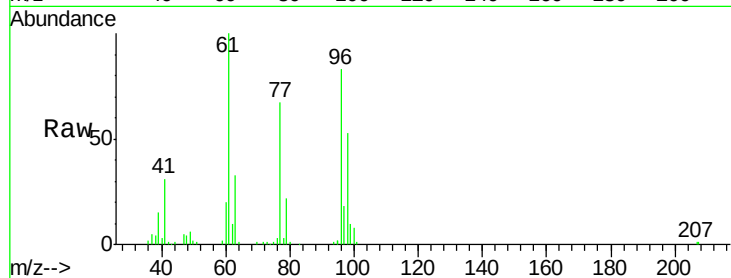
cis-1,2-Dichloroethene
Concen: 19.827 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60810		
61	136.7	0.0	273.8	
98	64.5	0.0	129.0	

Manual Integrations
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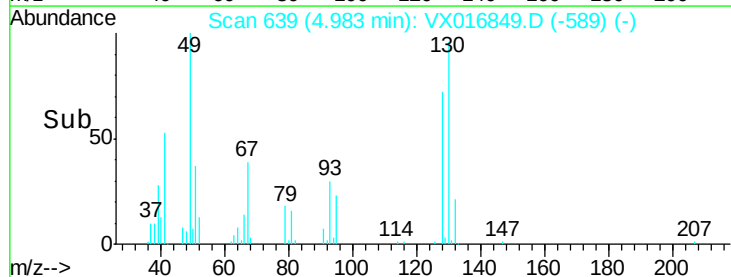
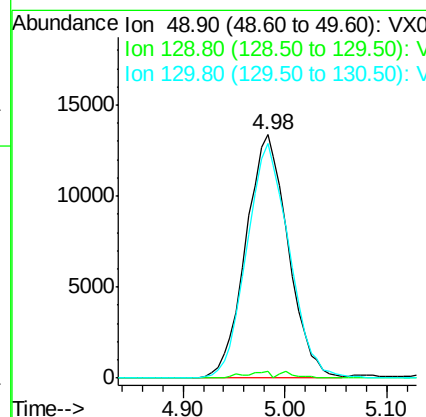
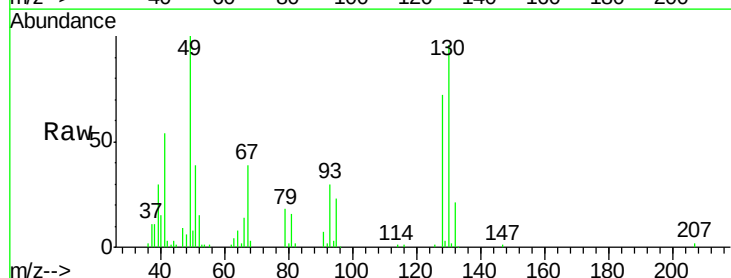
MMDadoda
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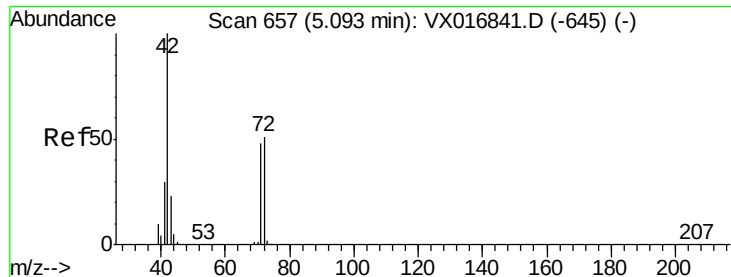


#28

Bromochloromethane
Concen: 20.363 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	38676		
129	1.5	0.0	5.0	
130	96.5	76.8	115.2	





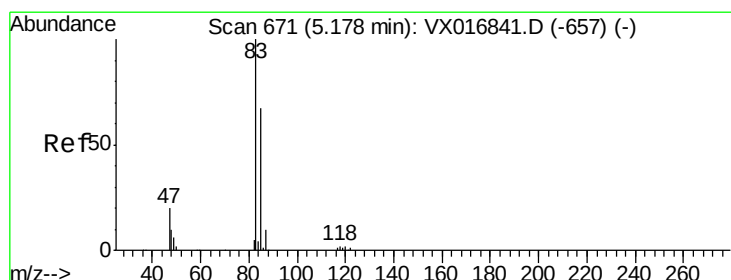
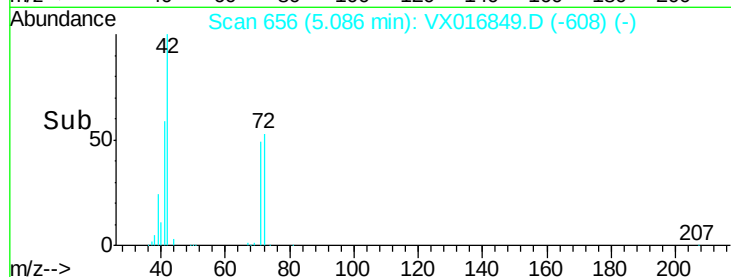
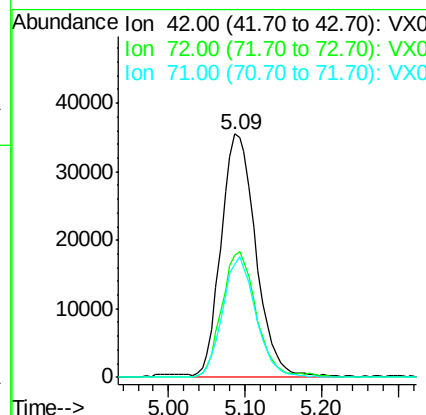
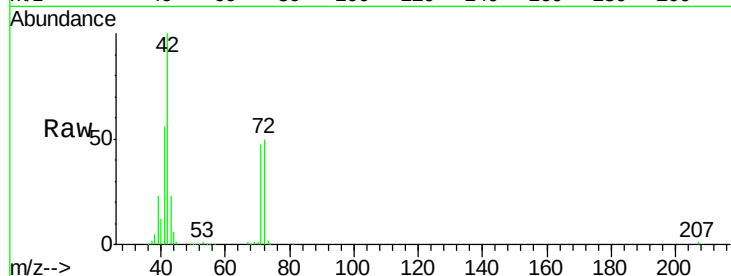
#29
Tetrahydrofuran
Concen: 108.482 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.1	61.7
71	47.9	38.4	57.6

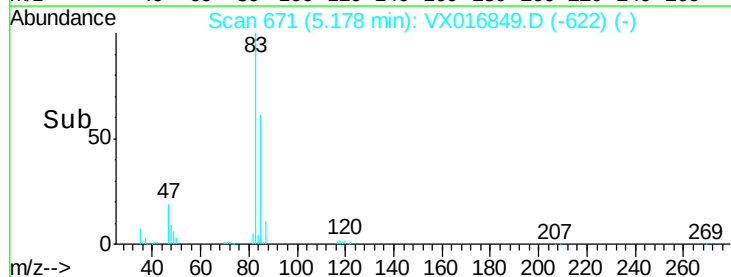
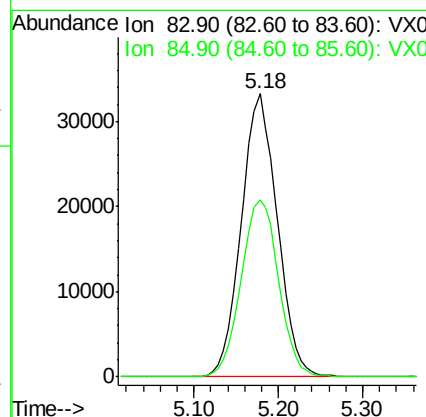
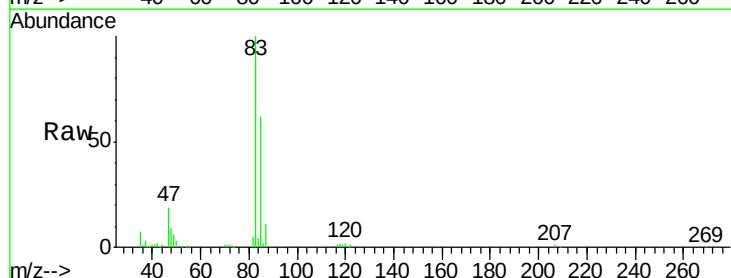
Manual Integrations
APPROVED

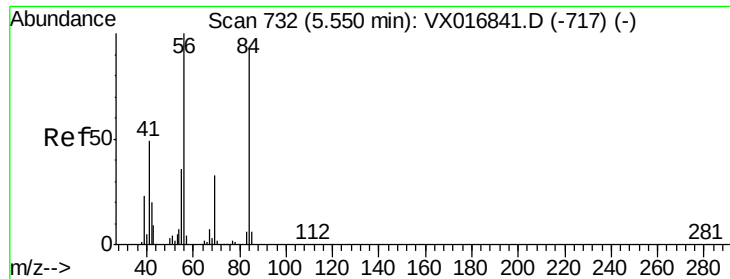
MMDadoda
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#30
Chloroform
Concen: 19.933 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.4	80.0





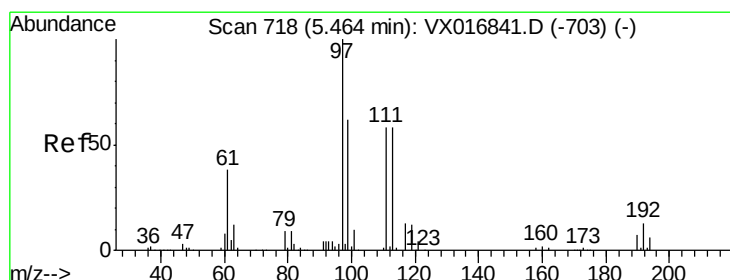
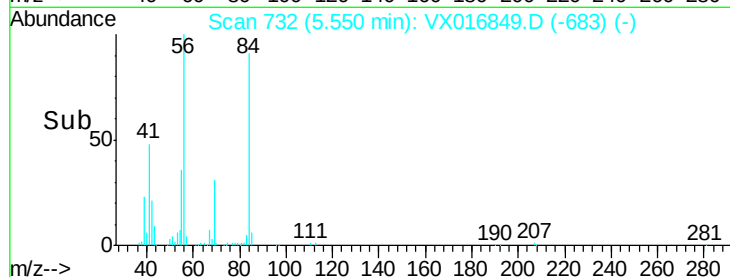
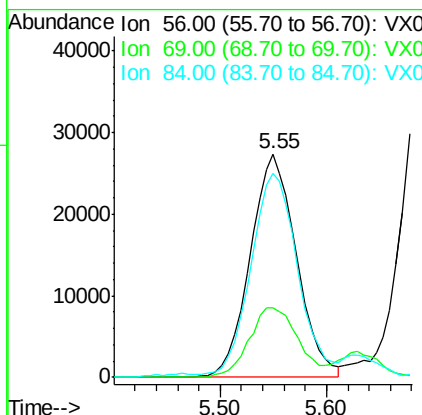
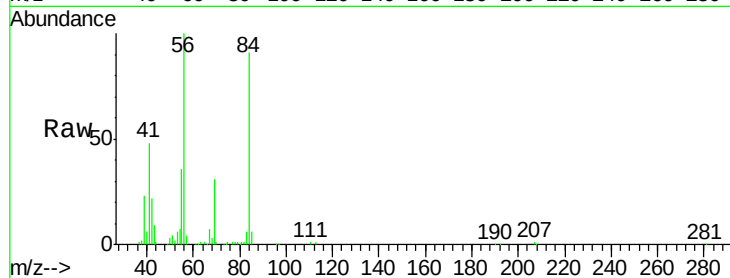
#31
Cyclohexane
Concen: 20.592 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.1	39.1
84	89.8	73.0	109.6

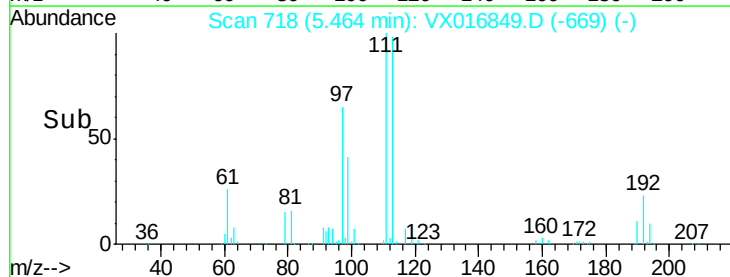
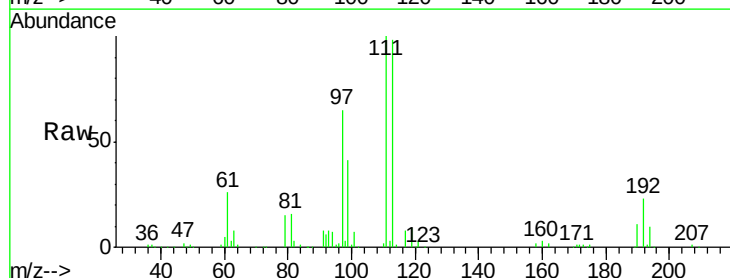
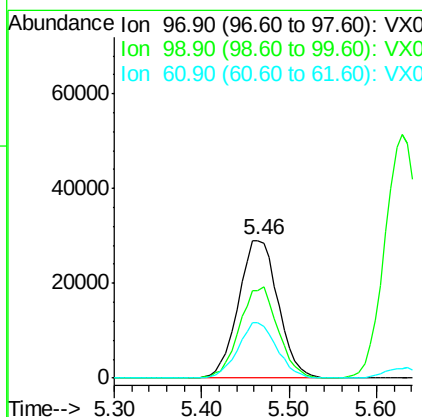
Manual Integrations
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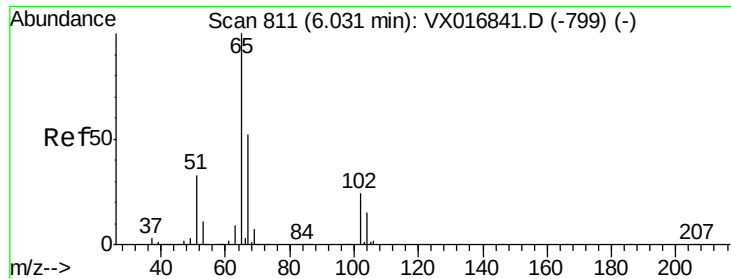
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.096 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	39.3	31.3	46.9





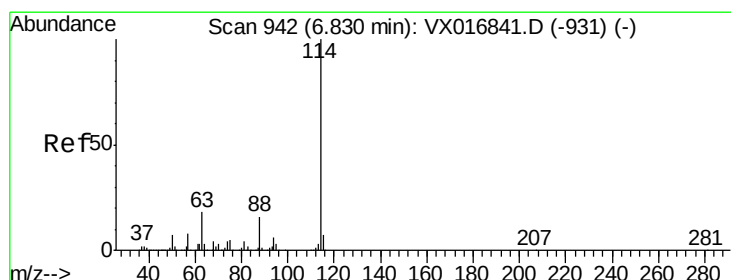
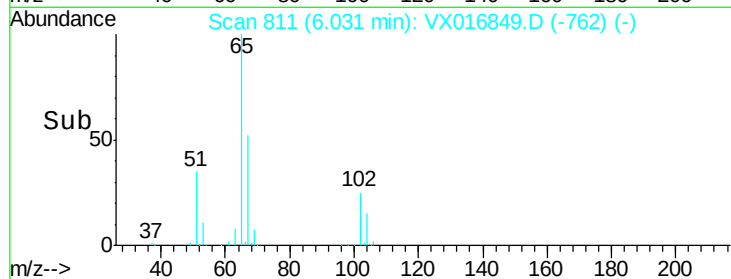
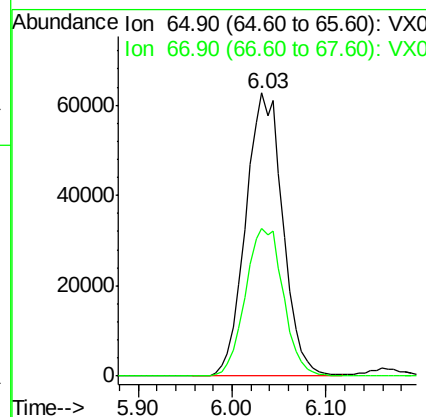
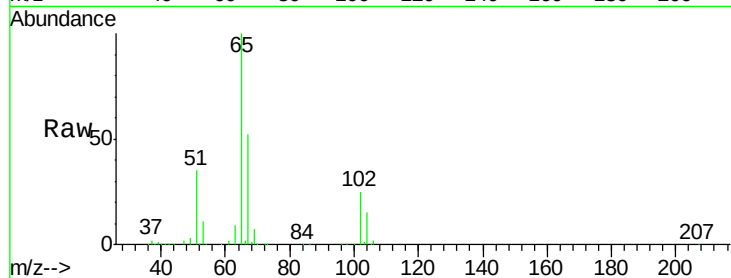
#33
 1,2-Dichloroethane-d4
 Concen: 53.276 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173325		
67	53.3	0.0	102.6	

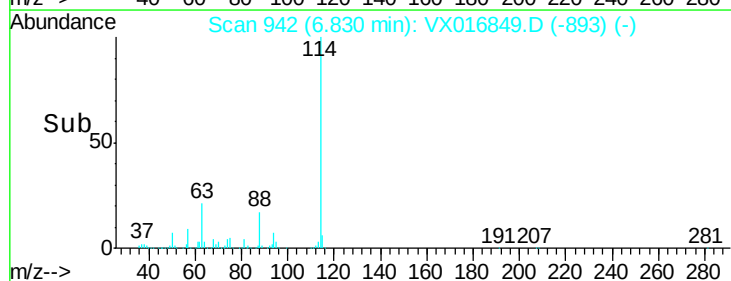
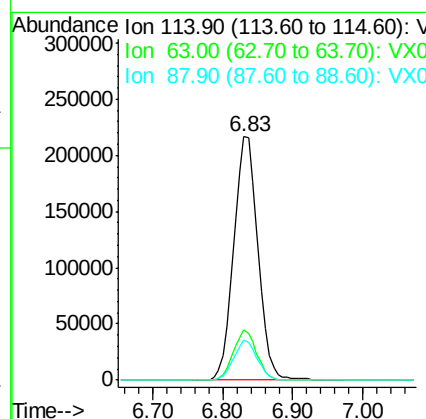
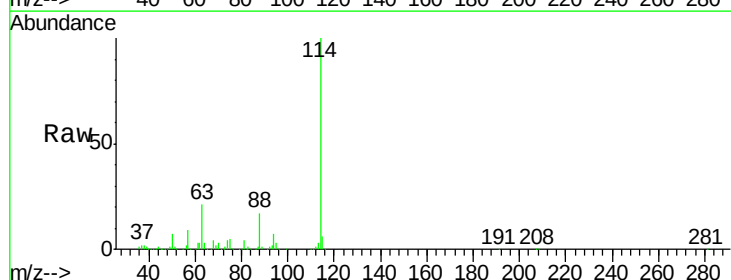
Manual Integrations
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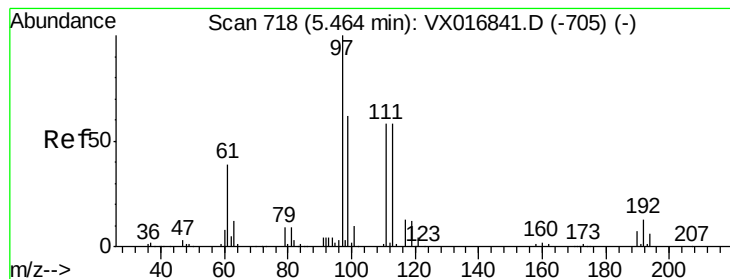
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	521022		
63	20.6	0.0	37.0	
88	16.7	0.0	32.0	





#35

Dibromofluoromethane

Concen: 38.418 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

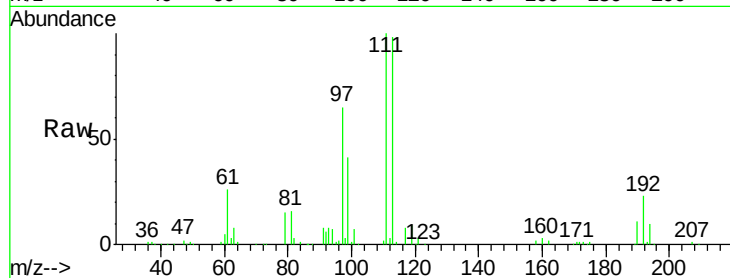
ClientSampleId :

VX0618WBS01

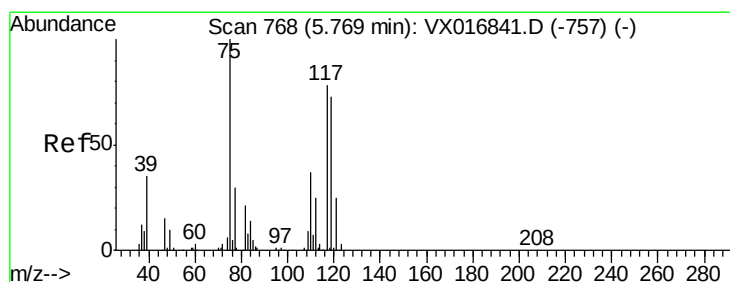
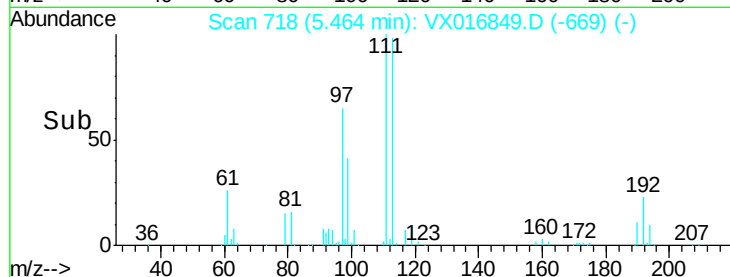
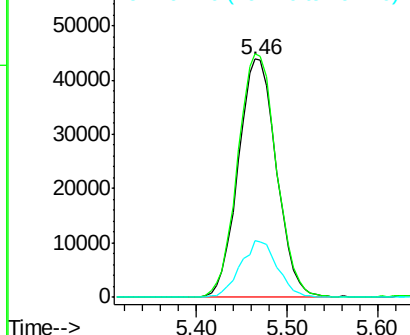
Tot Ion:	113	Resp:	128046
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.0	121.4
192	23.1	18.5	27.7

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.802 ug/l

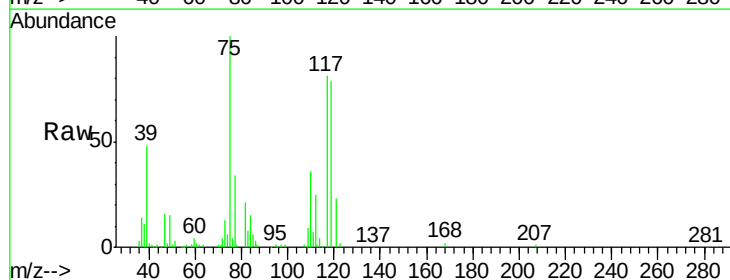
RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

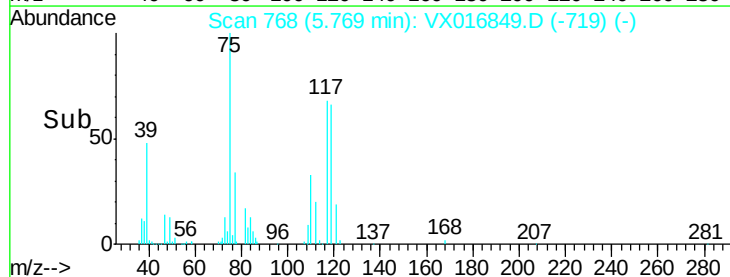
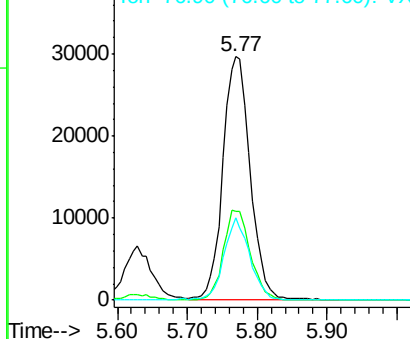
Lab File: VX016849.D

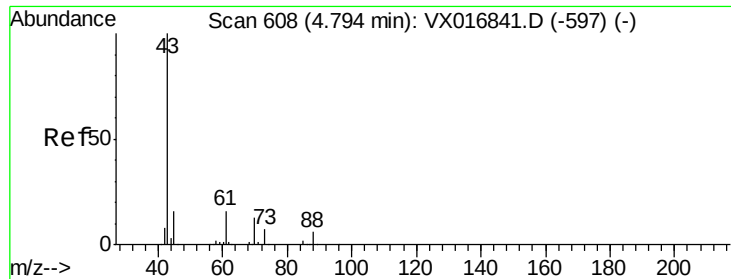
Acq: 18 Jun 2020 20:07

Tgt Ion:	75	Resp:	80830
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.9	56.9
77	31.5	25.6	38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





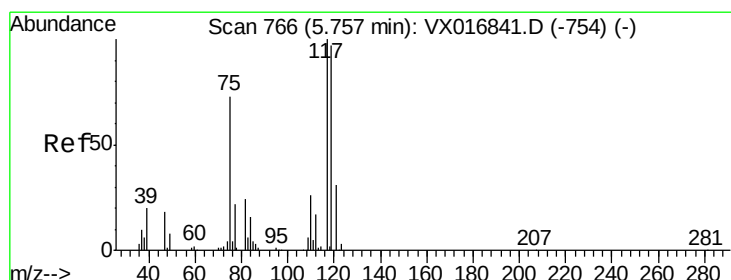
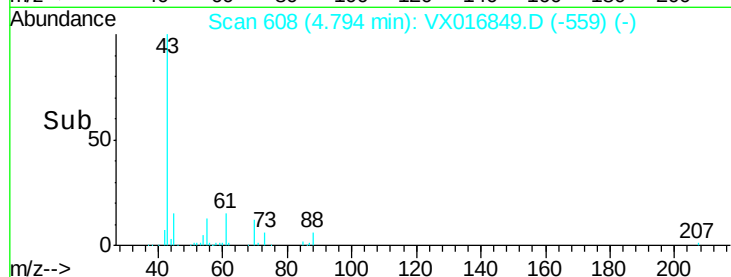
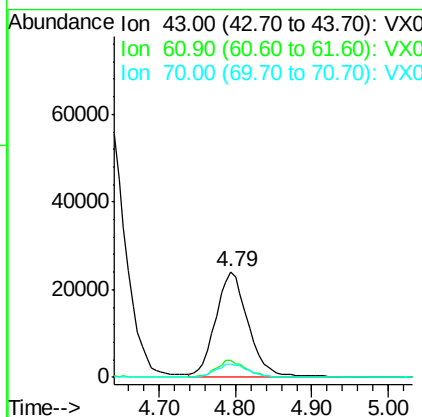
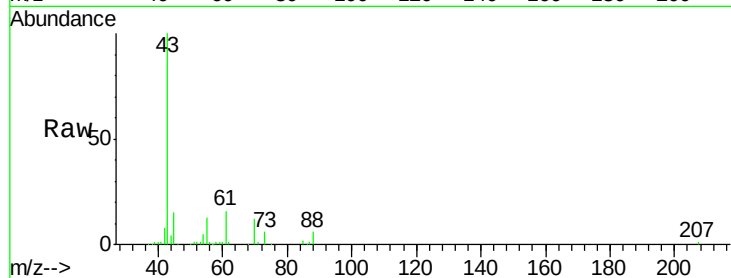
#37
Ethyl Acetate
Concen: 16.381 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	12.4	10.5	15.7

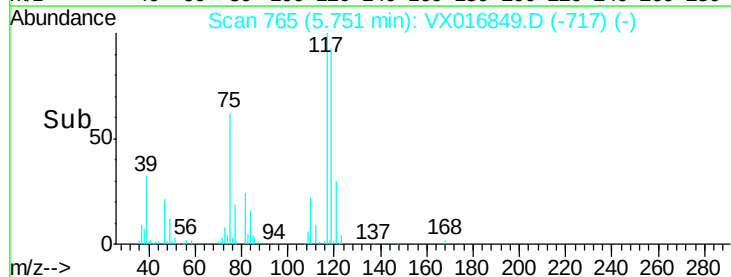
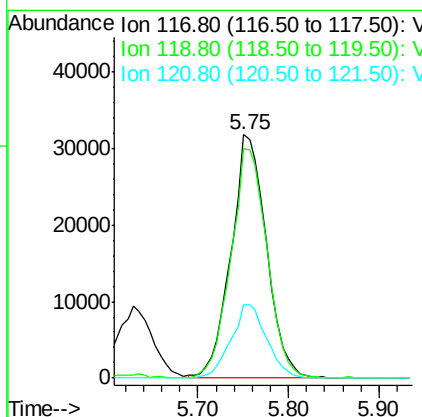
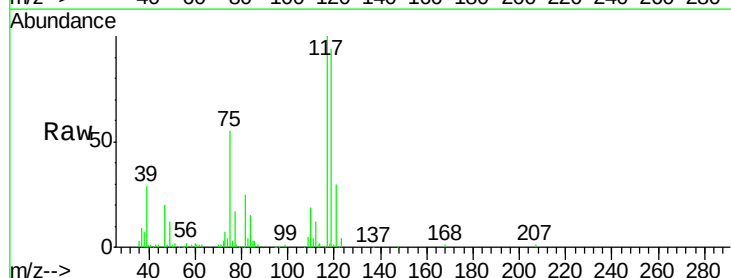
Manual Integrations
APPROVED

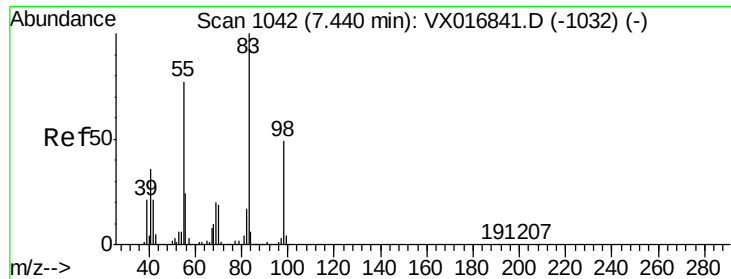
MMDadoda
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#38
Carbon Tetrachloride
Concen: 15.964 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.2
121	30.3	24.7	37.1





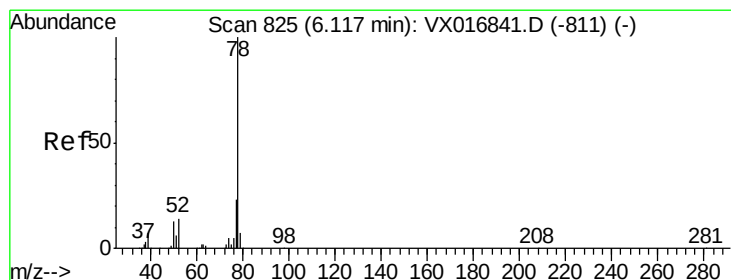
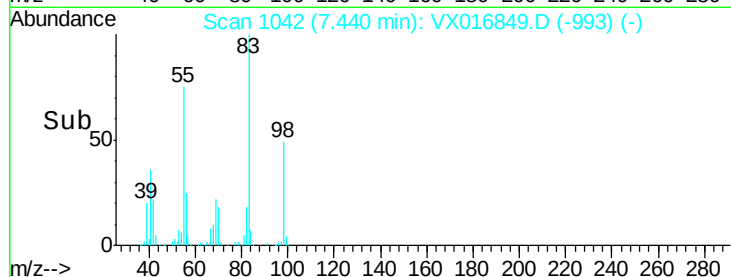
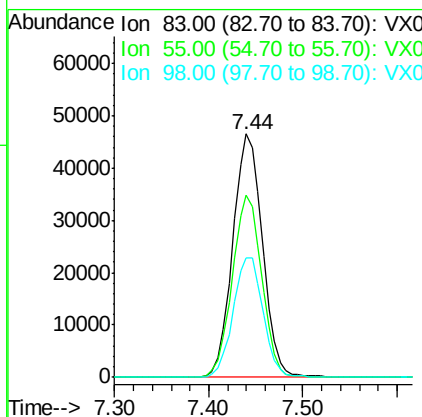
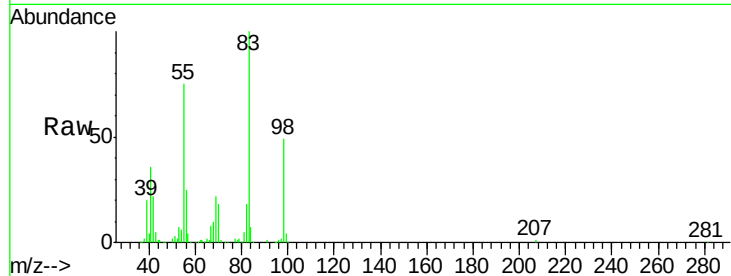
#39
Methylvlcyclohexane
Concen: 18.247 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	61.7	92.5
98	49.1	39.0	58.6

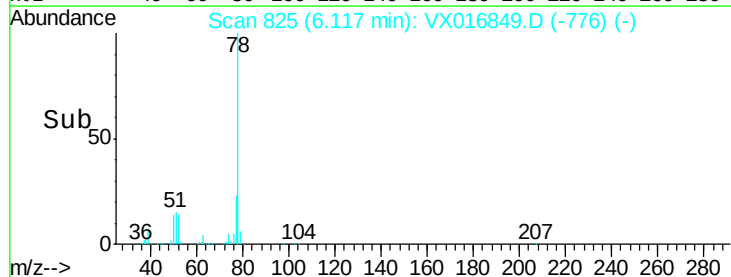
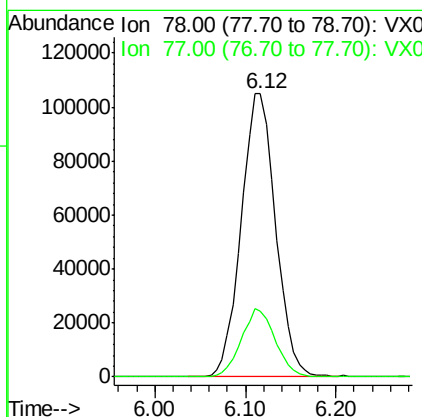
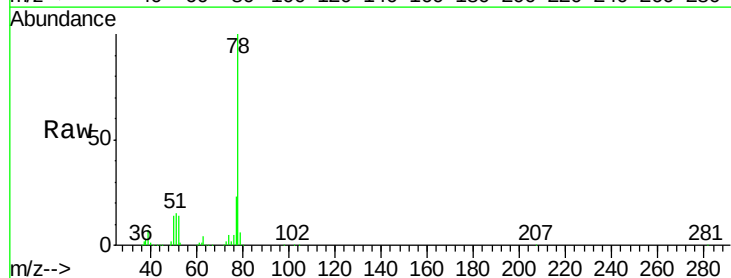
Manual Integrations
APPROVED

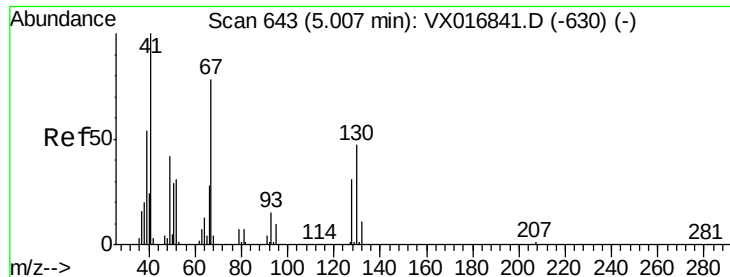
MMDadoda
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#40
Benzene
Concen: 19.112 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





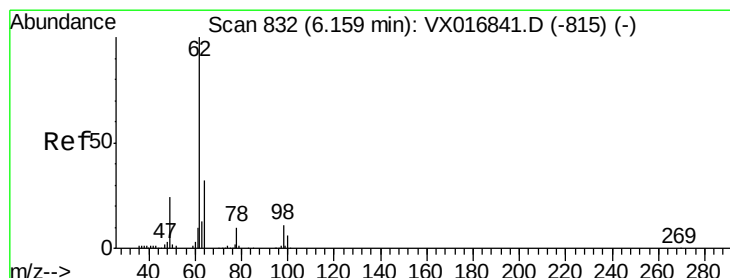
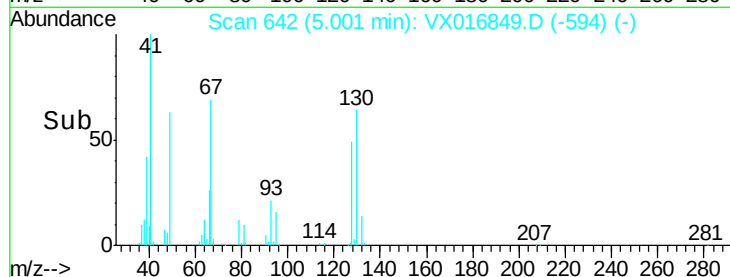
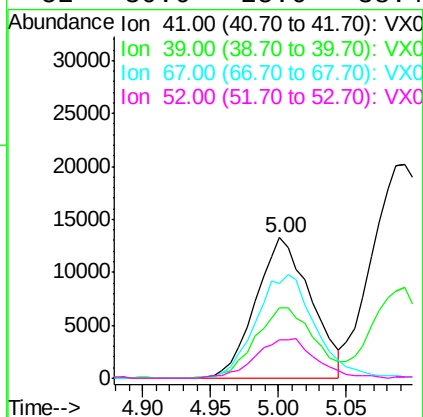
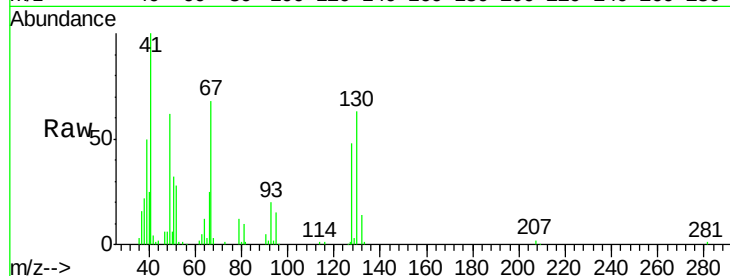
#41
Methacrylonitrile
Concen: 16.282 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	79.4	64.2	96.2
52	30.6	25.6	38.4

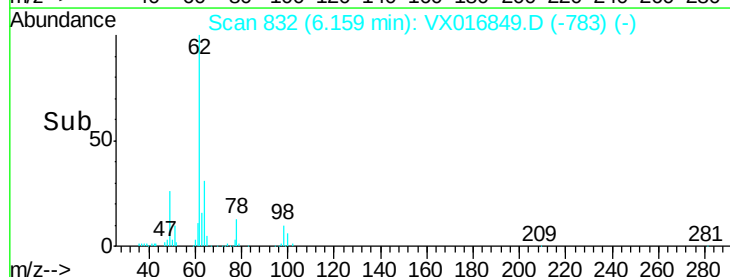
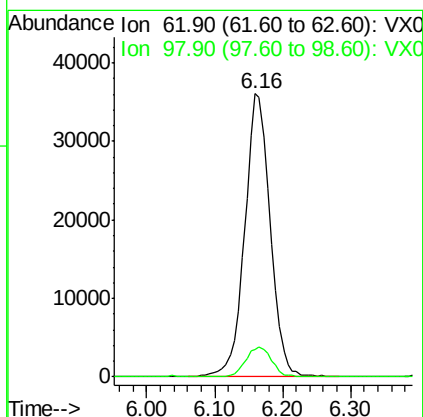
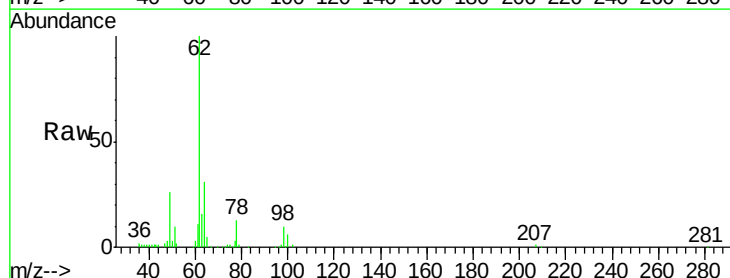
Manual Integrations
APPROVED

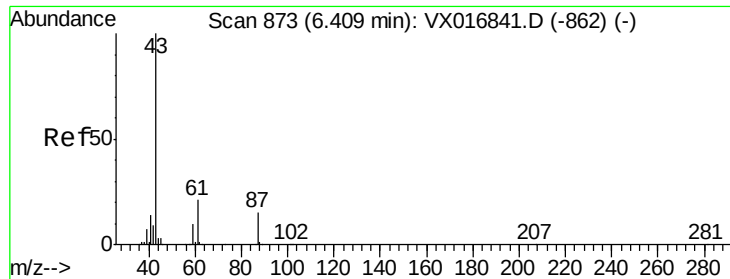
MMDadoda
6/19/2020 12:50:20 PM



#42
1,2-Dichloroethane
Concen: 18.377 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.028 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

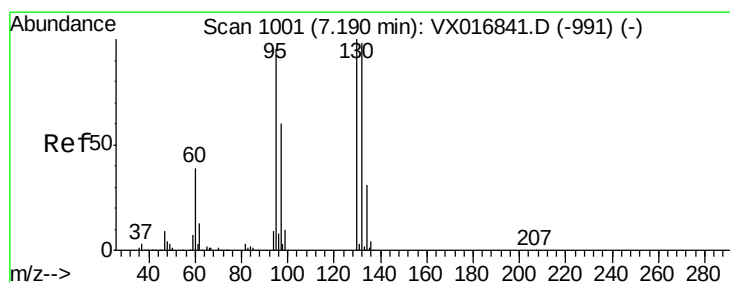
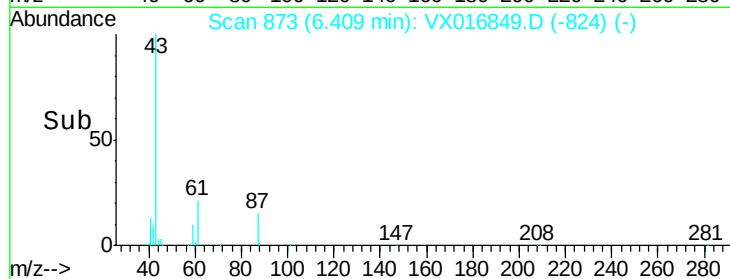
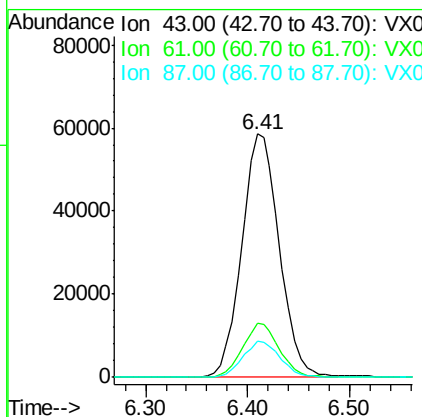
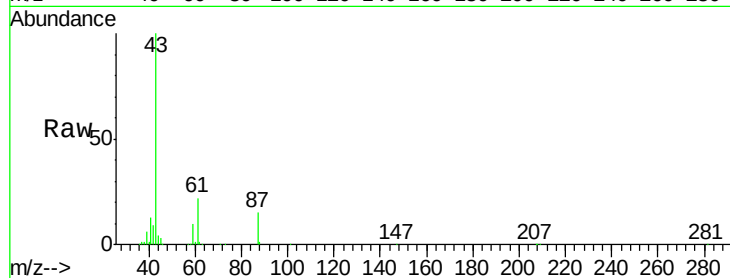
ClientSampleId :

VX0618WBS01

Tot Ion:	43	Resp:	148664
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.9	26.9
87	15.0	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.185 ug/l

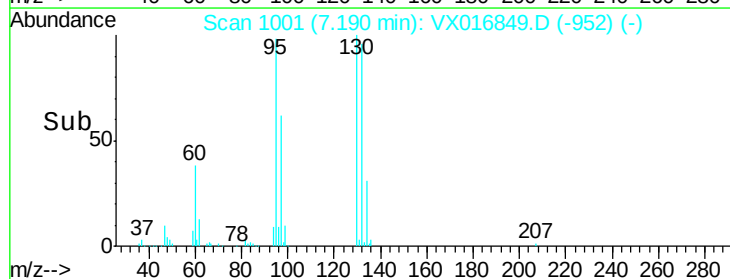
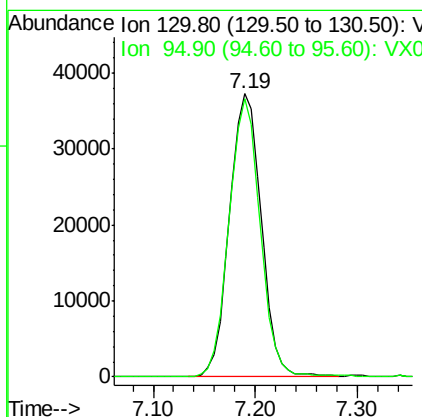
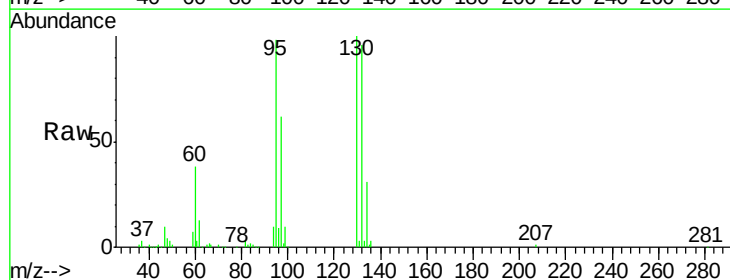
RT: 7.19 min Scan# 1001

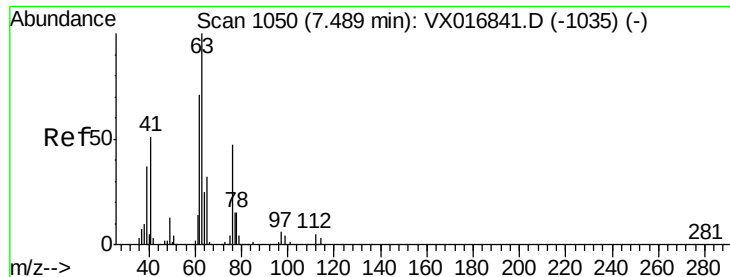
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	130	Resp:	80392
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 17.877 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampled :

VX0618WBS01

Tot Ion: 63 Resp: 64872

Ion Ratio Lower Upper

63 100

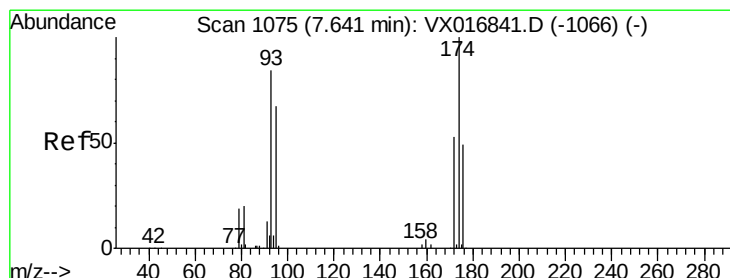
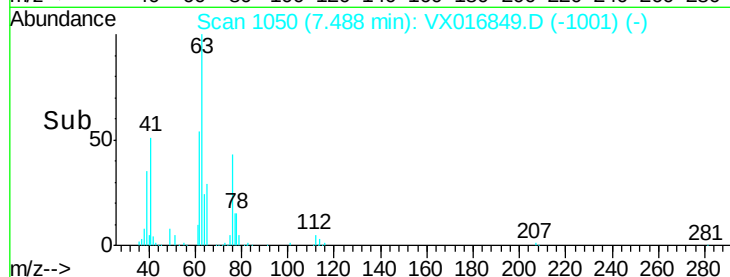
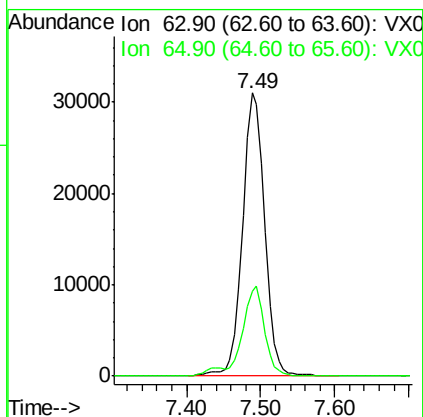
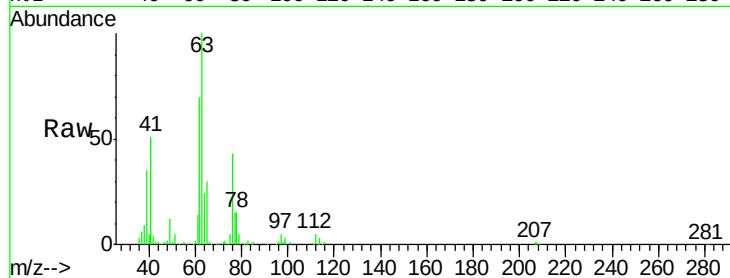
65 30.2 25.8 38.8

Manual Integrations

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#46

Dibromomethane

Concen: 16.599 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

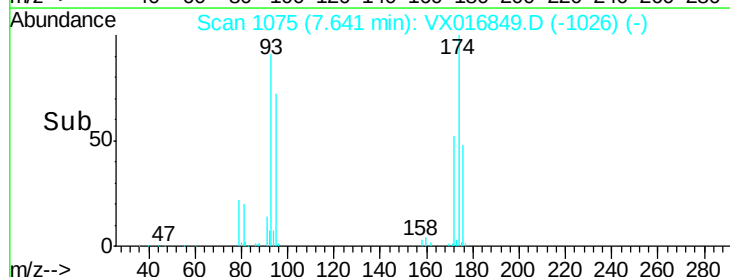
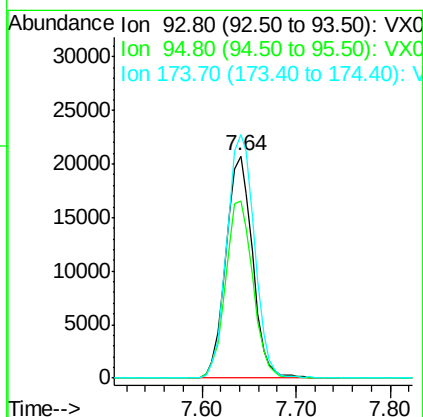
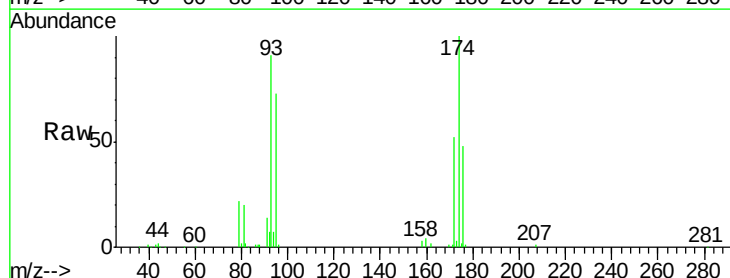
Tgt Ion: 93 Resp: 40849

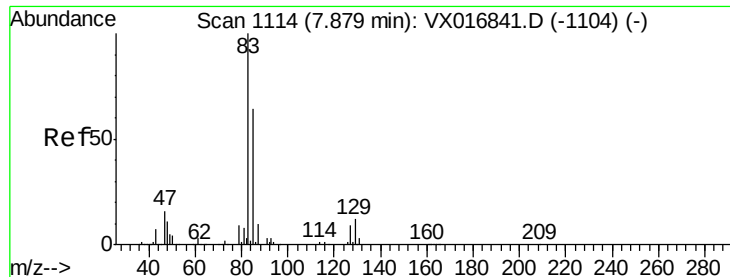
Ion Ratio Lower Upper

93 100

95 81.5 65.7 98.5

174 113.0 92.8 139.2





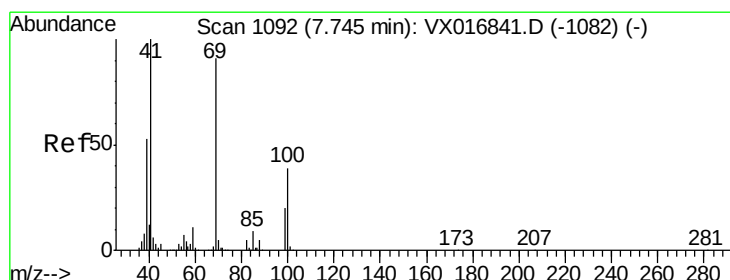
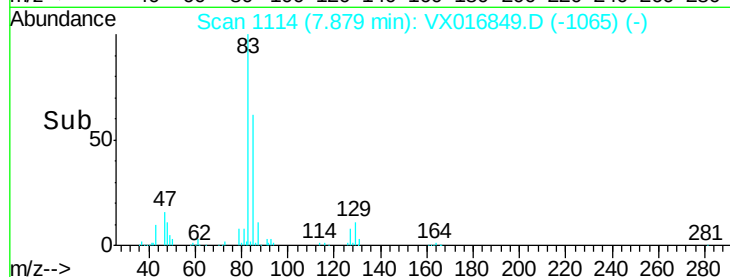
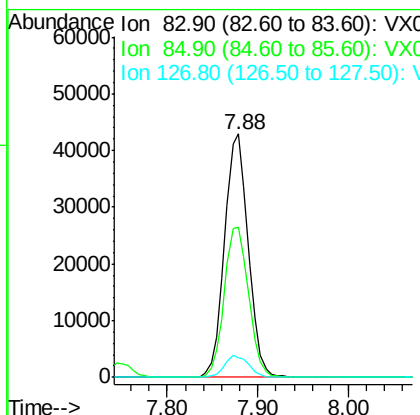
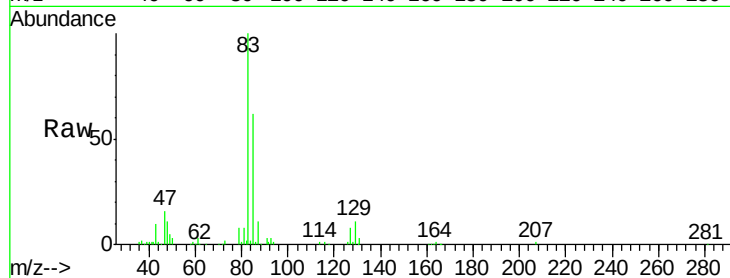
#47
Bromodichloromethane
Concen: 14.900 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	83	Resp	77986
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	50.9	76.3
127	8.1	7.4	11.0

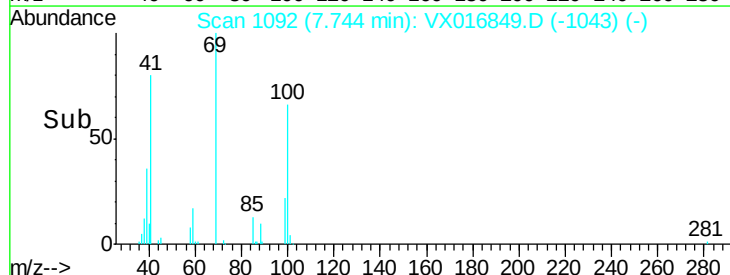
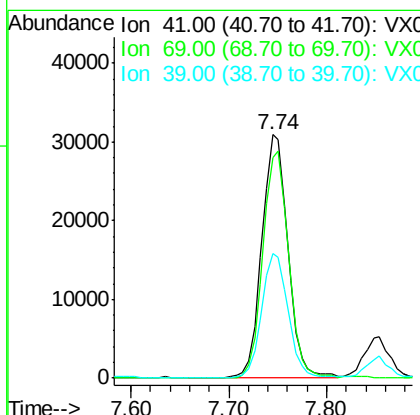
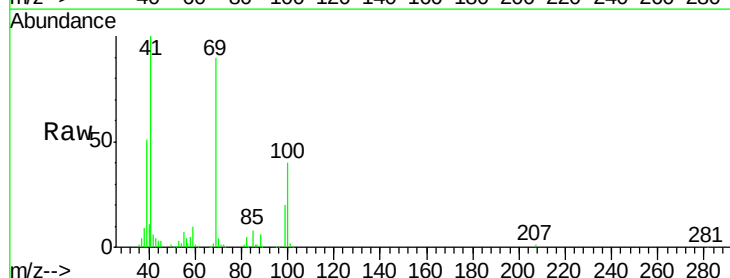
Manual Integrations
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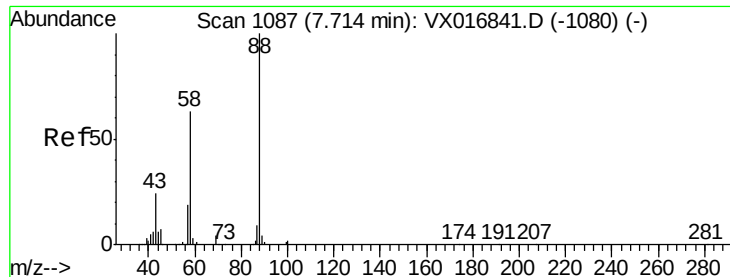
MMDadoda
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#48
Methyl methacrylate
Concen: 16.302 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	41	Resp	56982
Ion Ratio	100	Lower	Upper
41	100		
69	92.4	73.3	109.9
39	52.7	42.4	63.6





#49

1,4-Dioxane

Concen: 342.565 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

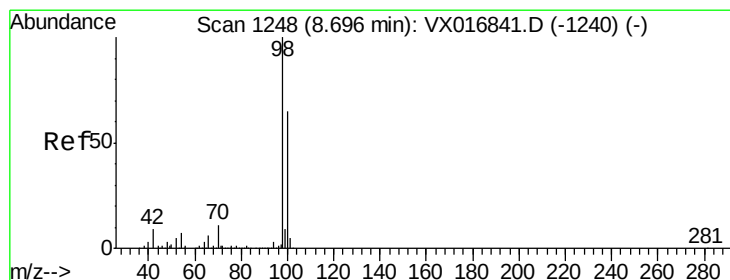
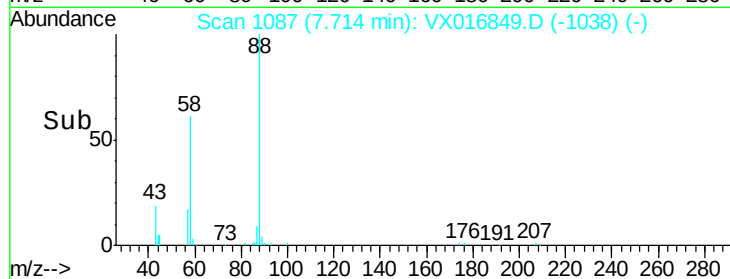
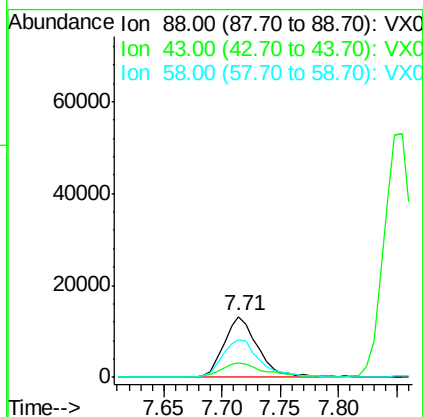
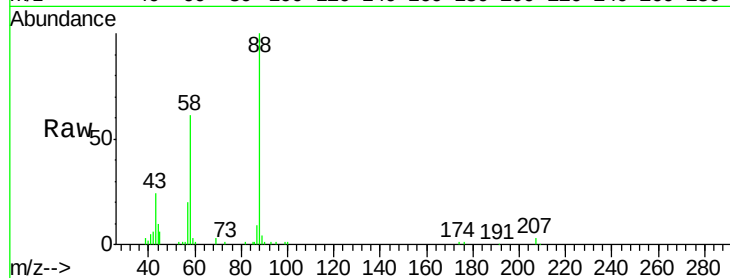
ClientSampleId :

VX0618WBS01

Tot Ion:	88	Resp:	26803
Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.7	34.1
58	68.8	53.1	79.7

Manual Integrations
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#50

Toluene-d8

Concen: 36.391 ug/l

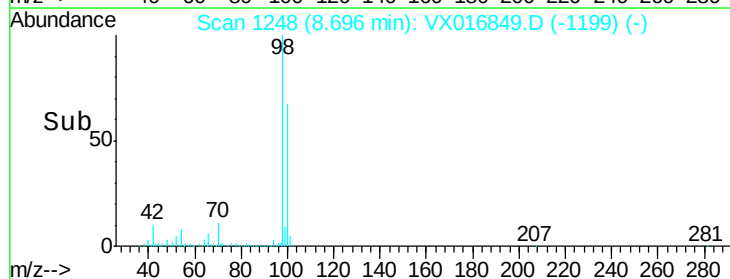
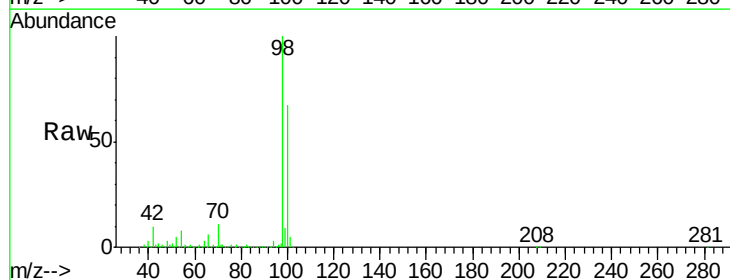
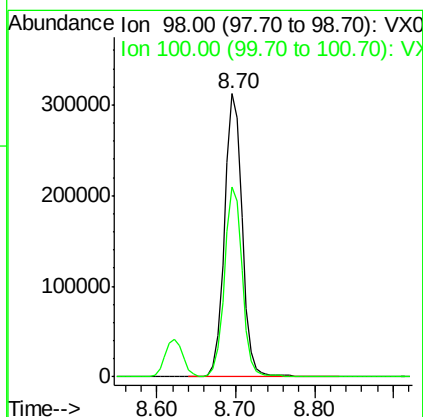
RT: 8.70 min Scan# 1248

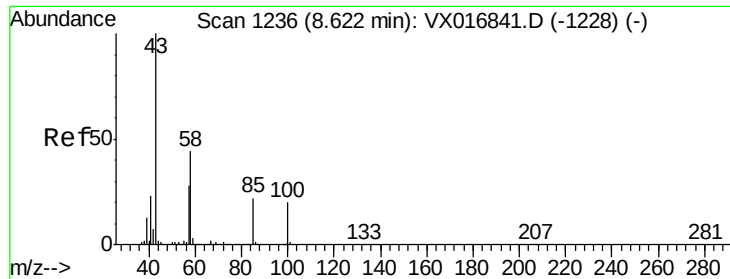
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	98	Resp:	485264
Ion	Ratio	Lower	Upper
98	100		
100	67.6	54.0	81.0





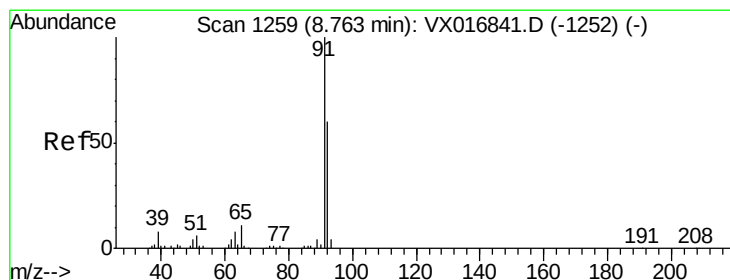
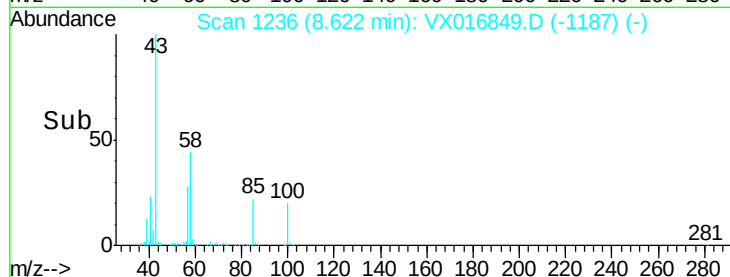
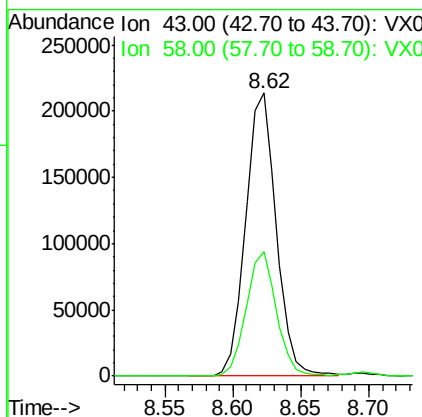
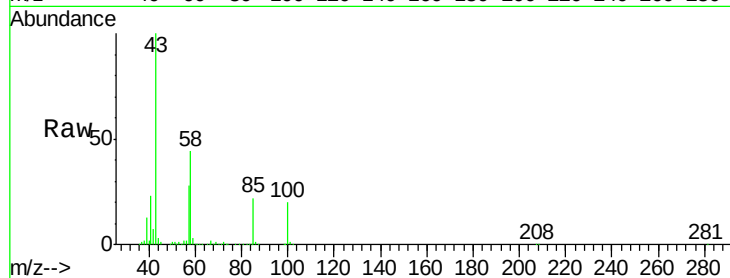
#51
4-Methyl-2-Pentanone
Concen: 75.370 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.4	34.3	51.5

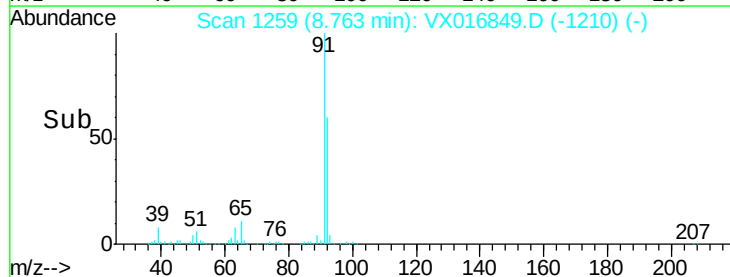
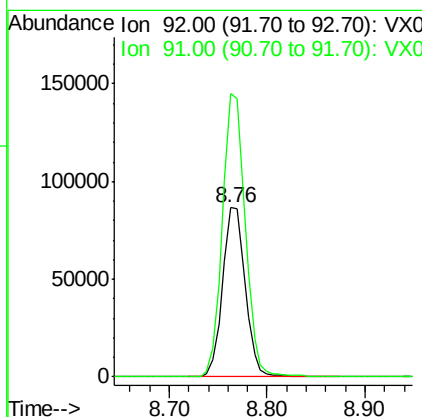
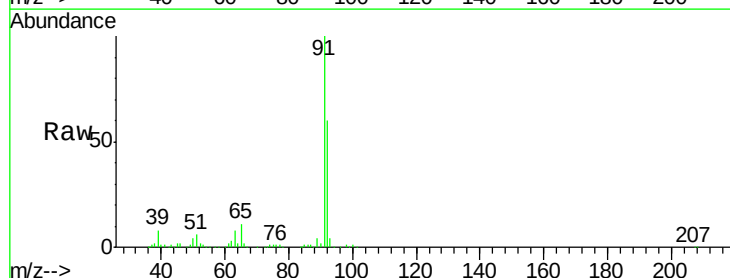
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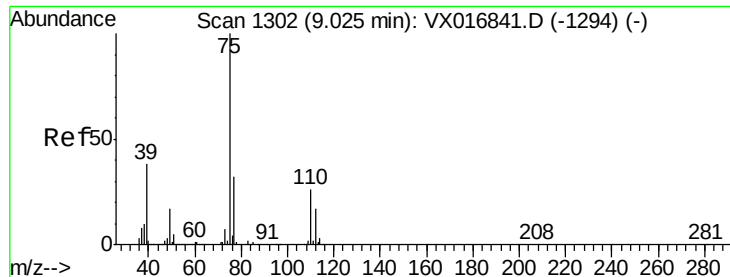
MMDadoda
6/19/2020 12:50:20 PM



#52
Toluene
Concen: 14.673 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.1	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 14.716 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion: 75 Resp: 84675

Ion Ratio Lower Upper

75 100

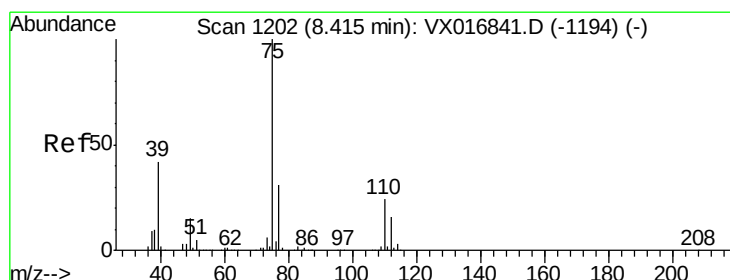
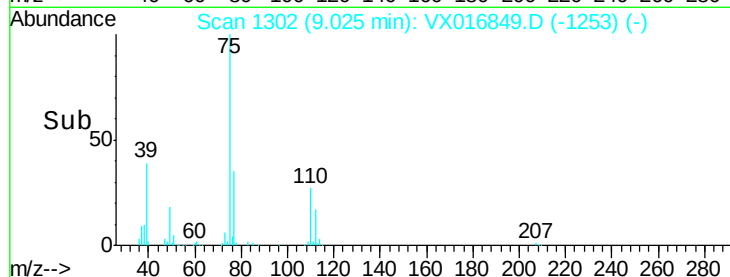
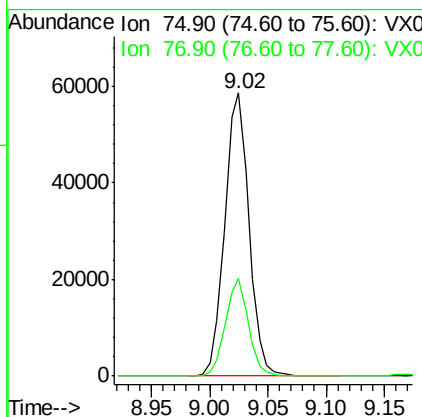
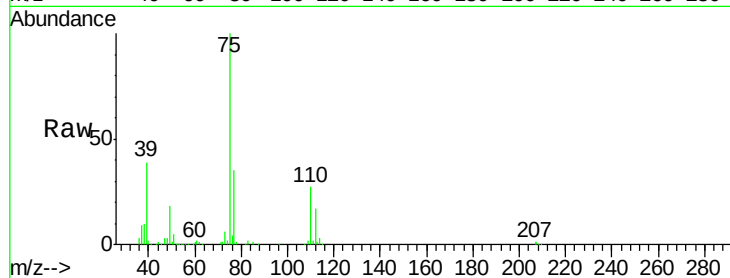
77 34.5 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 15.288 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

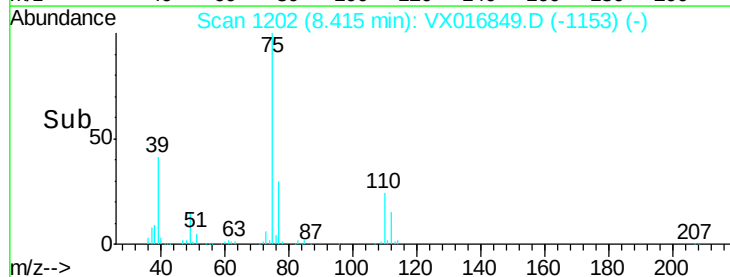
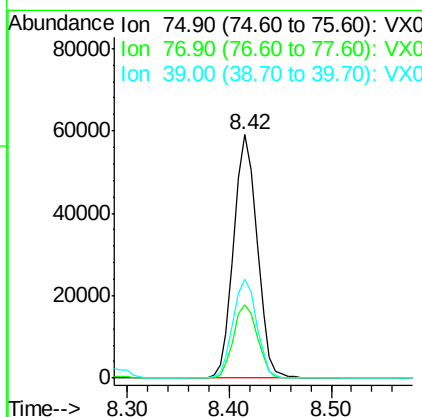
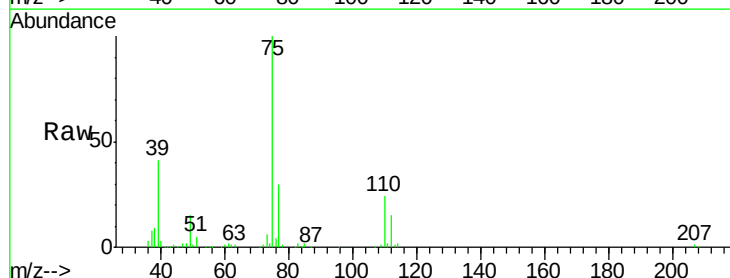
Tgt Ion: 75 Resp: 94104

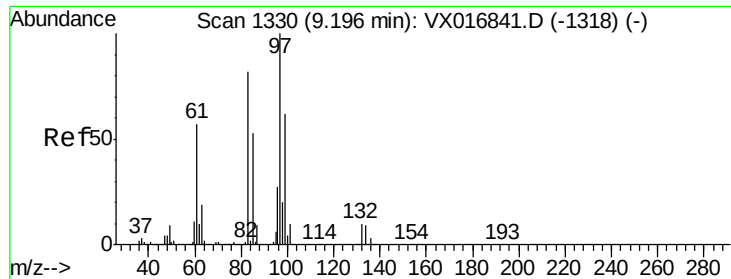
Ion Ratio Lower Upper

75 100

77 30.4 24.9 37.3

39 40.5 33.4 50.0





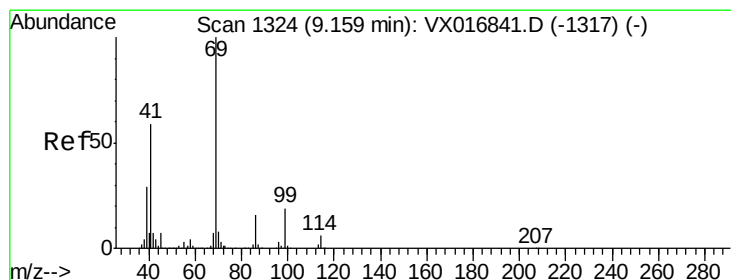
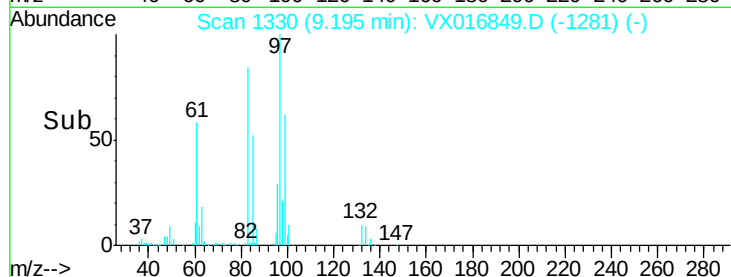
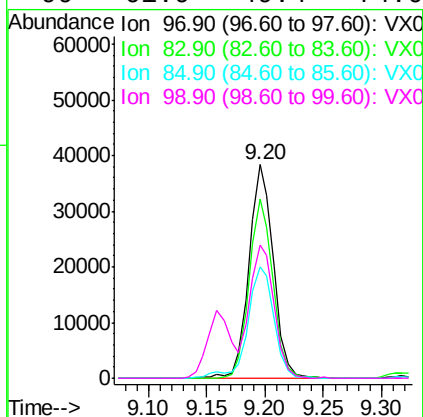
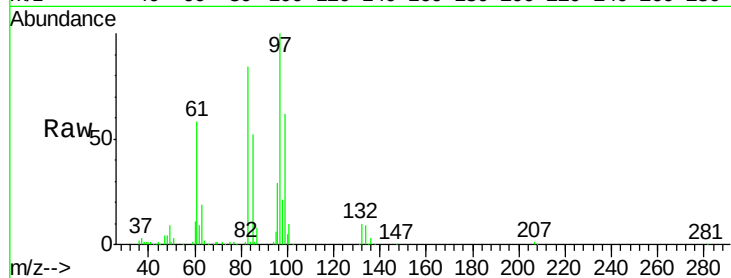
#55
 1,1,2-Trichloroethane
 Concen: 15.429 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		55785		
83	83.7		65.5	98.3	
85	52.4		42.6	63.8	
99	61.9		49.4	74.0	

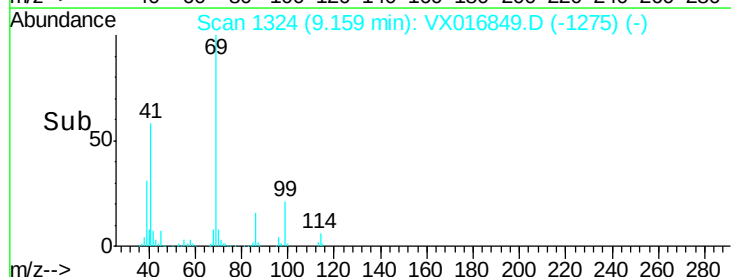
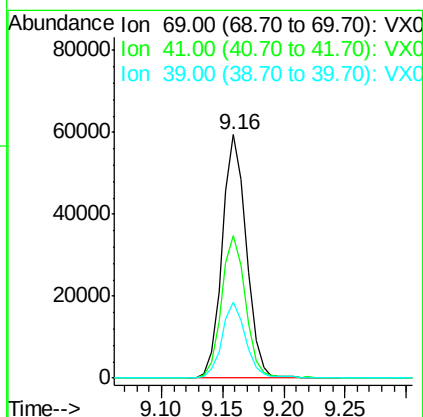
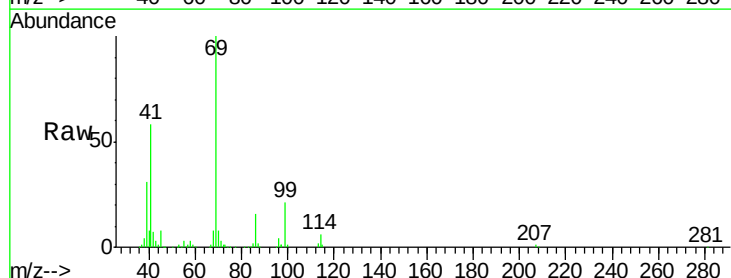
Manual Integrations
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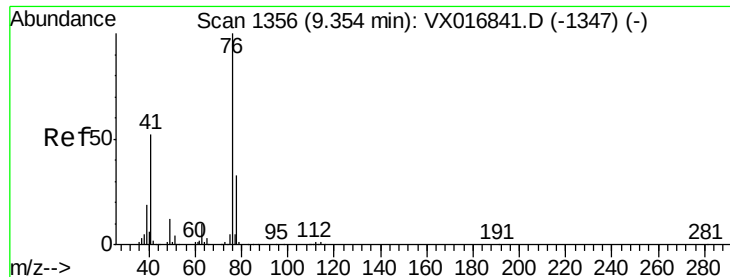
MMDadoda
 6/19/2020 12:50:20 PM



#56
 Ethyl methacrylate
 Concen: 15.557 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		81428		
41	59.0		47.9	71.9	
39	30.6		24.2	36.4	





#57

1,3-Dichloropropane

Concen: 15.119 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion: 76 Resp: 92668

Ion Ratio Lower Upper

76 100

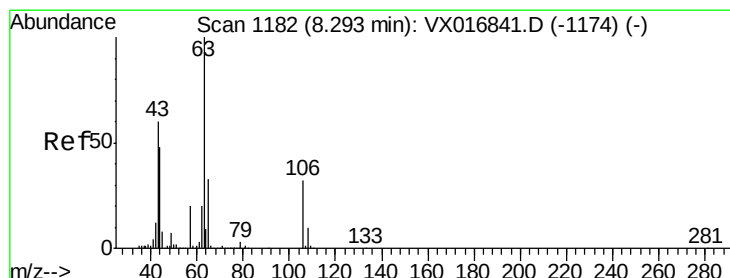
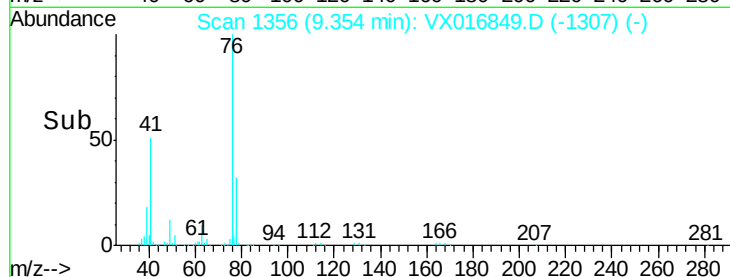
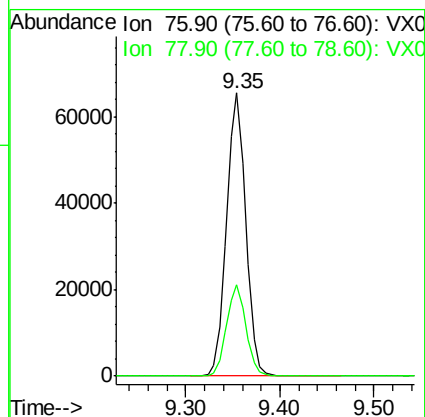
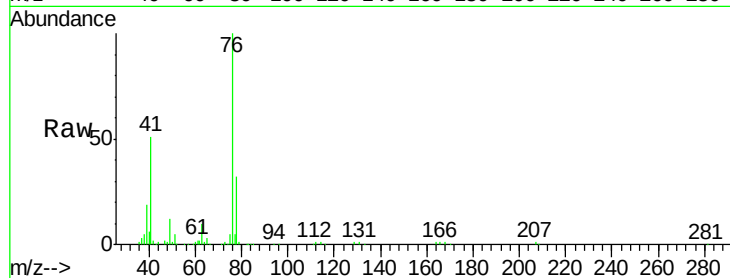
78 32.5 25.8 38.6

Manual Integrations

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MMDadoda

6/19/2020 12:50:20 PM



#58

2-Chloroethyl Vinyl ether

Concen: 80.421 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016849.D

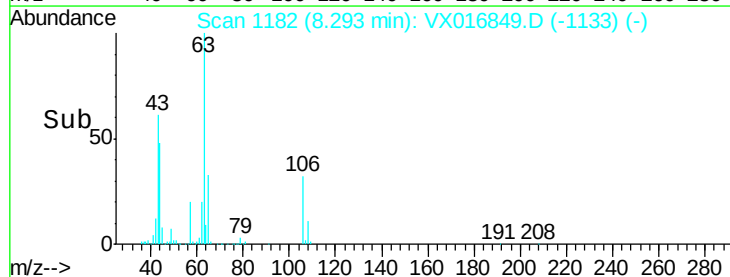
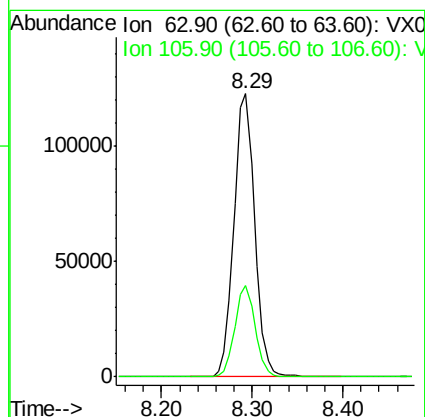
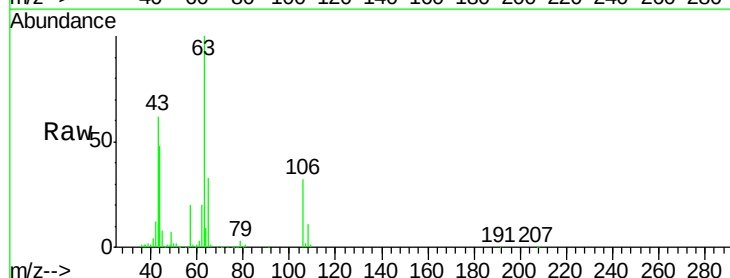
Acq: 18 Jun 2020 20:07

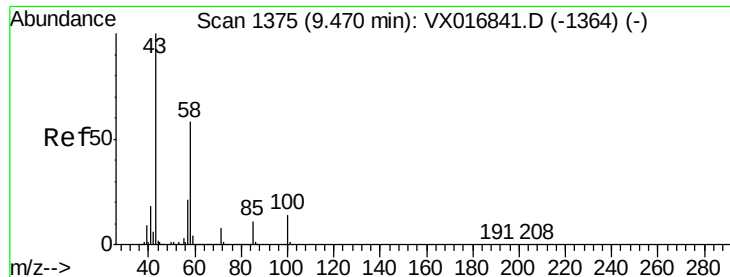
Tgt Ion: 63 Resp: 195859

Ion Ratio Lower Upper

63 100

106 31.5 25.8 38.6





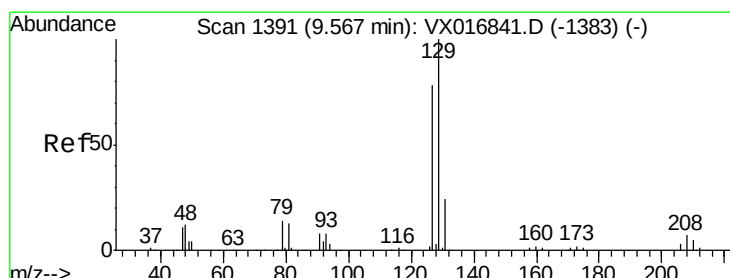
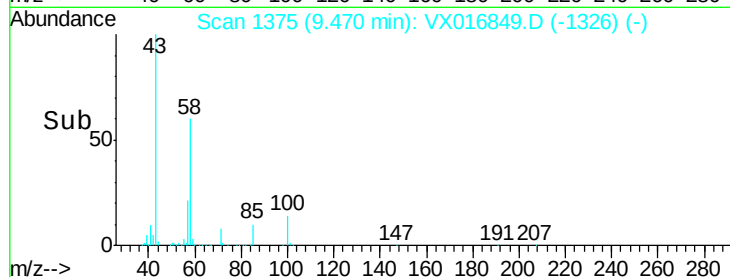
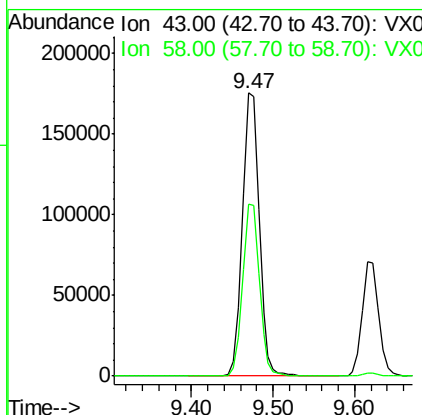
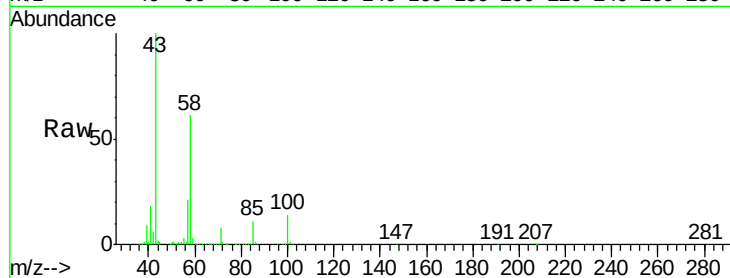
#59
2-Hexanone
Concen: 77.199 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	43	Resp	249587
Ion Ratio	43	100	
Lower	58	60.7	29.8
Upper			89.4

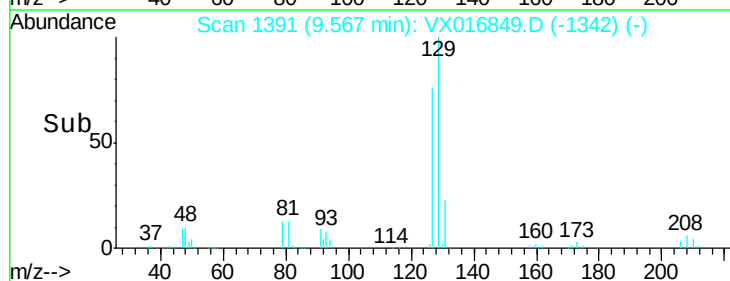
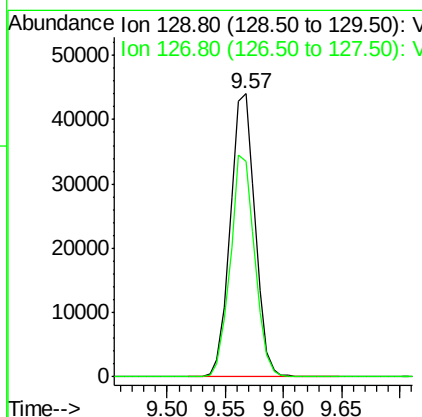
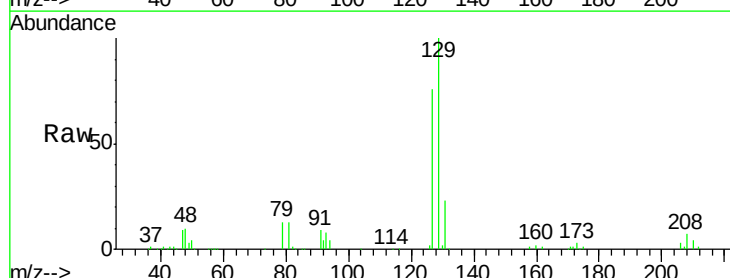
Manual Integrations
APPROVED

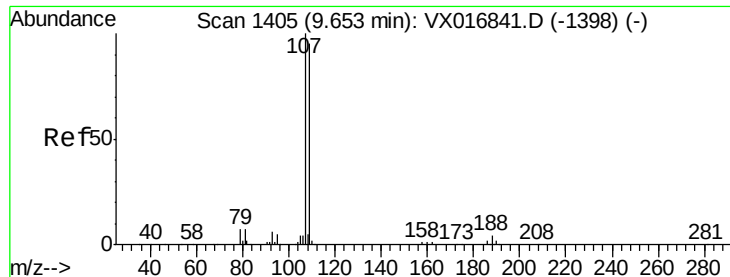
MMDadoda
6/19/2020 12:50:20 PM



#60
Dibromochloromethane
Concen: 15.057 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	129	Resp	65305
Ion Ratio	129	100	
Lower	127	76.7	38.5
Upper			115.5





#61

1,2-Dibromoethane

Concen: 14.937 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion:107 Resp: 58609

Ion Ratio Lower Upper

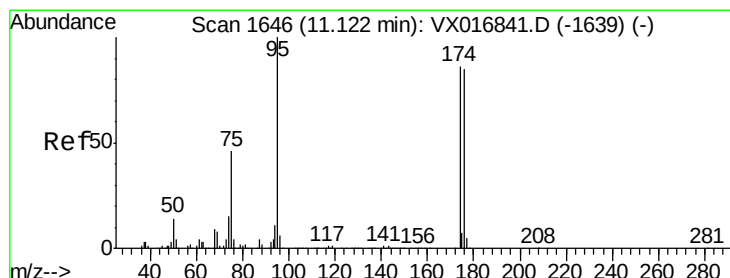
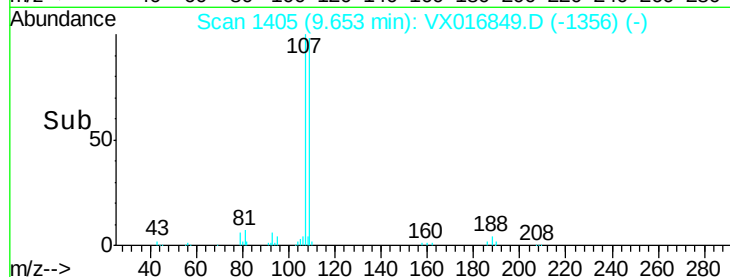
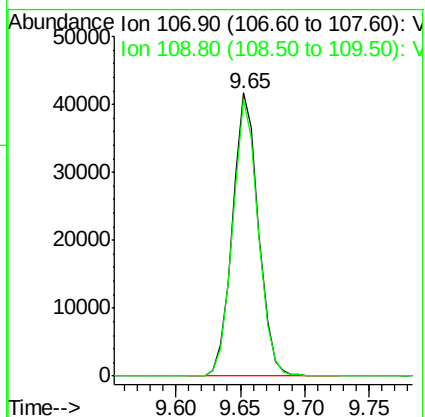
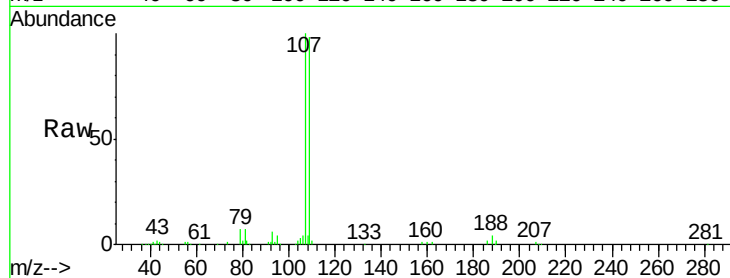
107 100

109 96.5 75.4 113.0

Manual Integrations
APPROVED

MMDadoda

6/19/2020 12:50:20 PM



#62

4-Bromofluorobenzene

Concen: 36.126 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

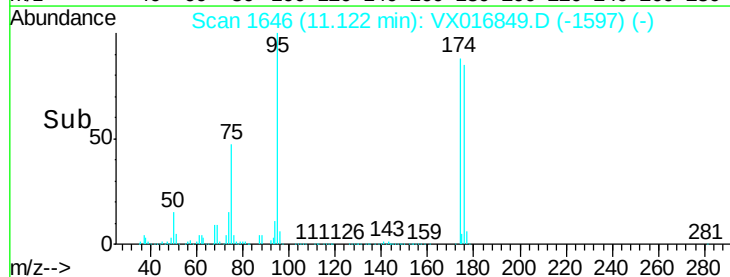
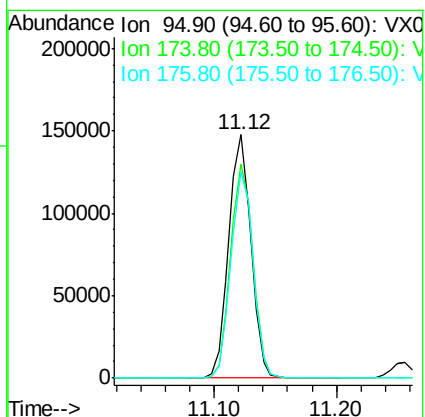
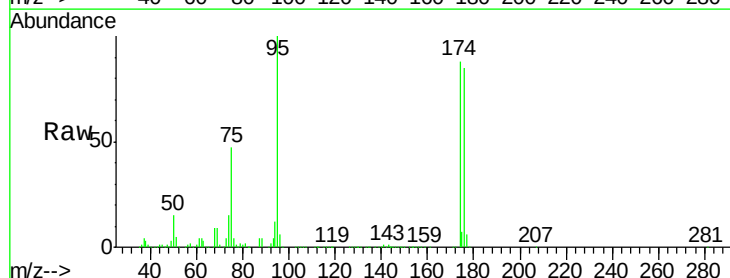
Tgt Ion: 95 Resp: 184573

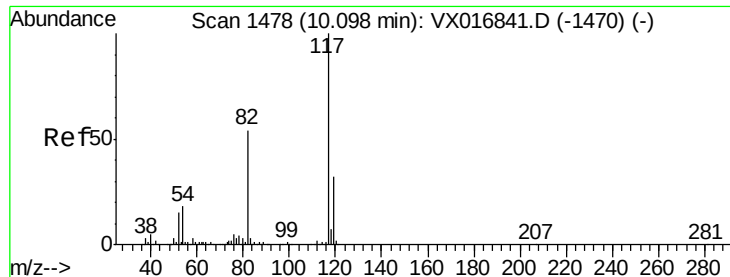
Ion Ratio Lower Upper

95 100

174 88.4 0.0 174.2

176 84.6 0.0 170.0





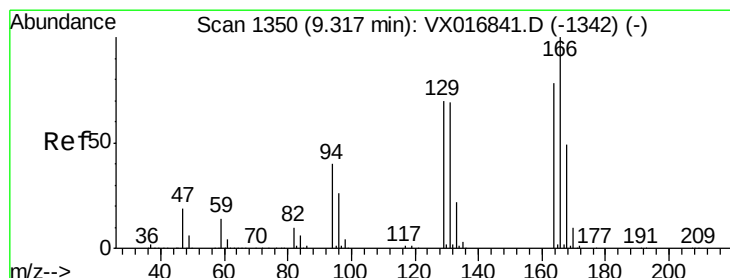
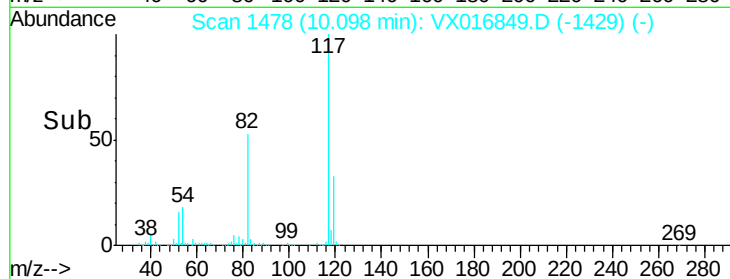
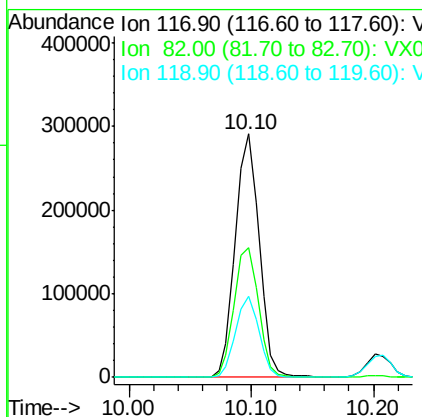
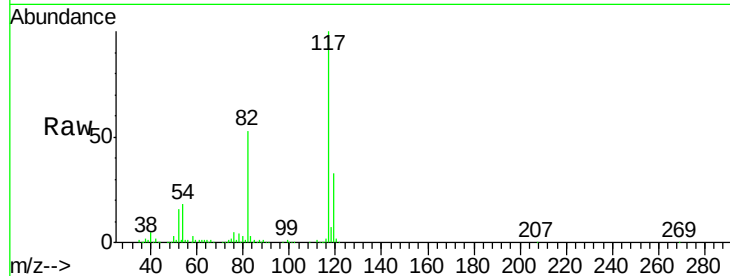
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	393227		
82	53.4	43.4	65.0	
119	33.2	25.7	38.5	

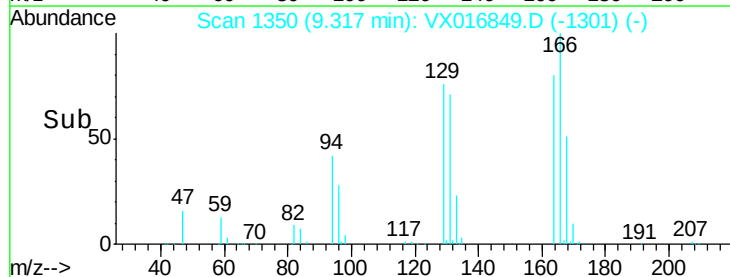
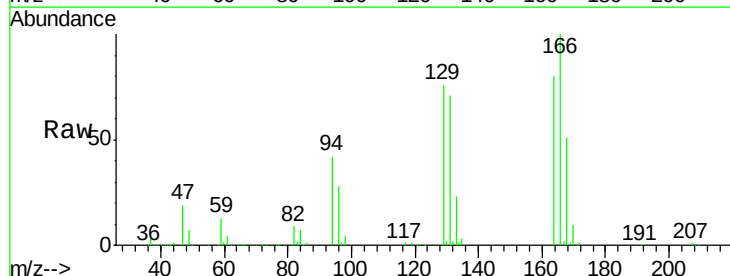
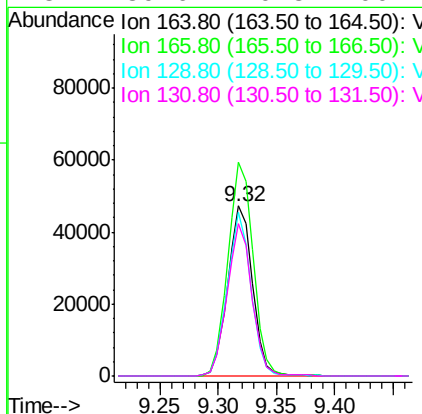
Manual Integrations
APPROVED

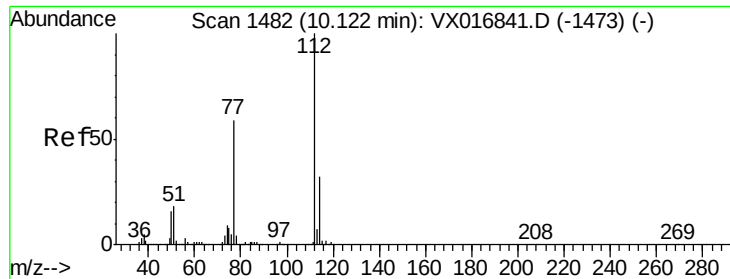
MMDadoda
6/19/2020 12:50:20 PM



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	69851		
166	125.6	102.6	153.8	
129	96.0	72.2	108.2	
131	89.6	70.8	106.2	





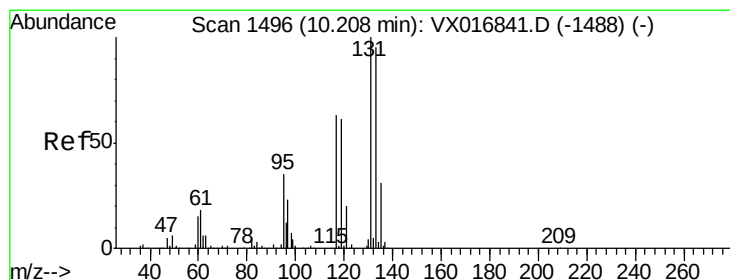
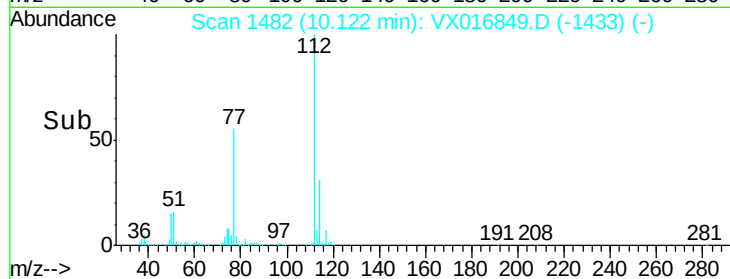
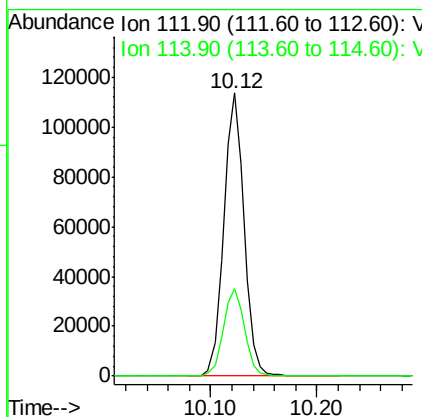
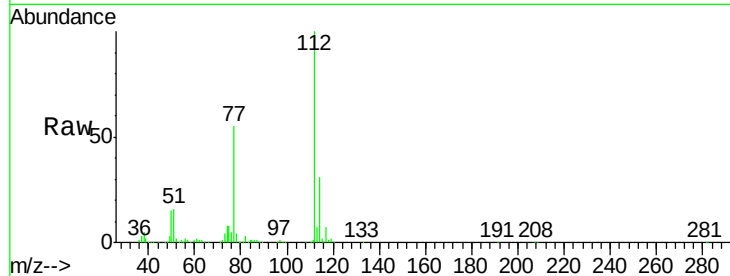
#65
Chlorobenzene
Concen: 18.999 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	25.5	38.3

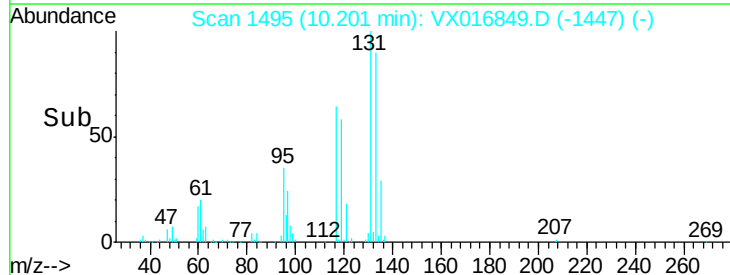
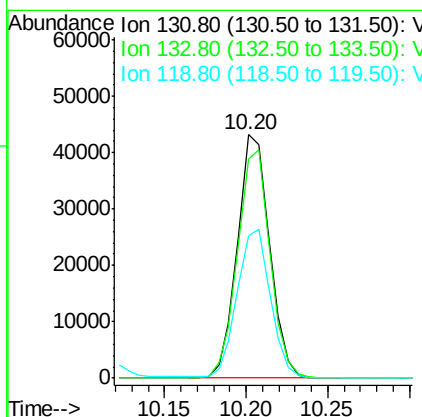
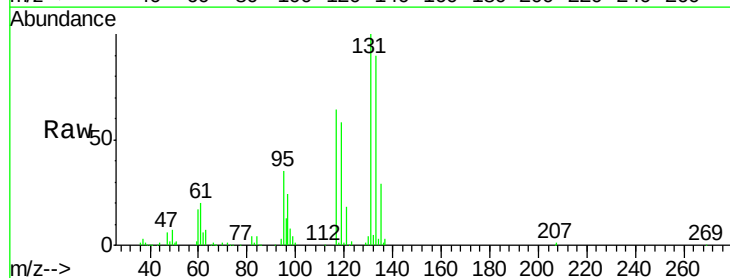
Manual Integrations
APPROVED

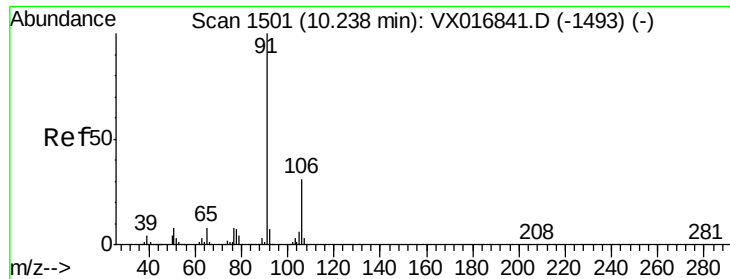
MMDadoda
6/19/2020 12:50:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.352 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.7	143.1
119	63.1	30.8	92.4





#67

Ethyl Benzene

Concen: 19.390 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampled :

VX0618WBS01

Tot Ion: 91 Resp: 260508

Ion Ratio Lower Upper

91 100

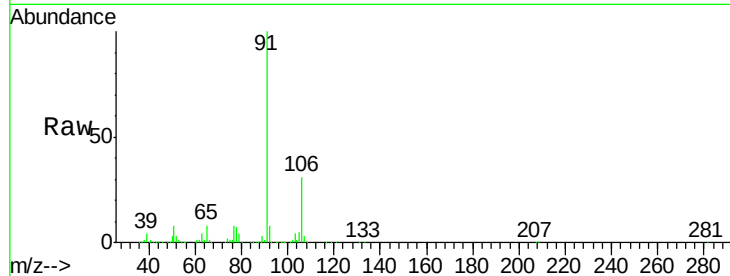
106 31.3 25.1 37.7

Manual Integrations

APPROVED

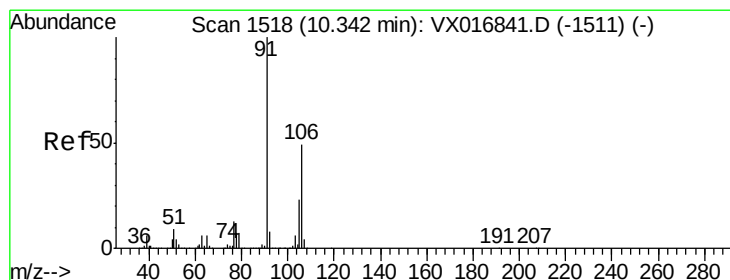
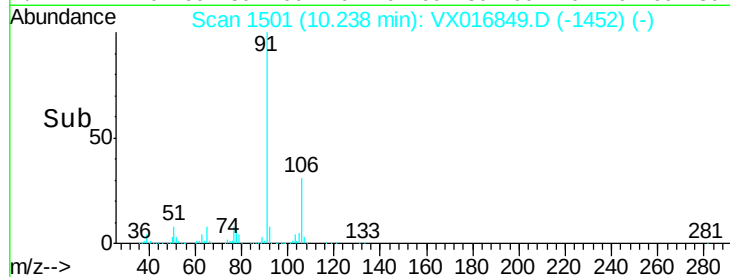
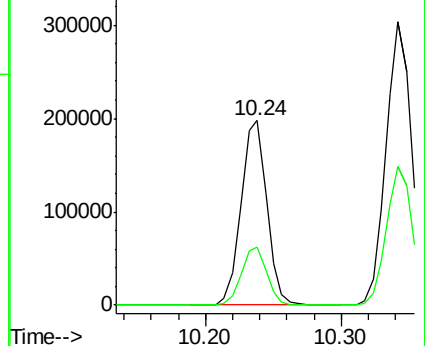
MMDadoda

6/19/2020 12:50:20 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.084 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016849.D

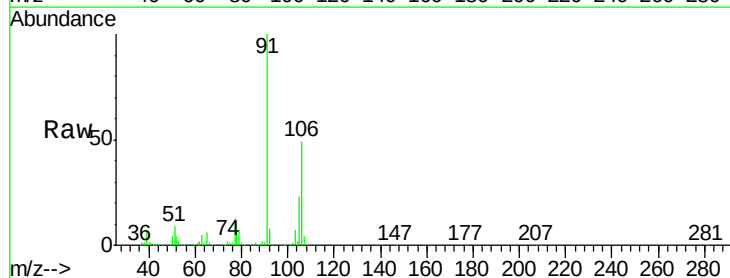
Acq: 18 Jun 2020 20:07

Tgt Ion: 106 Resp: 199104

Ion Ratio Lower Upper

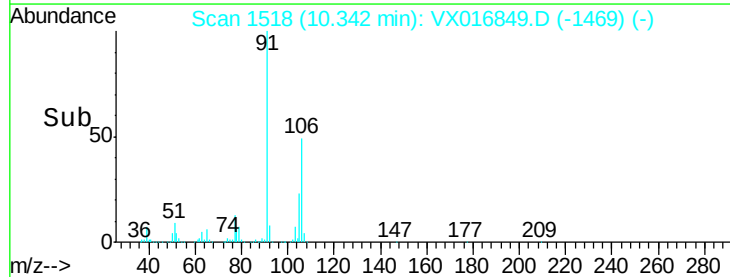
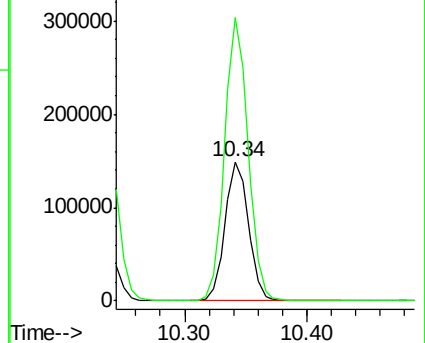
106 100

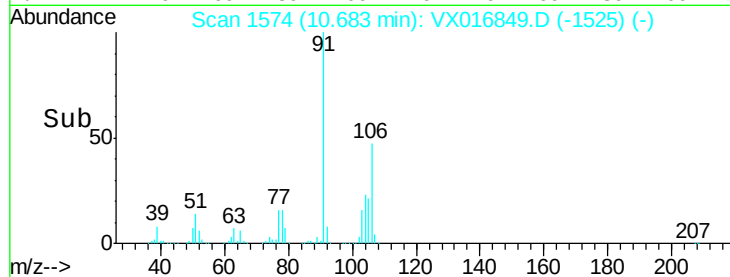
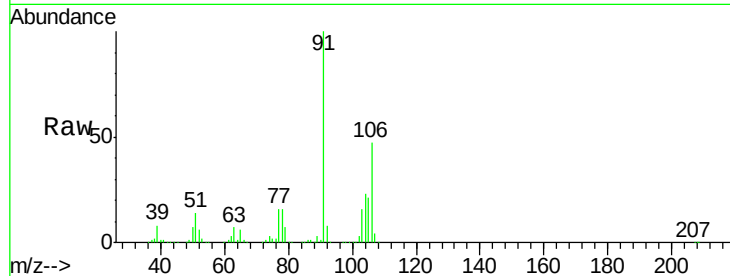
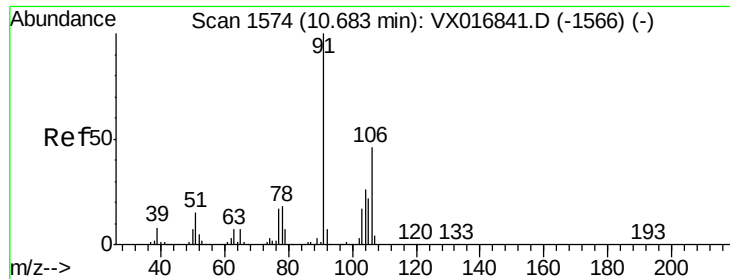
91 202.2 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





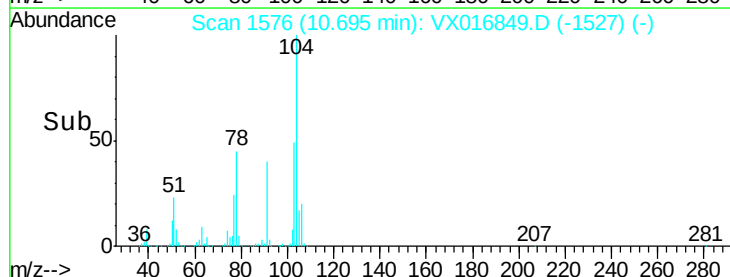
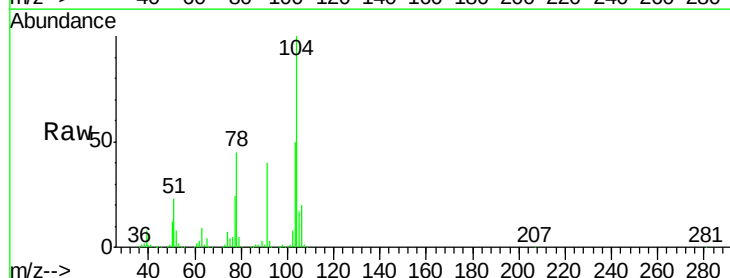
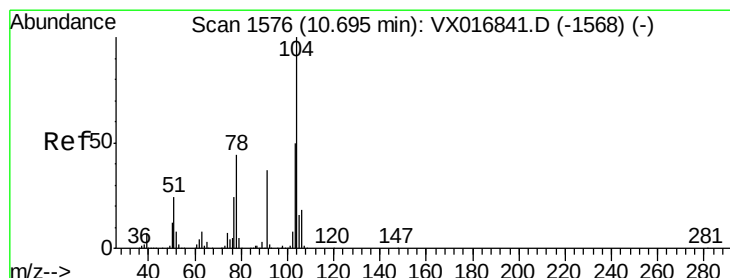
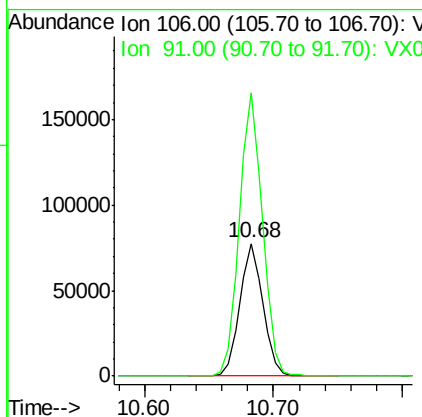
#69
o-Xylene
Concen: 19.996 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tot Ion:106 Resp: 96663
Ion Ratio Lower Upper
106 100
91 213.9 107.9 323.7

Instrument :
MSVOA_X
ClientSampled :
VX0618WBS01

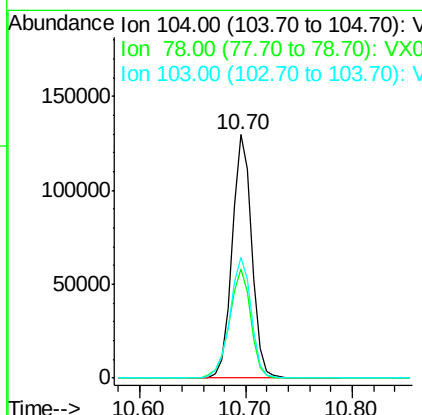
Manual Integrations
APPROVED

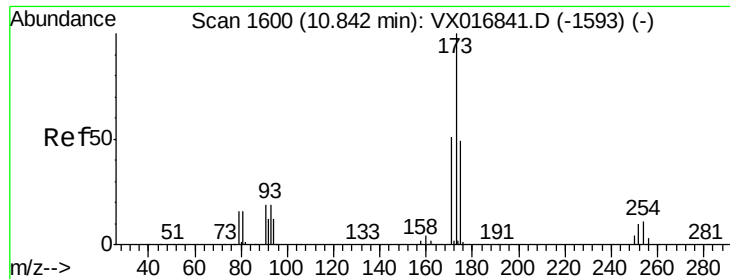
MMDadoda
6/19/2020 12:50:20 PM



#70
Styrene
Concen: 20.467 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion:104 Resp: 168112
Ion Ratio Lower Upper
104 100
78 49.1 39.6 59.4
103 53.8 43.3 64.9





#71

Bromoform

Concen: 19.723 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

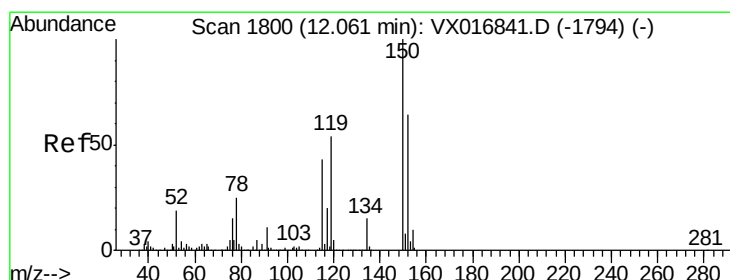
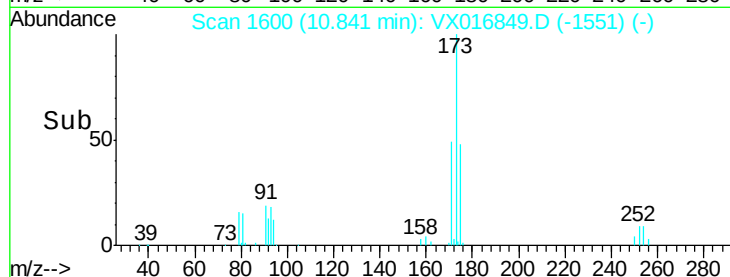
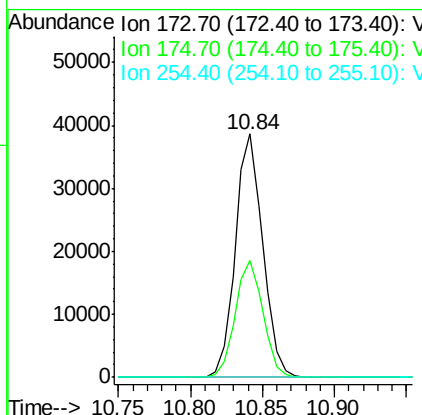
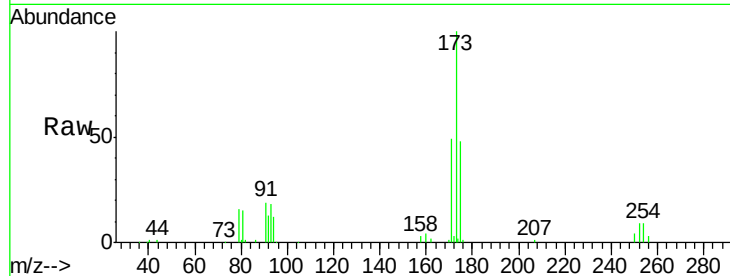
ClientSampleId :

VX0618WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

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6/19/2020 12:50:20 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

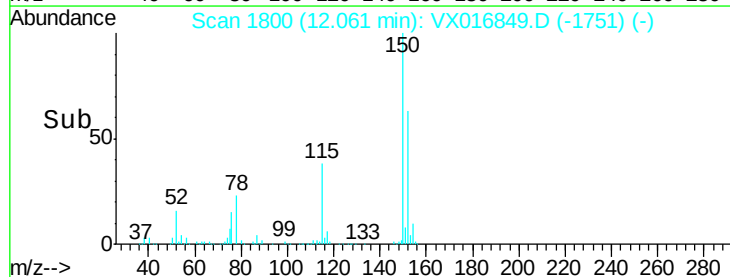
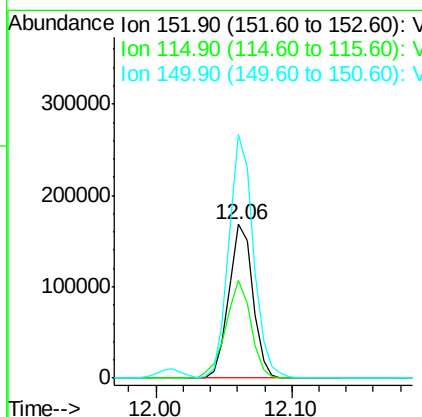
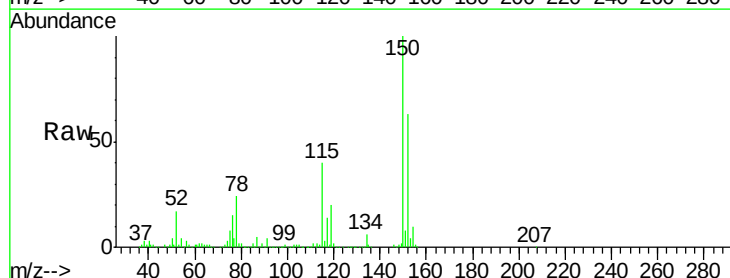
RT: 12.06 min Scan# 1800

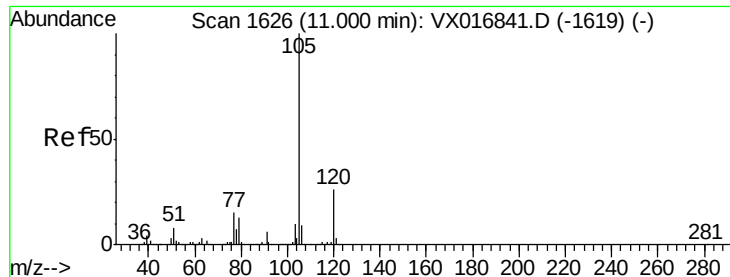
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	40.9	122.8
150	161.8	0.0	344.2





#73

Isopropylbenzene

Concen: 19.650 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion:105 Resp: 261592

Ion Ratio Lower Upper

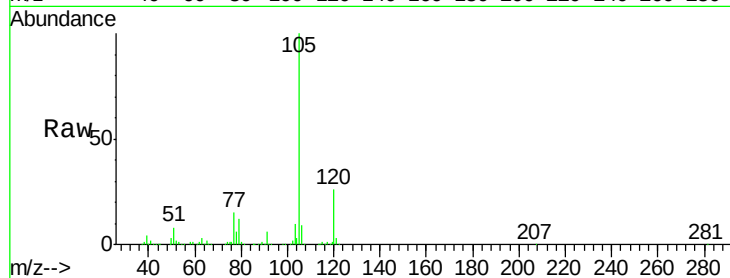
105 100

120 26.2 13.2 39.6

Manual Integrations
APPROVED

MMDadoda

6/19/2020 12:50:20 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

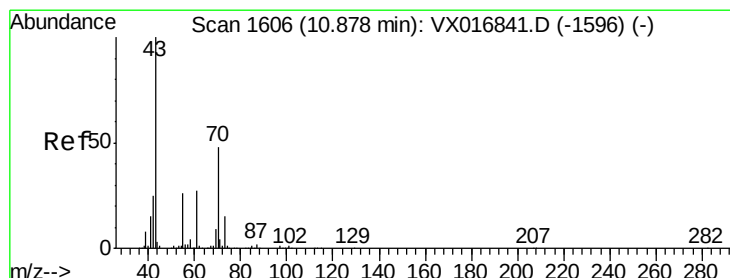
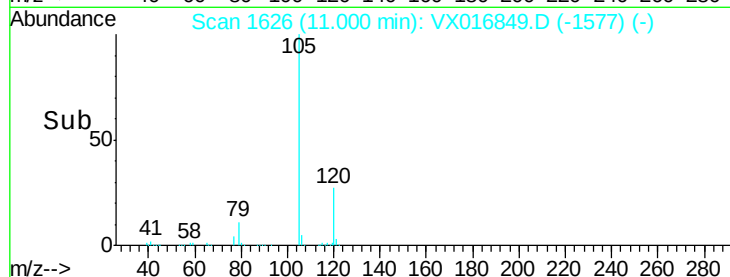
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.811 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion: 43 Resp: 96745

Ion Ratio Lower Upper

43 100

70 48.8 39.9 59.9

55 26.6 21.8 32.6

61 27.3 22.2 33.4

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

120000

100000

80000

60000

40000

20000

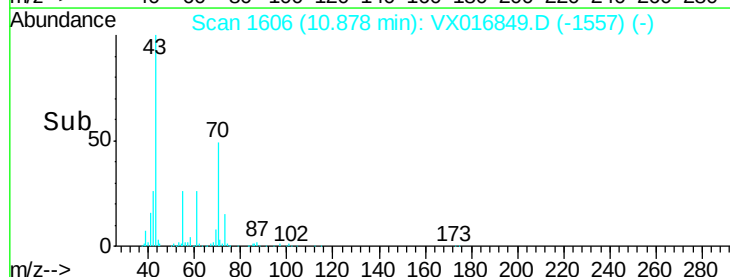
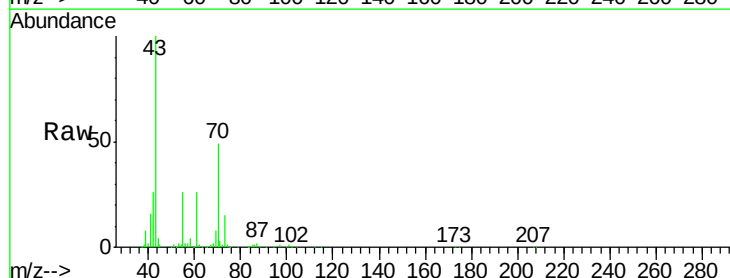
0

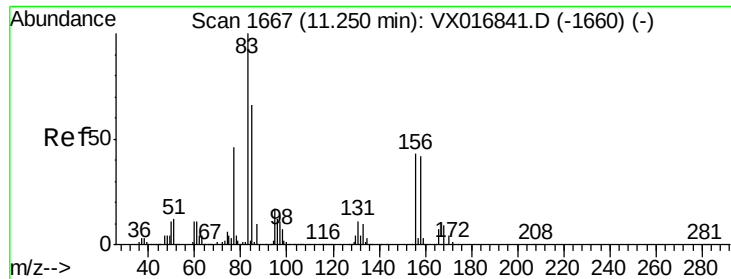
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.245 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

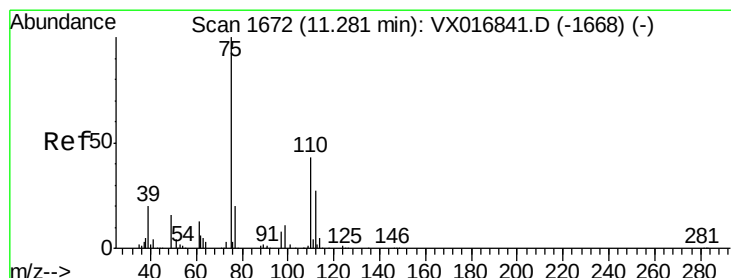
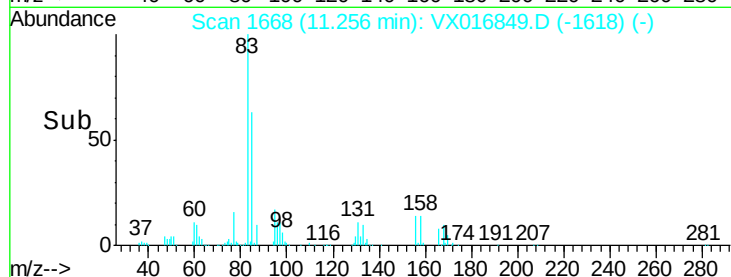
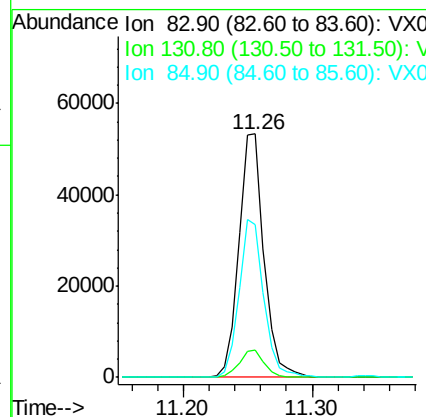
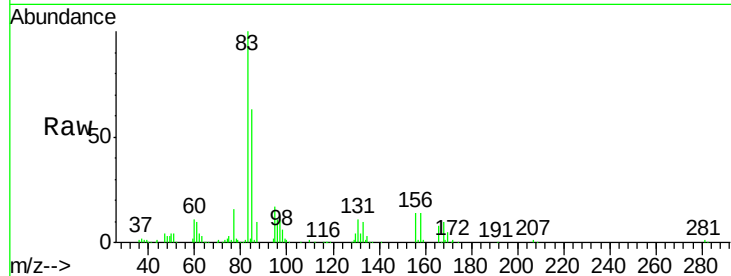
ClientSampleId :

VX0618WBS01

Tot Ion:	83	Resp:	72344
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.7	17.1
85	64.2	32.6	97.8

Manual Integrations
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6/19/2020 12:50:20 PM



#76

1,2,3-Trichloropropane

Concen: 19.926 ug/l m

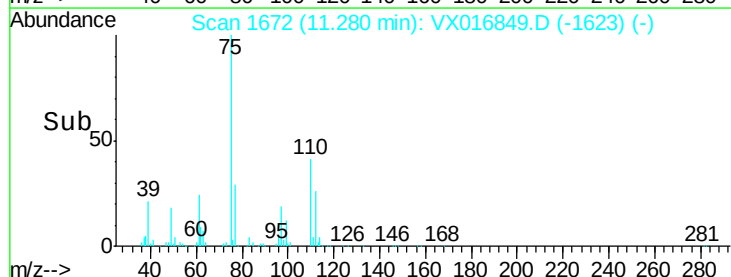
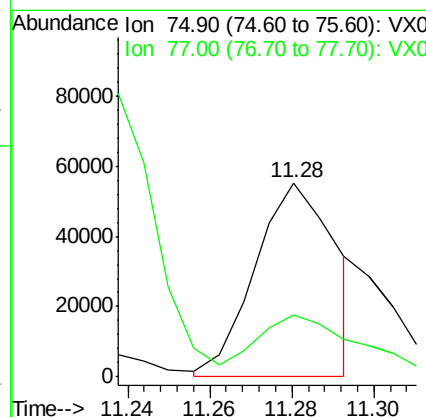
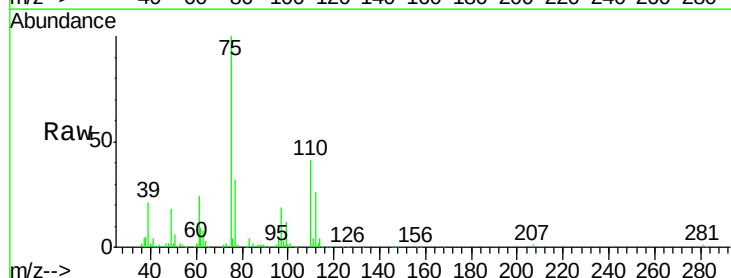
RT: 11.28 min Scan# 1672

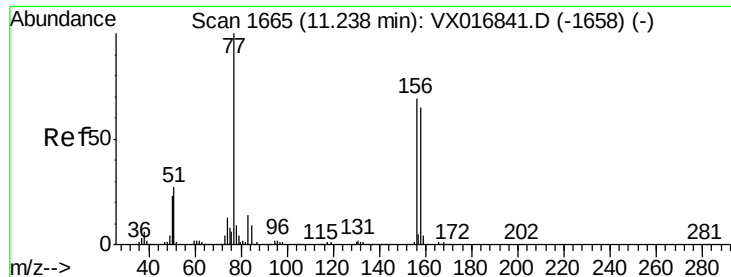
Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	75	Resp:	75245
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.5	61.5





#77

Bromobenzene

Concen: 19.588 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

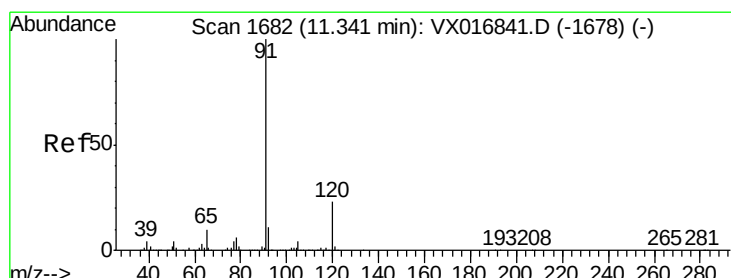
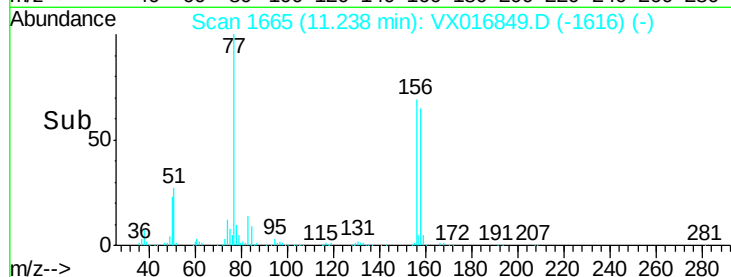
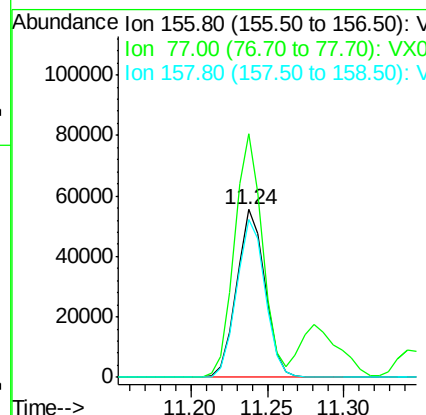
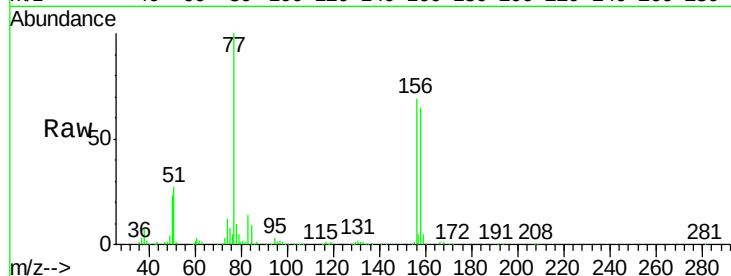
ClientSampleId :

VX0618WBS01

Tot Ion:	156	Resp:	71118
Ion Ratio	Lower	Upper	
156	100		
77	144.0	73.4	220.2
158	94.4	48.8	146.3

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#78

n-propylbenzene

Concen: 19.491 ug/l

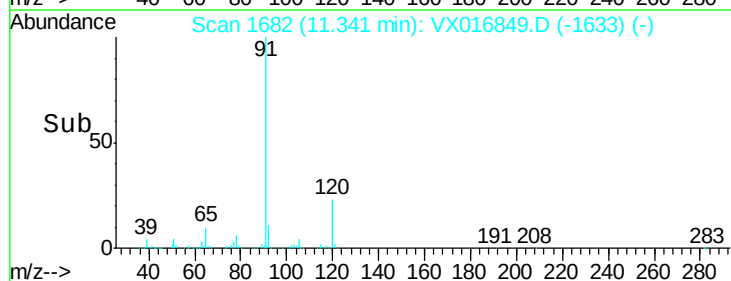
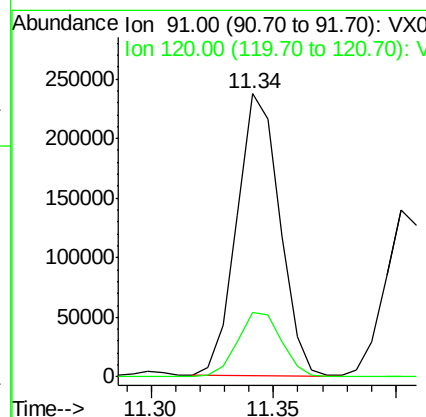
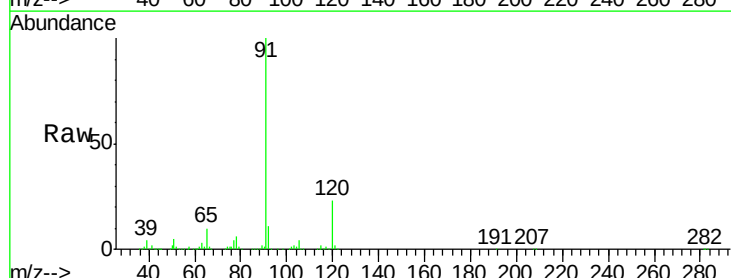
RT: 11.34 min Scan# 1682

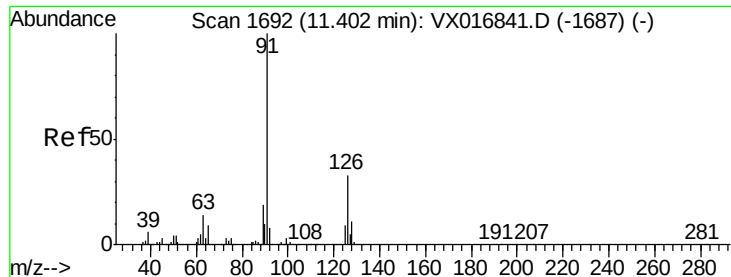
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	91	Resp:	289588
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.5





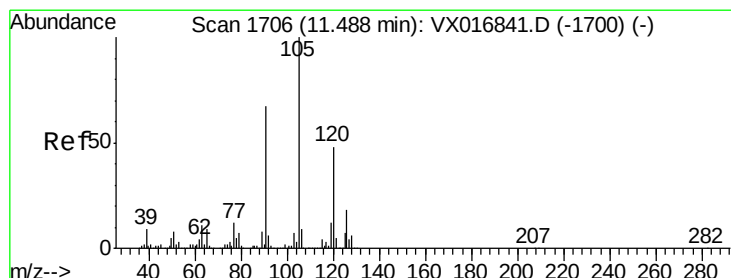
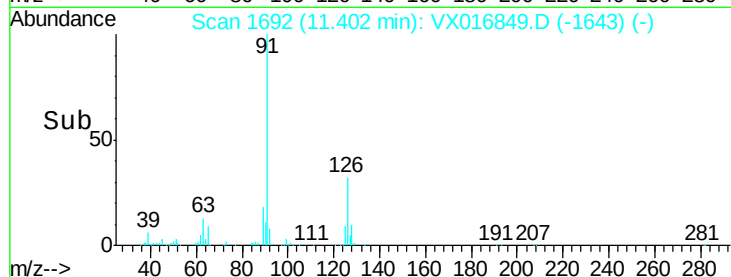
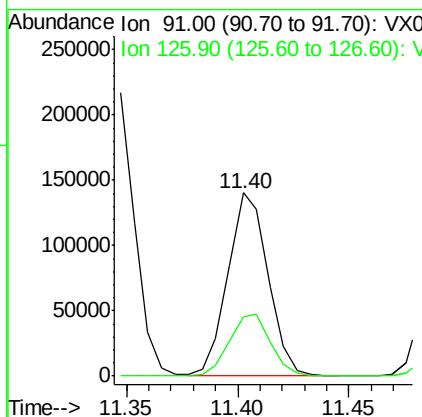
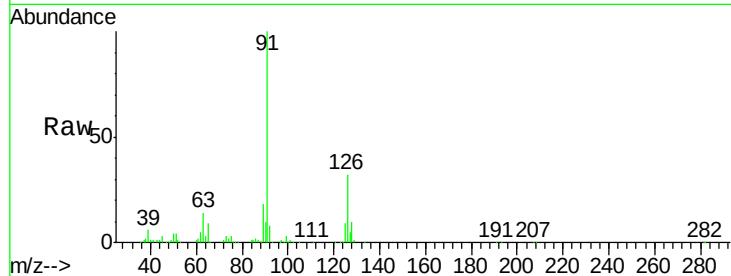
#79
 2-Chlorotoluene
 Concen: 19.369 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Tot Ion: 91 Resp: 176073
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.5

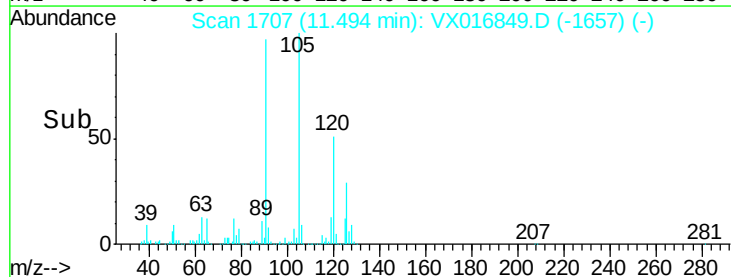
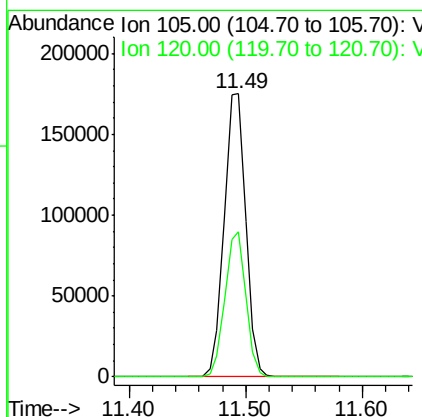
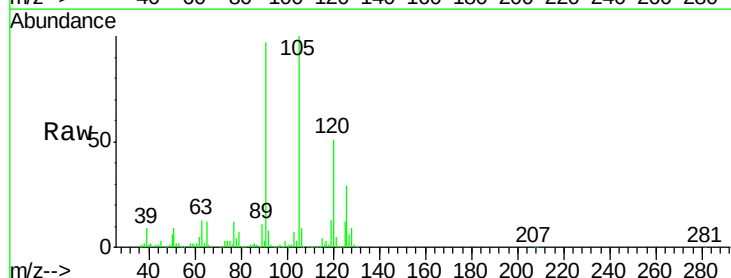
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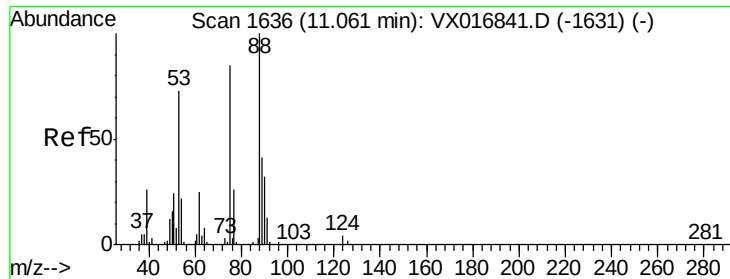
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.574 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion: 105 Resp: 224834
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0





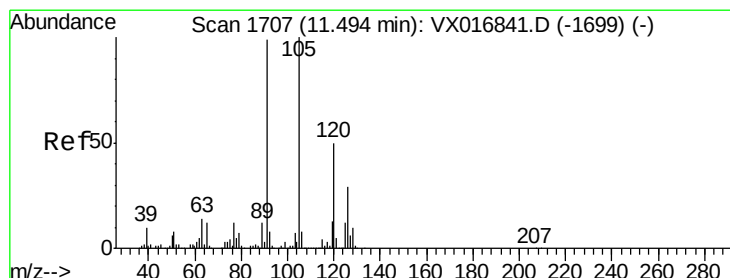
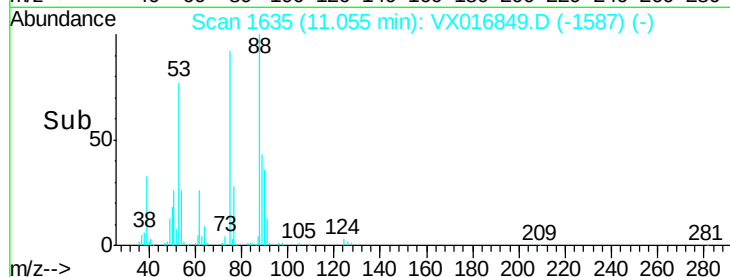
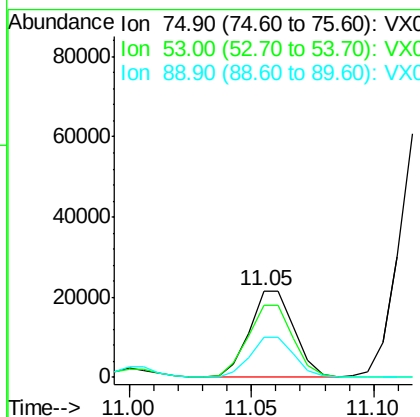
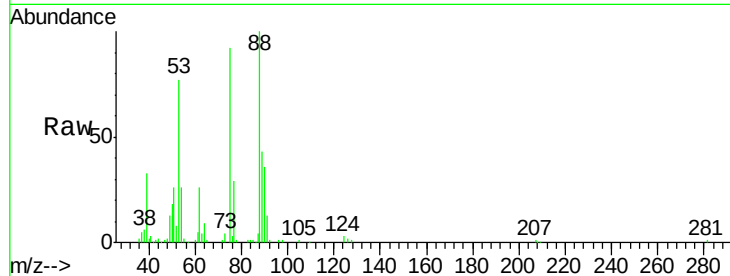
#81
trans-1,4-Dichloro-2-butene
Concen: 17.997 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.9	69.8	104.8
89	46.5	38.3	57.5

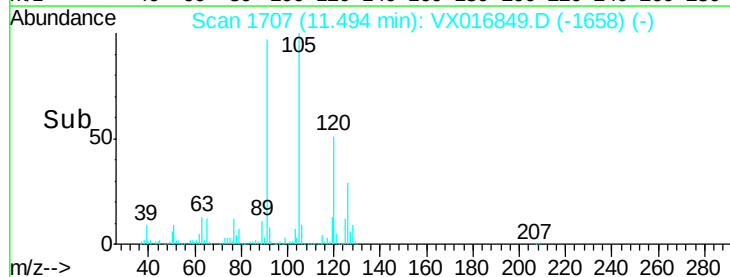
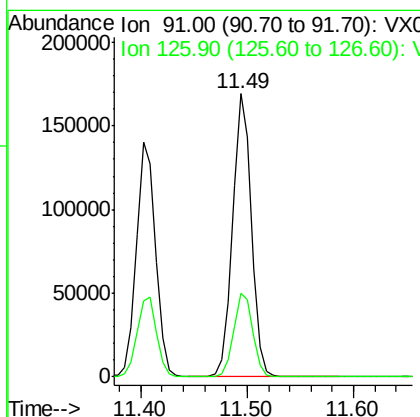
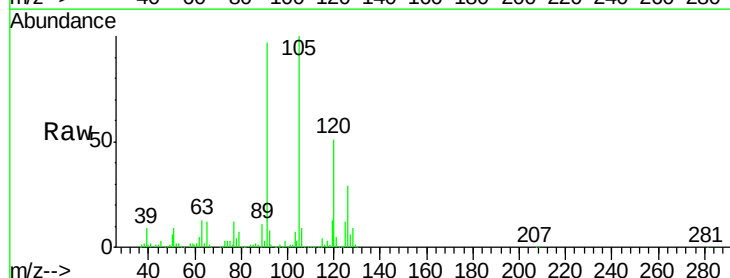
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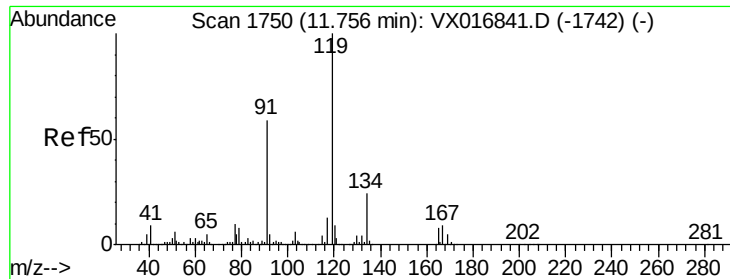
MMDadoda
6/19/2020 12:50:20 PM



#82
4-Chlorotoluene
Concen: 19.238 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





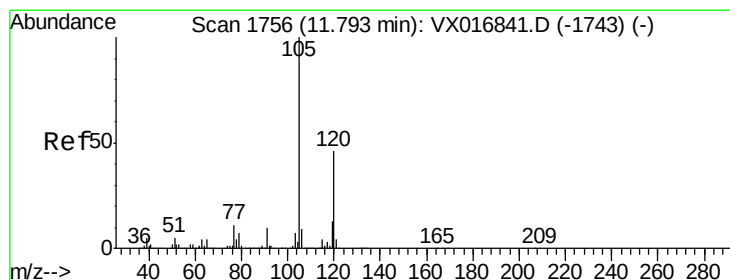
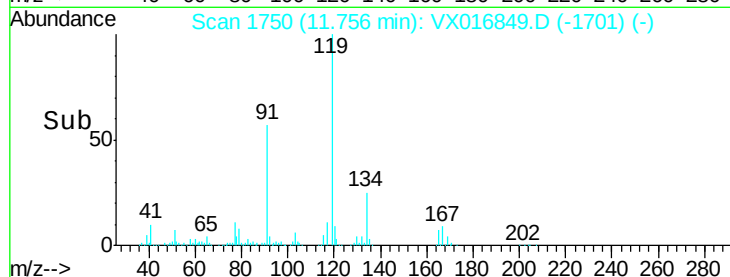
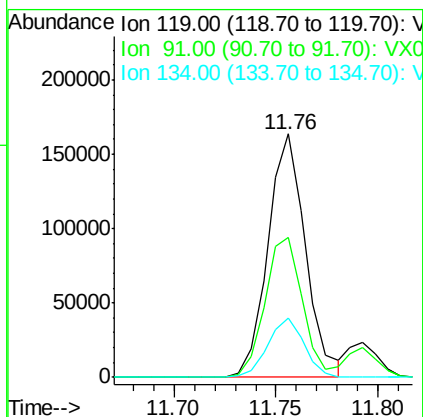
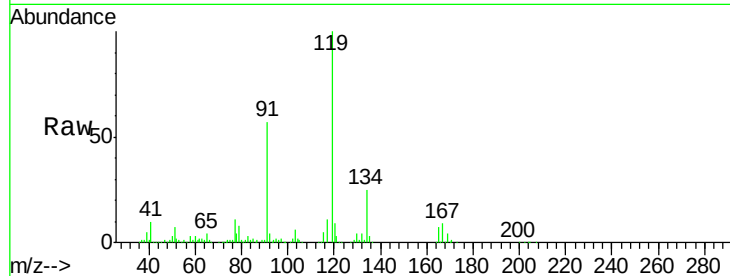
#83
tert-Butylbenzene
Concen: 18.477 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209989		
91	57.1		28.5	85.5
134	23.5		11.7	35.1

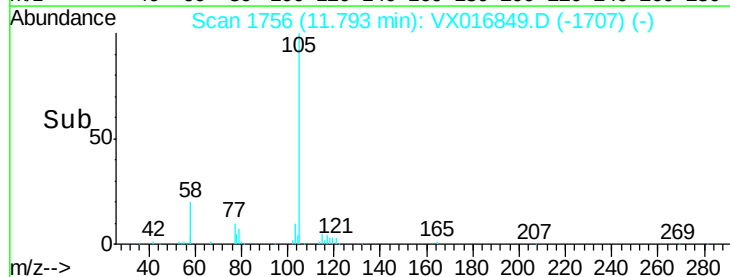
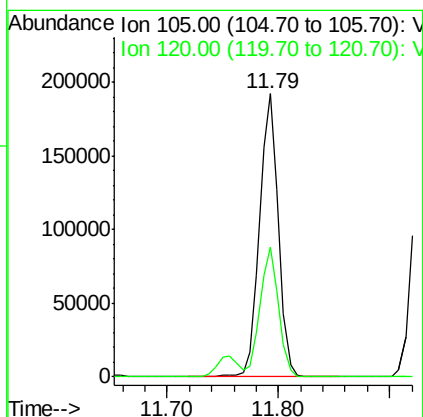
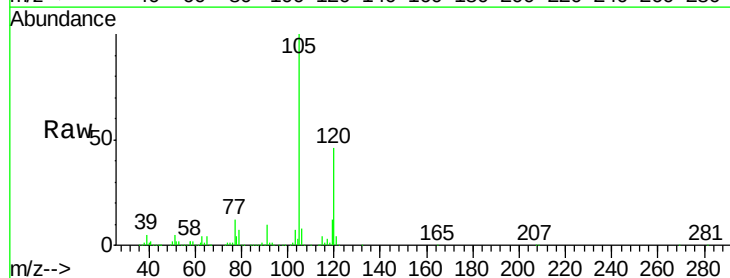
Manual Integrations
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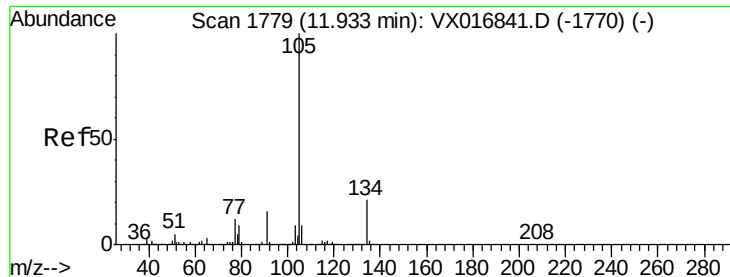
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#84
1,2,4-Trimethylbenzene
Concen: 19.227 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227493		
120	45.1		22.3	66.9





#85

sec-Butylbenzene

Concen: 18.966 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBS01

Tot Ion:105 Resp: 250332

Ion Ratio Lower Upper

105 100

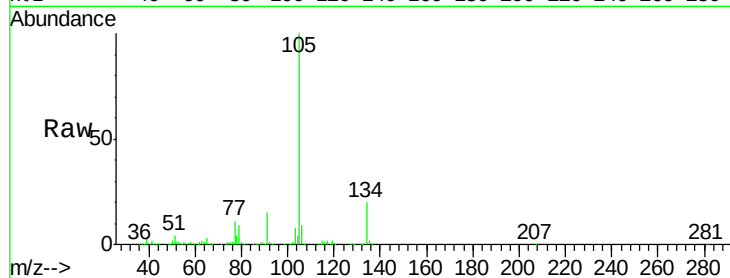
134 20.5 10.4 31.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

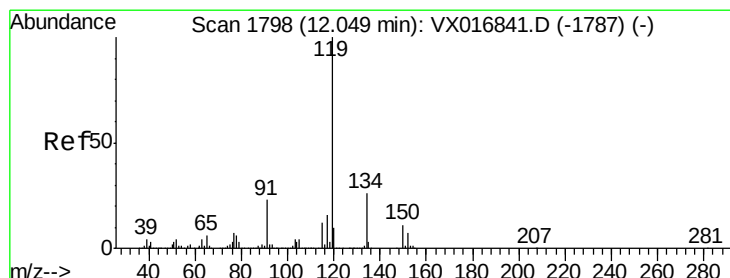
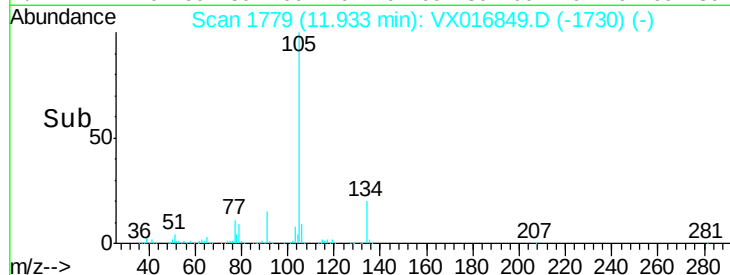
100000

50000

0

Time--> 11.85 11.90 11.95 12.00

11.93



#86

p-Isopropyltoluene

Concen: 19.479 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

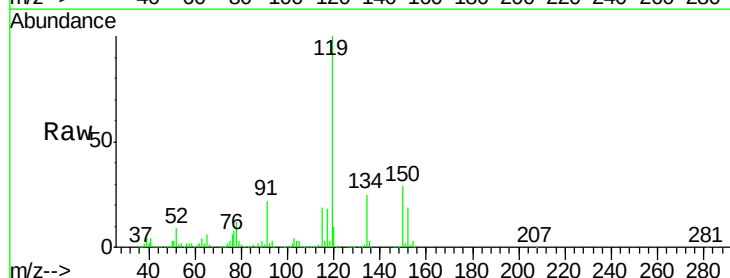
Tgt Ion:119 Resp: 235564

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 22.7 11.6 34.8



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

250000

200000

150000

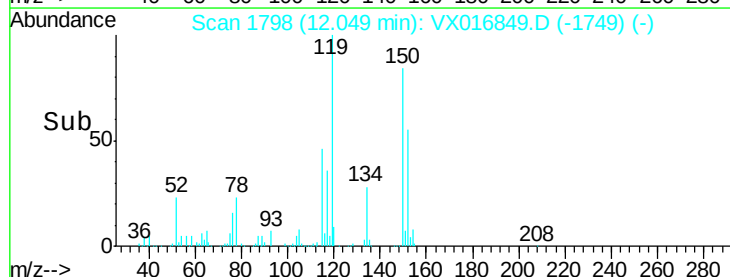
100000

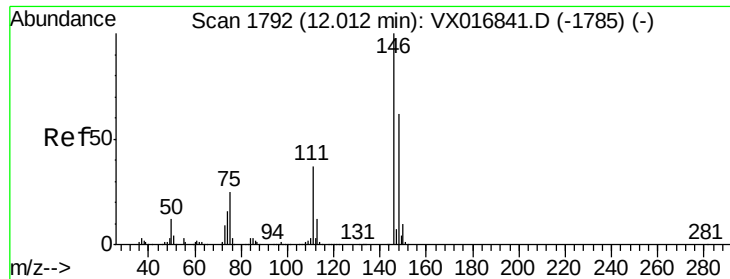
50000

0

Time--> 12.00 12.10

12.05





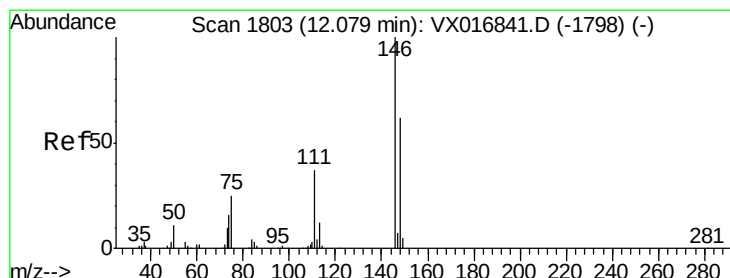
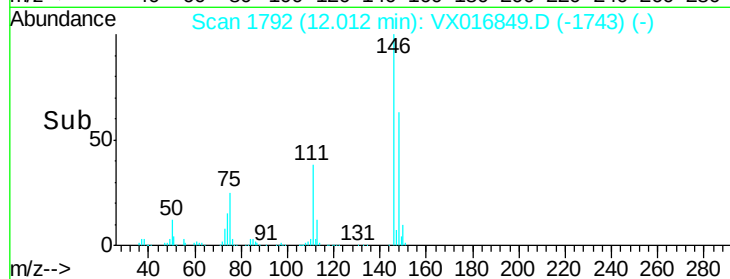
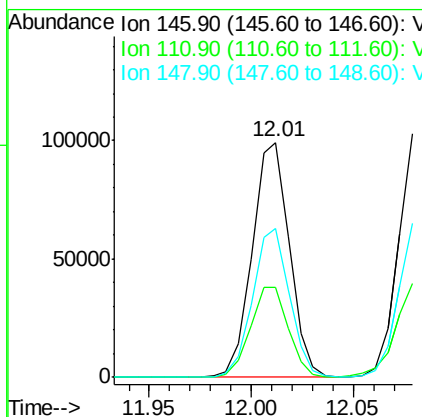
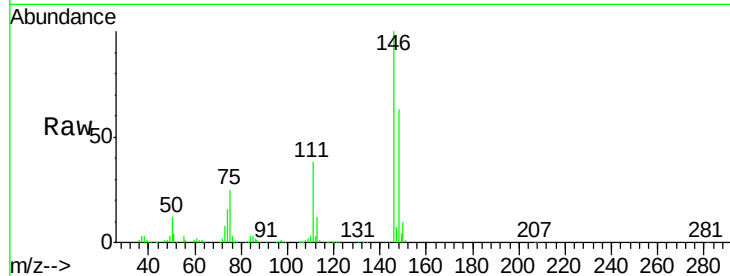
#87
 1,3-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	62.9	31.8	95.3

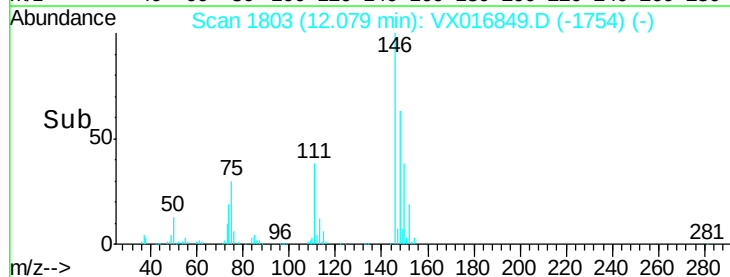
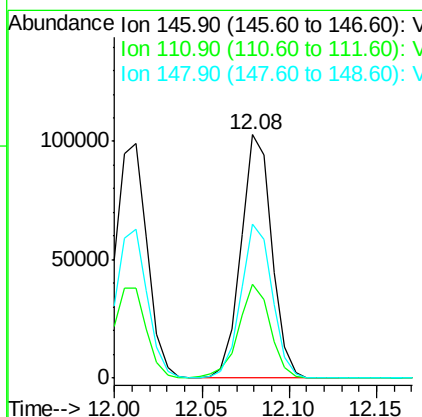
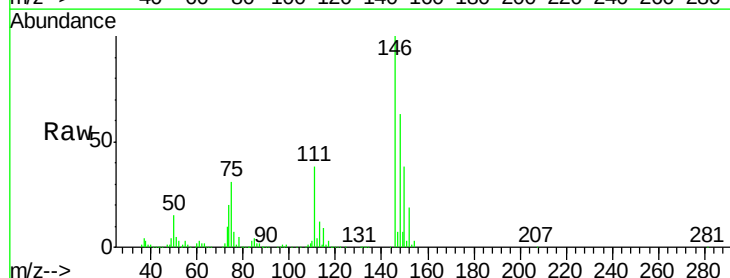
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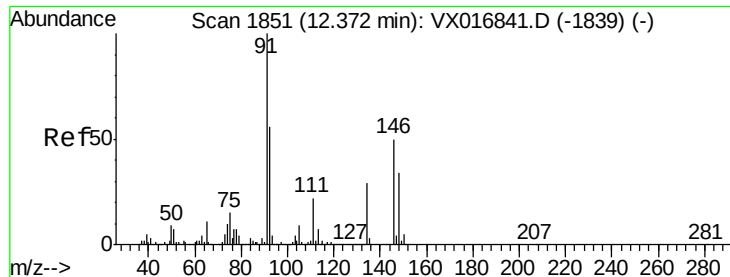
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#88
 1,4-Dichlorobenzene
 Concen: 18.800 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.0	57.0
148	64.1	31.6	95.0





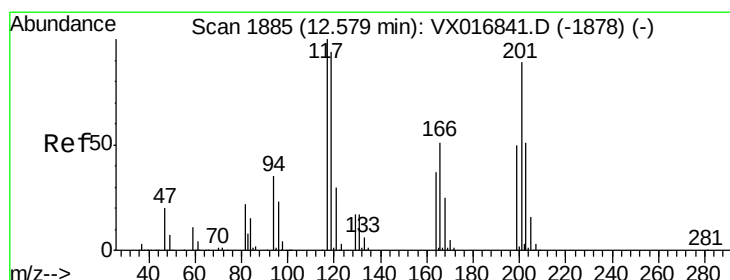
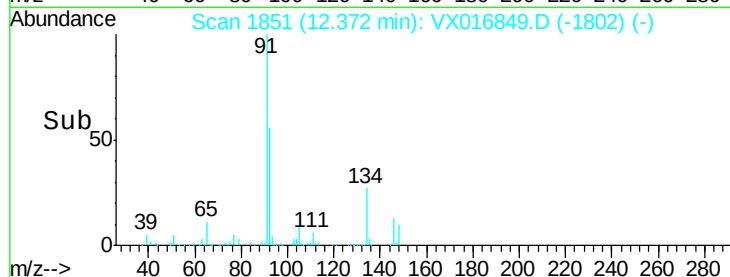
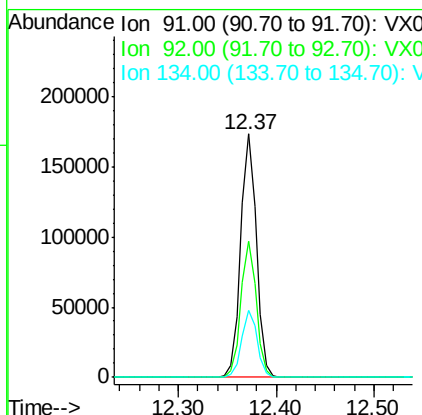
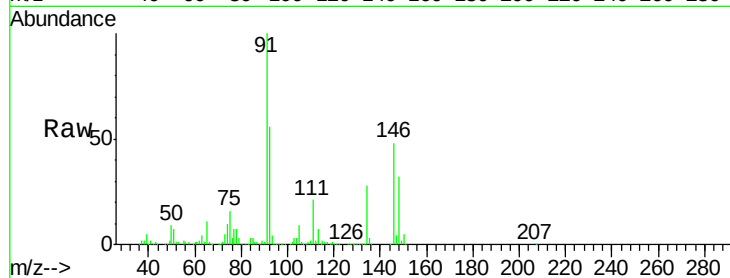
#89
n-Butylbenzene
Concen: 18.669 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	27.3	13.9	41.6

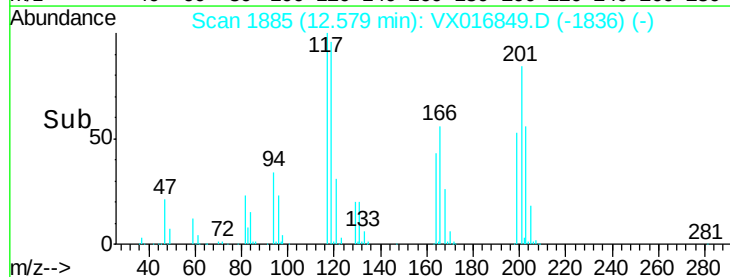
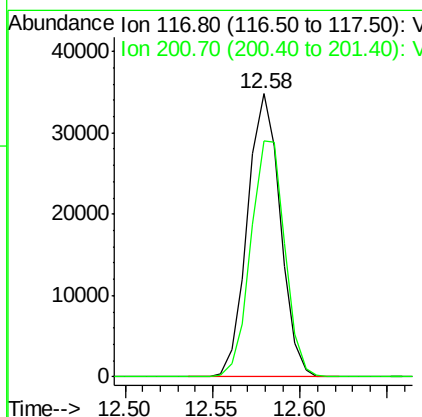
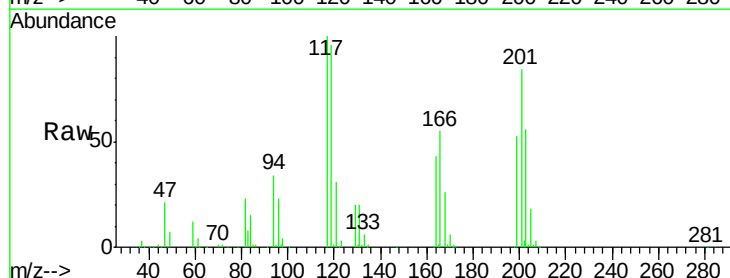
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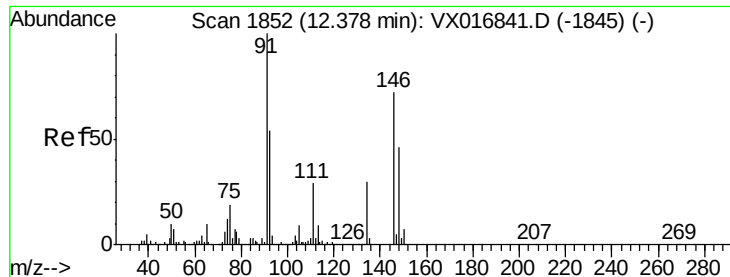
MMDadoda
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#90
Hexachloroethane
Concen: 21.006 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	44.9	134.5





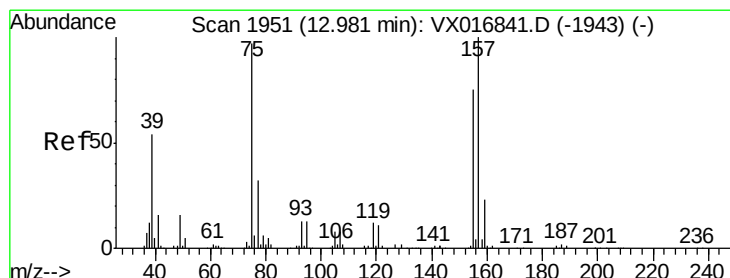
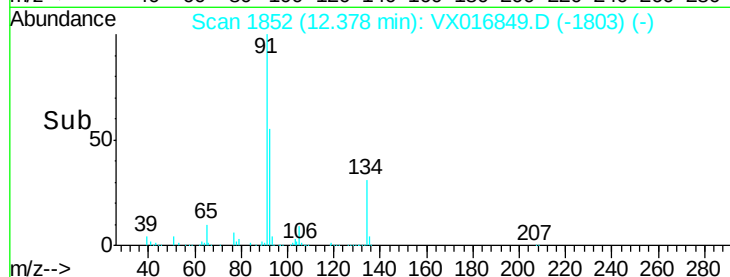
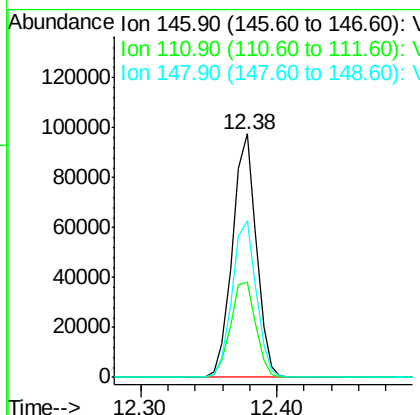
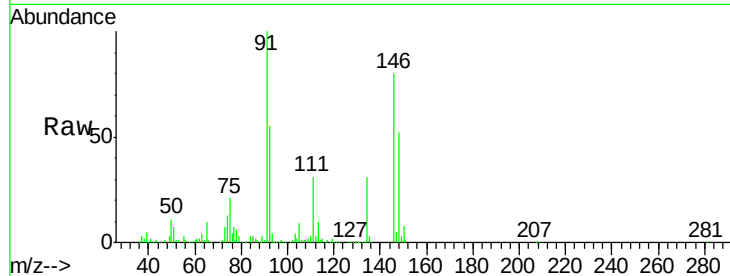
#91
 1,2-Dichlorobenzene
 Concen: 18.582 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118991		
111	41.3	20.9	62.7	
148	65.1	32.9	98.6	

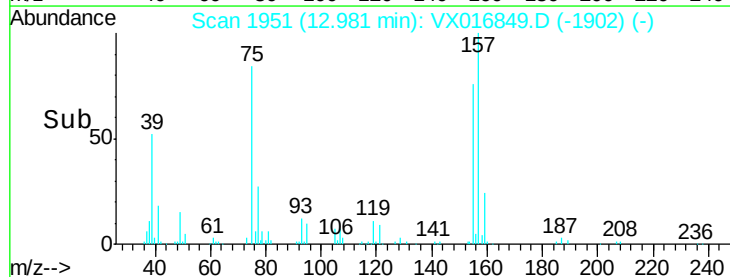
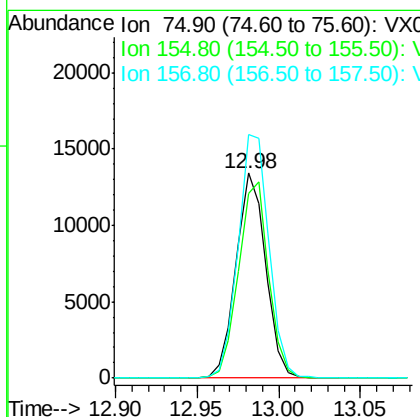
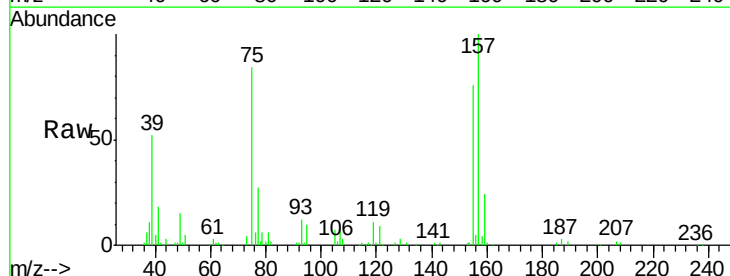
Manual Integrations
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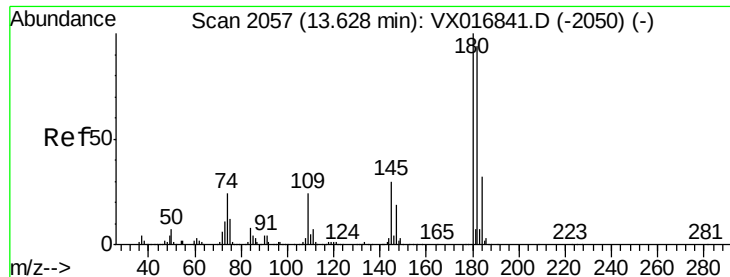
MMDadoda
 6/19/2020 12:50:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.097 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17022		
155	96.7	46.4	139.1	
157	123.7	58.6	175.8	





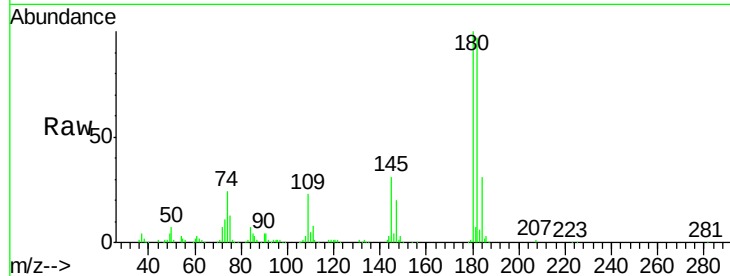
#93
 1,2,4-Trichlorobenzene
 Concen: 19.364 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

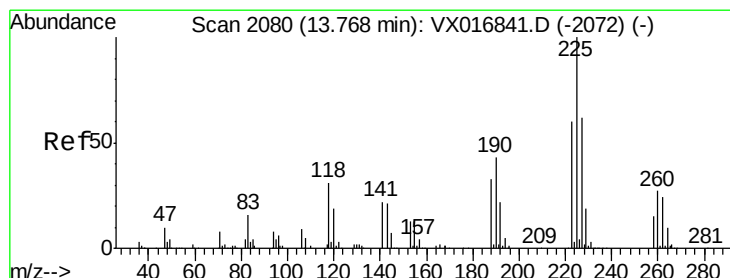
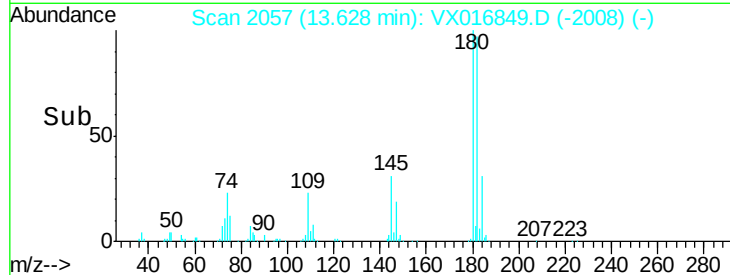
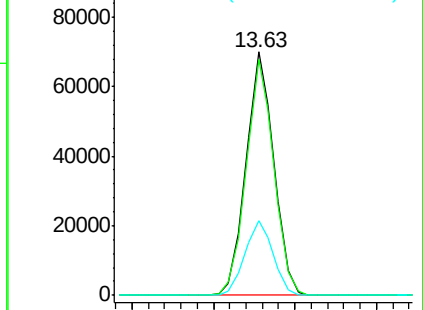
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	31.1	15.0	45.1

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:20 PM

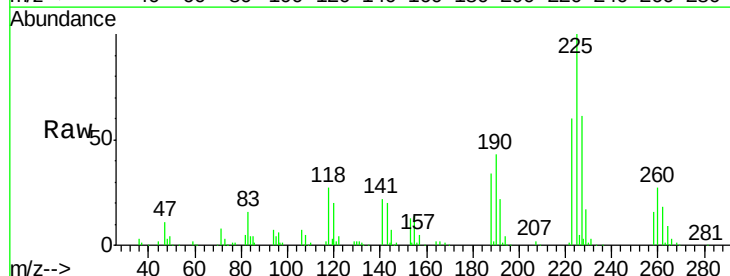


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

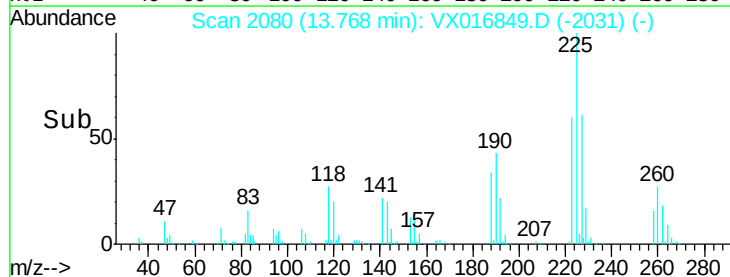
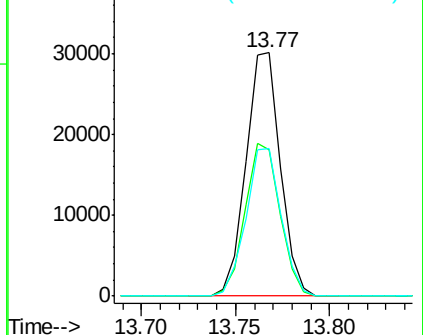


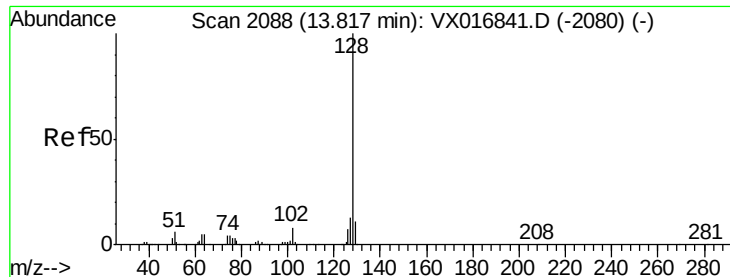
#94
 Hexachlorobutadiene
 Concen: 19.635 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.1	96.5
227	62.3	32.3	96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.573 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

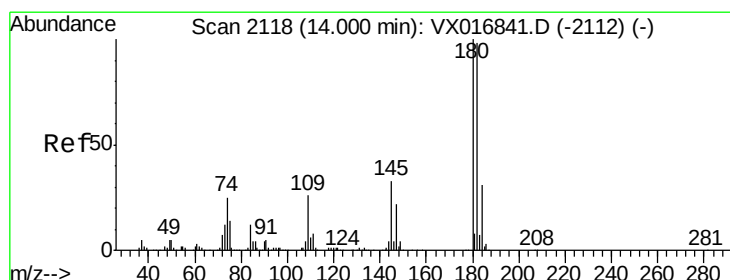
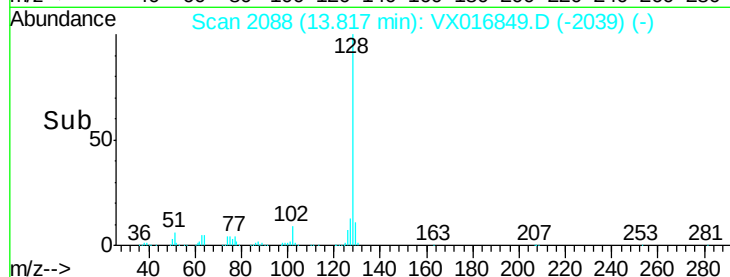
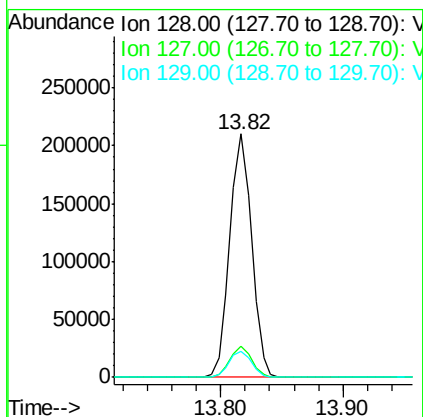
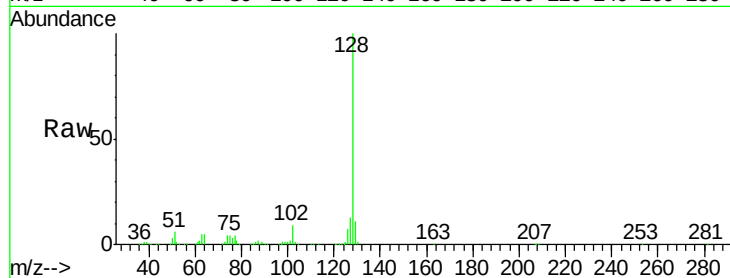
ClientSampleId :

VX0618WBS01

Tot Ion:	128	Resp:	259721
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.582 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:	180	Resp:	83971
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.4	142.3
145	32.5	16.0	48.0

