

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016192.D
 Acq On : 13 May 2020 20:00
 Operator : JC/SP
 Sample : L2597-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:15:59 PM

Quant Time: May 14 07:20:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	269225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	443747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165778	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.47	113	135053	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	8.70	98	523000	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.12	95	204868	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	140993	49.477	ug/l	99
3) Chloromethane	1.31	50	157403	47.562	ug/l	99
4) Vinyl Chloride	1.39	62	168349	47.680	ug/l	99
5) Bromomethane	1.62	94	75033	42.152	ug/l	98
6) Chloroethane	1.70	64	102037	47.496	ug/l	98
7) Trichlorofluoromethane	1.91	101	220300	47.525	ug/l	97
8) Diethyl Ether	2.17	74	91164	46.677	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	122929	45.966	ug/l	100
10) Methyl Iodide	2.49	142	128575	35.792	ug/l	100
11) Tert butyl alcohol	3.02	59	208768	233.035	ug/l	100
12) 1,1-Dichloroethene	2.36	96	127820	45.673	ug/l	97
13) Acrolein	2.27	56	121298	216.371	ug/l	99
14) Allyl chloride	2.71	41	235155	45.827	ug/l	96
15) Acrylonitrile	3.12	53	452180	243.307	ug/l	99
16) Acetone	2.42	43	359043	227.137	ug/l	96
17) Carbon Disulfide	2.55	76	378089	44.966	ug/l	99
18) Methyl Acetate	2.75	43	182479	46.950	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	487315	50.511	ug/l	99
20) Methylene Chloride	2.84	84	153255	47.030	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	147531	47.305	ug/l	94
22) Diisopropyl ether	3.82	45	473111	48.872	ug/l	95
23) Vinyl Acetate	3.79	43	1929751	226.578	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268872	49.650	ug/l	99
25) 2-Butanone	4.64	43	623718	244.864	ug/l	99
26) 2,2-Dichloropropane	4.56	77	200031	40.446	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	184956	54.247	ug/l	96
28) Bromochloromethane	4.98	49	124580	50.451	ug/l	97
29) Tetrahydrofuran	5.09	42	408151	241.827	ug/l	98
30) Chloroform	5.18	83	273188	50.666	ug/l	99
31) Cyclohexane	5.55	56	228458	46.420	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	245927	50.178	ug/l	99
36) 1,1-Dichloropropene	5.77	75	202667	46.397	ug/l	99
37) Ethyl Acetate	4.79	43	222338	43.917	ug/l	100
38) Carbon Tetrachloride	5.75	117	214308	48.269	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220844	41.983	ug/l	98
40) Benzene	6.12	78	616833	48.263	ug/l	100
41) Methacrylonitrile	5.01	41	126656	46.324	ug/l	97
42) 1,2-Dichloroethane	6.17	62	217483	47.237	ug/l	100
43) Isopropyl Acetate	6.42	43	366054	45.316	ug/l	99
44) Trichloroethene	7.19	130	213056	46.923	ug/l	99
45) 1,2-Dichloropropane	7.49	63	160160	49.524	ug/l	98
46) Dibromomethane	7.64	93	106679	48.541	ug/l	99
47) Bromodichloromethane	7.88	83	221312	49.444	ug/l	99
48) Methyl methacrylate	7.75	41	181158	47.329	ug/l	96
49) 1,4-Dioxane	7.71	88	85669	933.224	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1198400	242.439	ug/l	98
52) Toluene	8.77	92	393428	49.386	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	251251	47.080	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	264099	47.378	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	157468	50.240	ug/l	98
56) Ethyl methacrylate	9.16	69	256477	50.131	ug/l	96
57) 1,3-Dichloropropane	9.35	76	273013	49.920	ug/l	100
59) 2-Hexanone	9.48	43	936728	241.304	ug/l	98
60) Dibromochloromethane	9.57	129	178536	51.720	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170651	50.265	ug/l	100
64) Tetrachloroethene	9.32	164	234548	45.778	ug/l	98
65) Chlorobenzene	10.12	112	422299	48.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	161843	50.106	ug/l	98
67) Ethyl Benzene	10.24	91	745829	47.832	ug/l	99
68) m/p-Xylenes	10.34	106	568967	97.393	ug/l	99
69) o-Xylene	10.68	106	274802	48.936	ug/l	99
70) Styrene	10.70	104	469142	49.245	ug/l	100
71) Bromoform	10.84	173	139496	53.008	ug/l	100
73) Isopropylbenzene	11.00	105	723332	45.861	ug/l	100
74) N-amyl acetate	10.88	43	310196	42.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	178271	56.591	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	231204m	46.985	ug/l	
77) Bromobenzene	11.24	156	189247	46.485	ug/l	99
78) n-propylbenzene	11.34	91	829473	45.206	ug/l	100
79) 2-Chlorotoluene	11.41	91	499930	46.158	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	617999	46.407	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	90613	43.883	ug/l	98
82) 4-Chlorotoluene	11.49	91	598055	46.760	ug/l	99
83) tert-Butylbenzene	11.76	119	530525	46.227	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	622290	46.221	ug/l	100
85) sec-Butylbenzene	11.93	105	677680	43.734	ug/l	100
86) p-Isopropyltoluene	12.05	119	637954	44.343	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338801	46.349	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	338657	45.646	ug/l	99
89) n-Butylbenzene	12.37	91	543336	41.340	ug/l	99
90) Hexachloroethane	12.58	117	113762	46.043	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	326216	46.347	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57969	44.698	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	230957	44.320	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	80022	35.812	ug/l	100
95) Naphthalene	13.82	128	791182	46.889	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	225956	44.367	ug/l	98

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

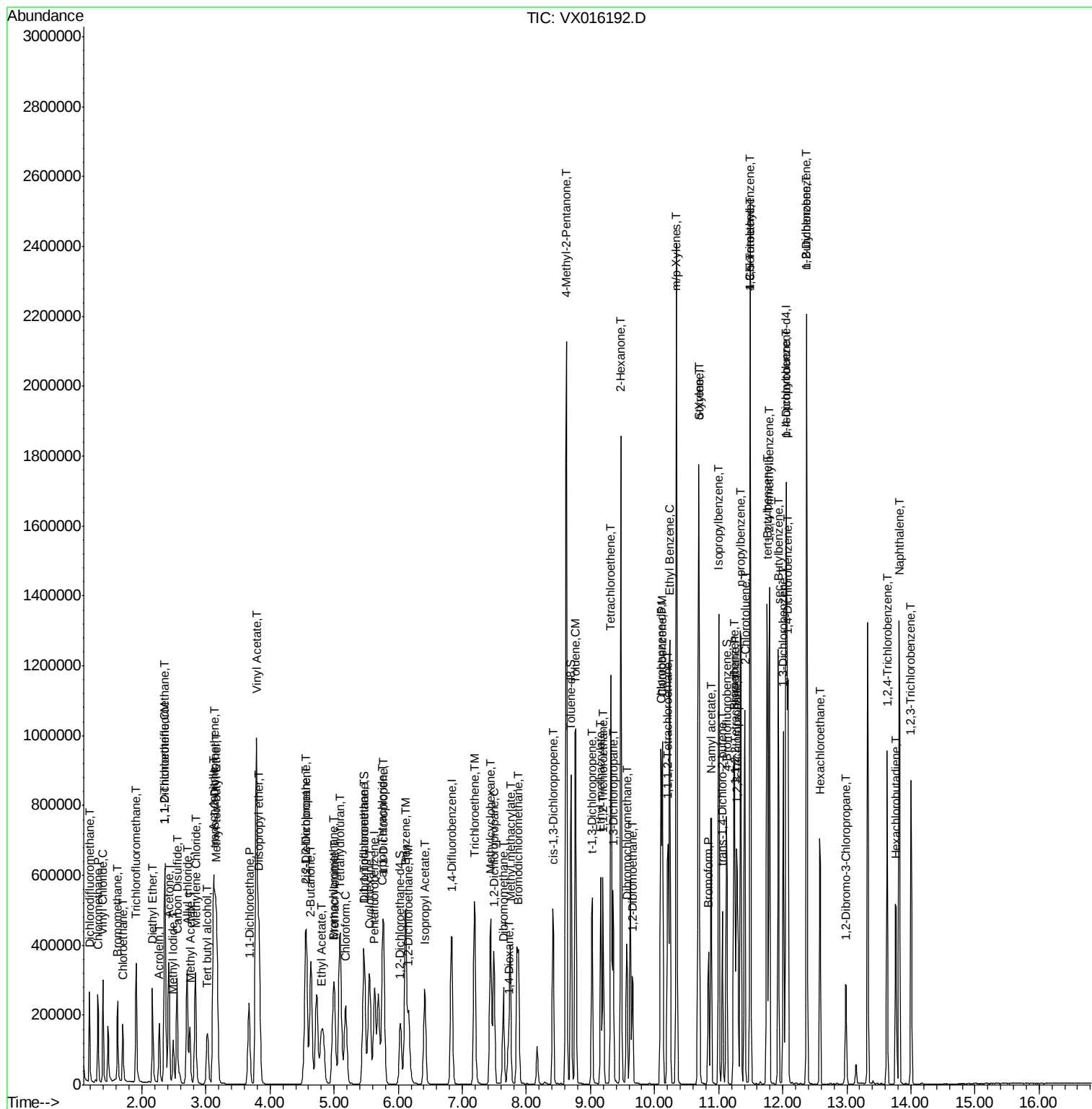
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 Data File : VX016192.D
 Acq On : 13 May 2020 20:00
 Operator : JC/SP
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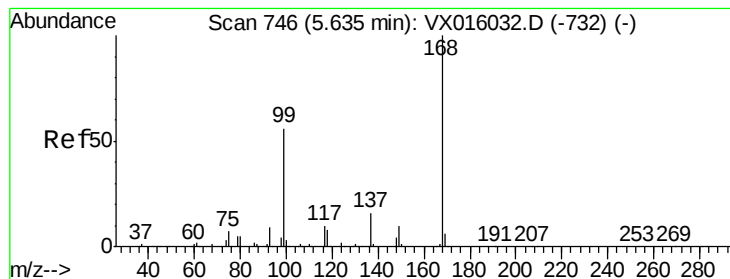
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion:168 Resp: 269225

Ion Ratio Lower Upper

168 100

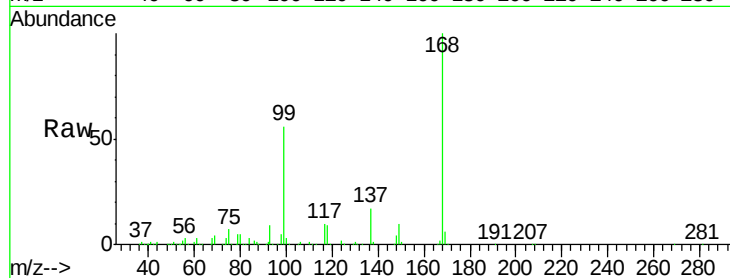
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Manual Integrations

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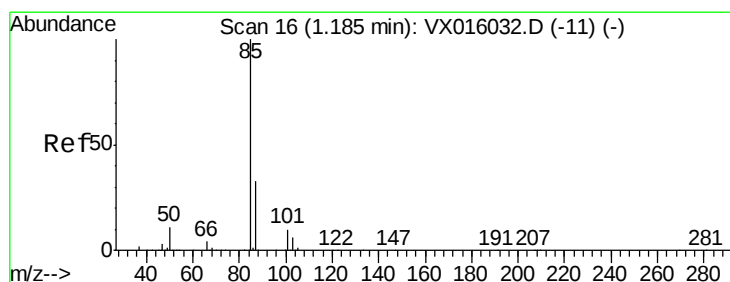
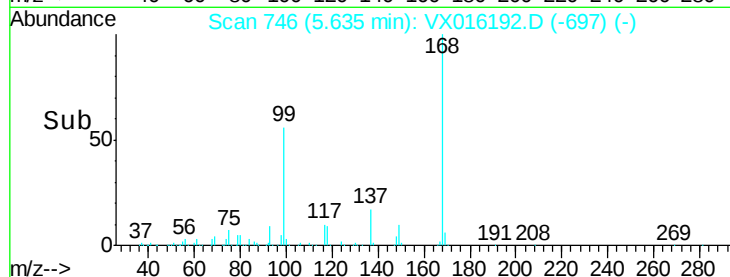
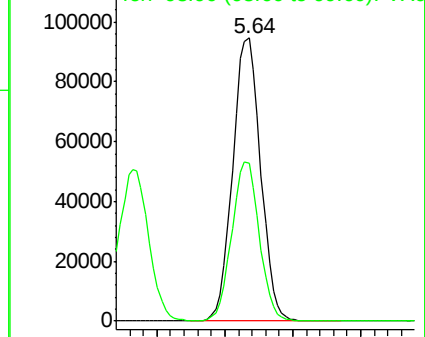
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.477 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016192.D

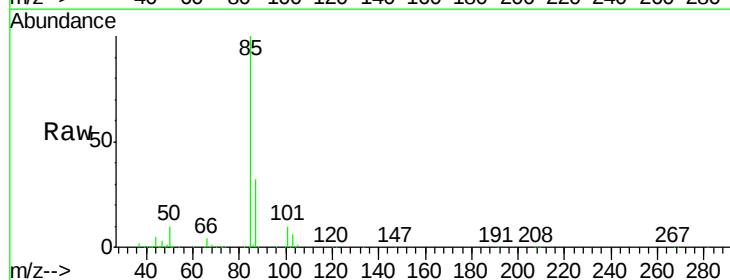
Acq: 13 May 2020 20:00

Tgt Ion: 85 Resp: 140993

Ion Ratio Lower Upper

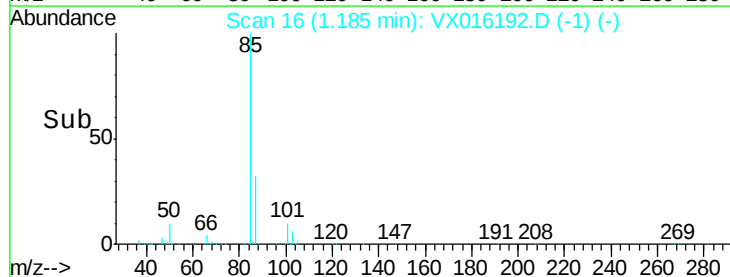
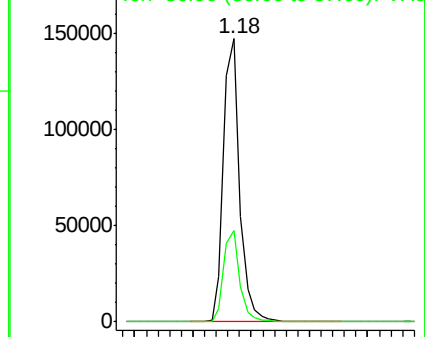
85 100

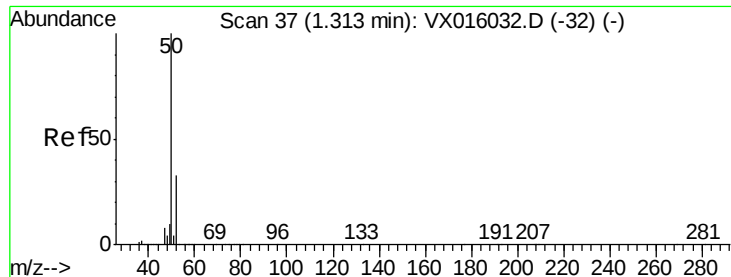
87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.562 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 50 Resp: 157403

Ion Ratio Lower Upper

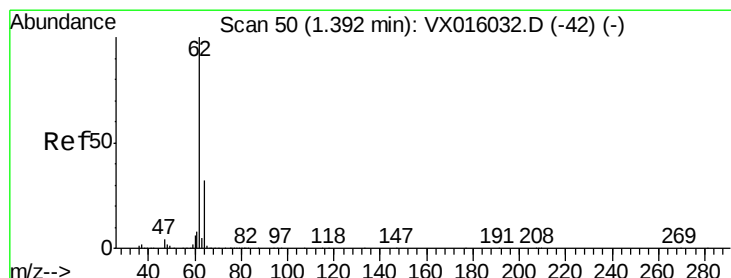
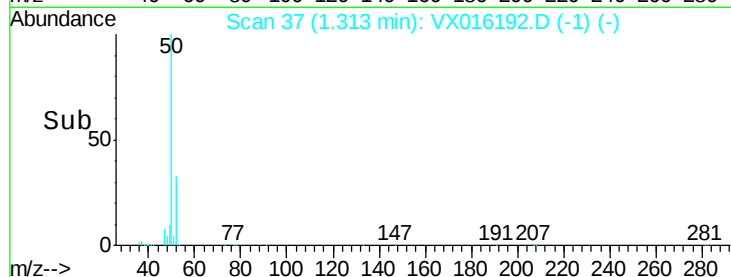
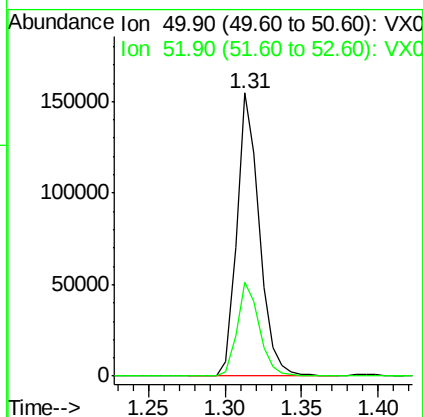
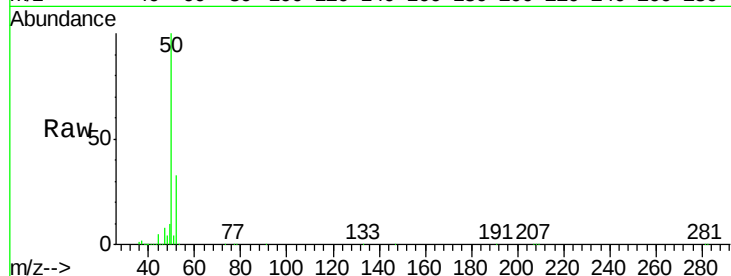
50 100

52 33.1 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.680 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016192.D

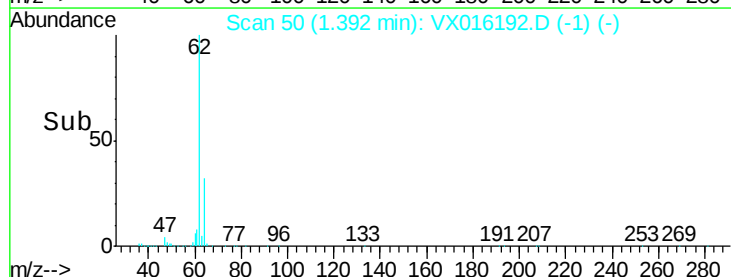
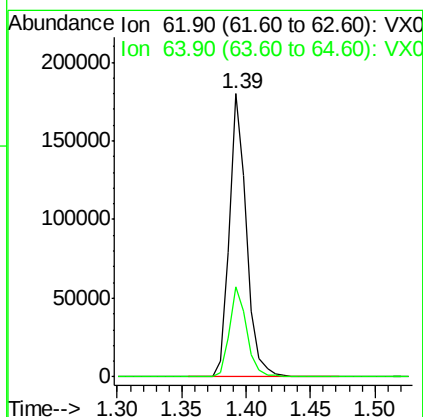
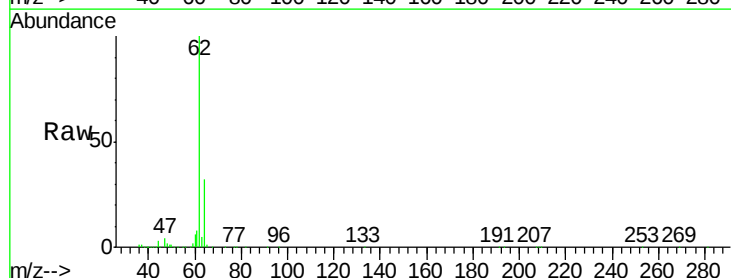
Acq: 13 May 2020 20:00

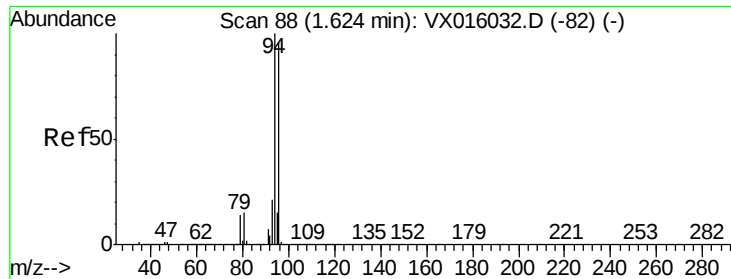
Tgt Ion: 62 Resp: 168349

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 42.152 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

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Tot Ion: 94 Resp: 75033

Ion Ratio Lower Upper

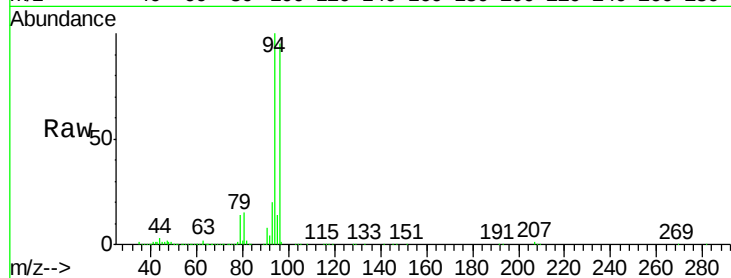
94 100

96 94.6 76.9 115.3

Manual Integrations
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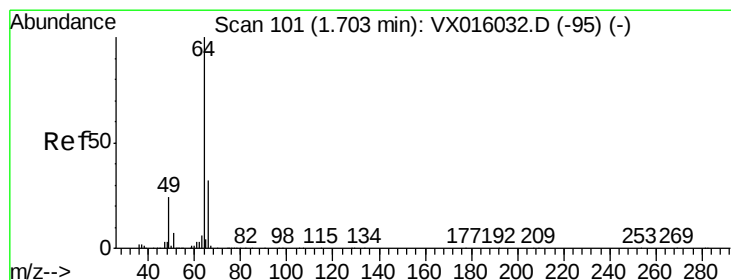
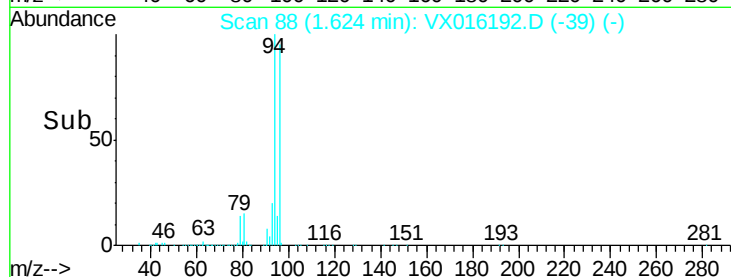
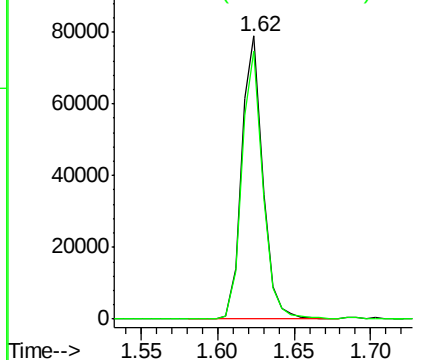
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.496 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016192.D

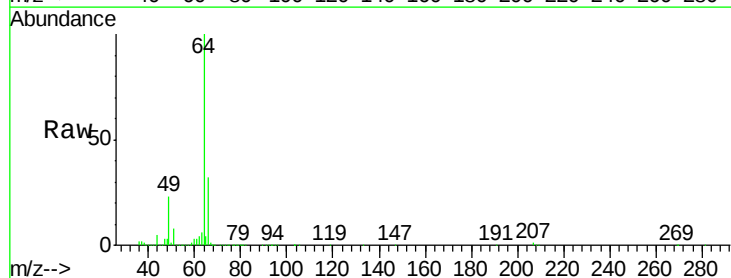
Acq: 13 May 2020 20:00

Tgt Ion: 64 Resp: 102037

Ion Ratio Lower Upper

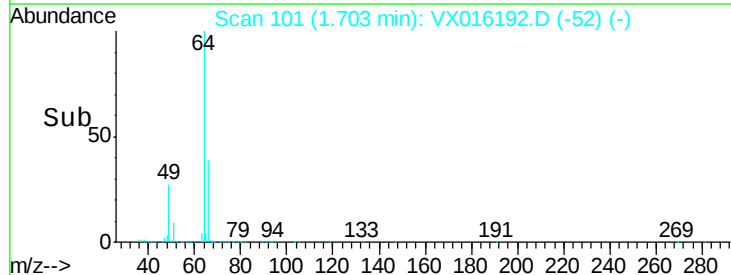
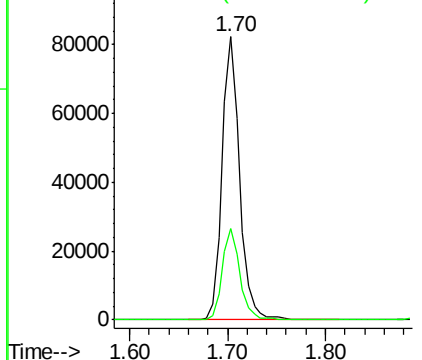
64 100

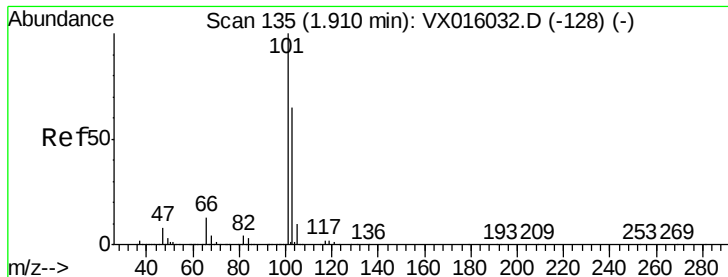
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

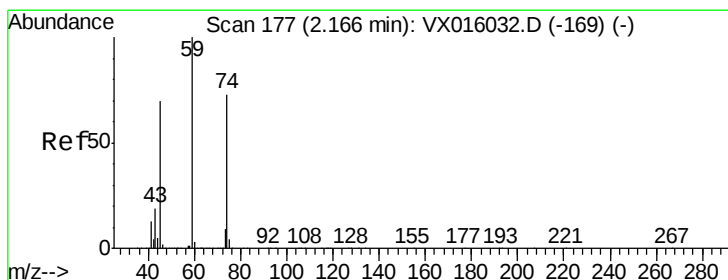
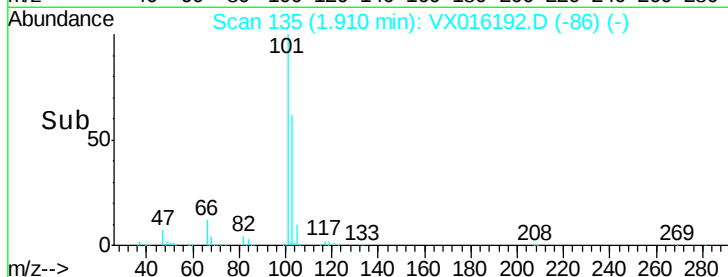
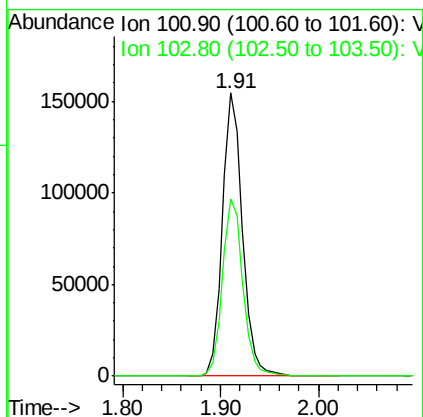
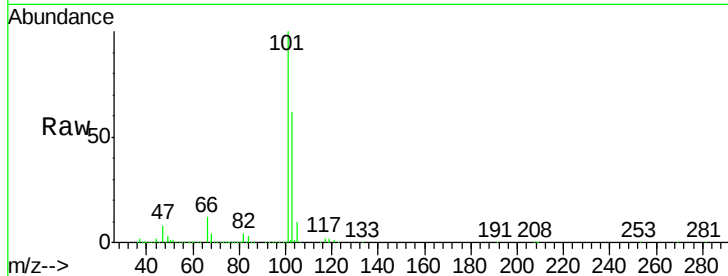
Trichlorofluoromethane
Concen: 47.525 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.8	77.6

Manual Integrations
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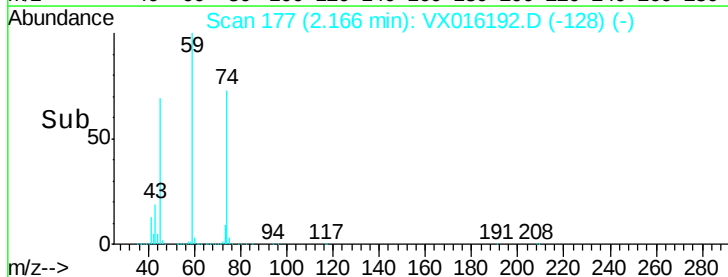
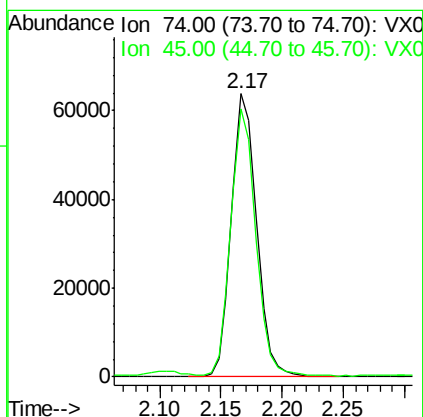
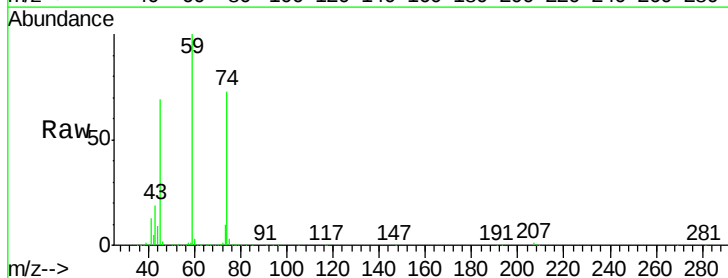
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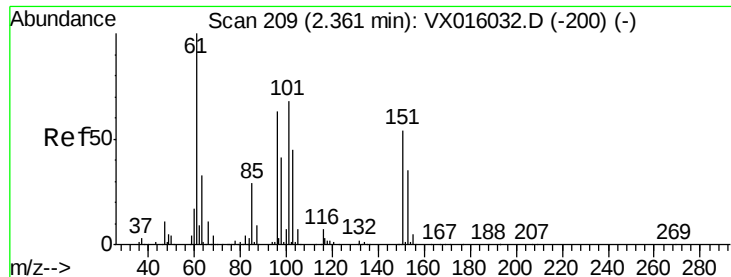


#8

Diethyl Ether
Concen: 46.677 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.966 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

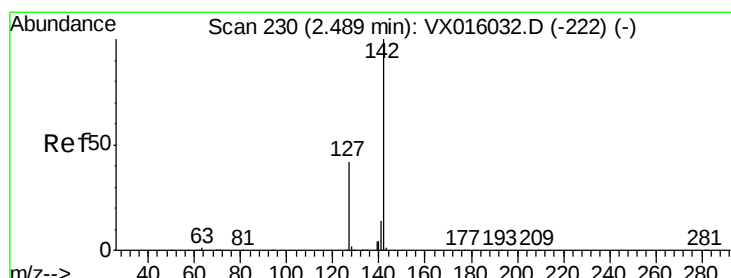
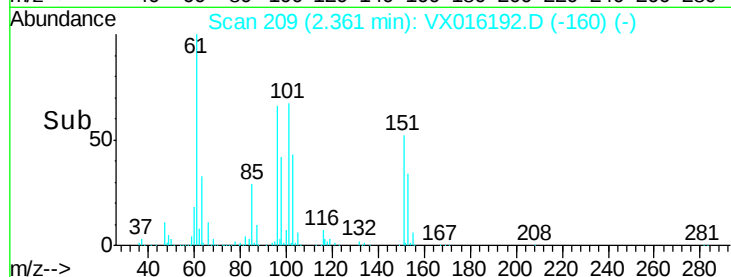
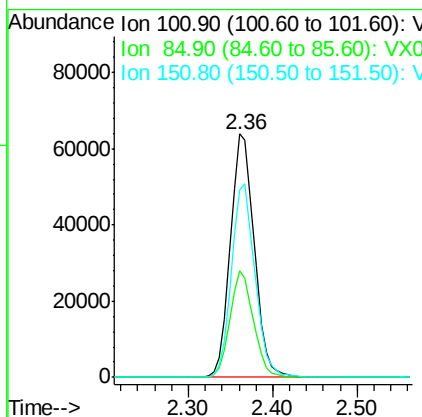
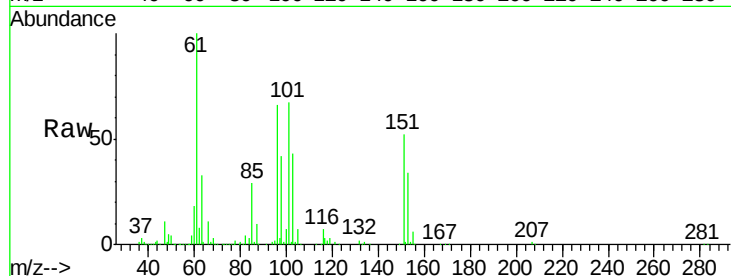
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	101	Resp:	122929
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	78.2	62.1	93.1

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#10

Methyl Iodide

Concen: 35.792 ug/l

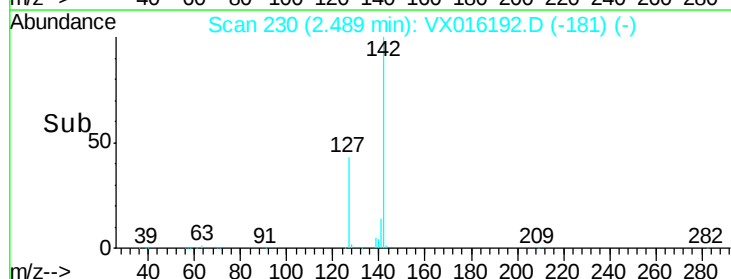
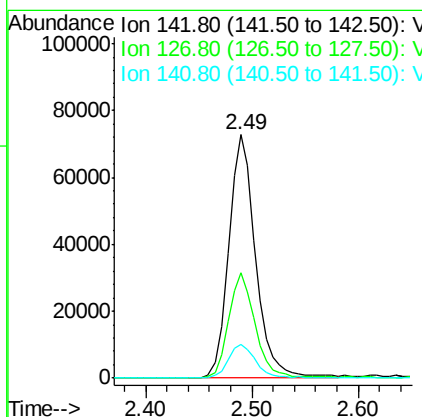
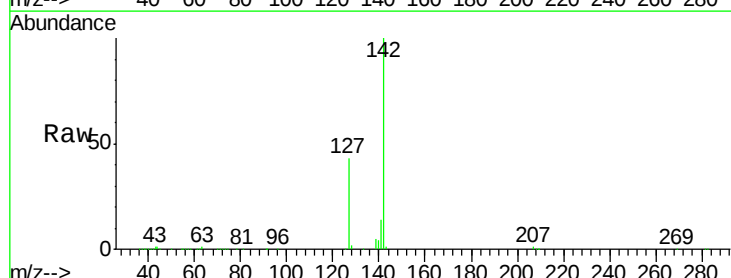
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	142	Resp:	128575
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.3	11.3	16.9





#11

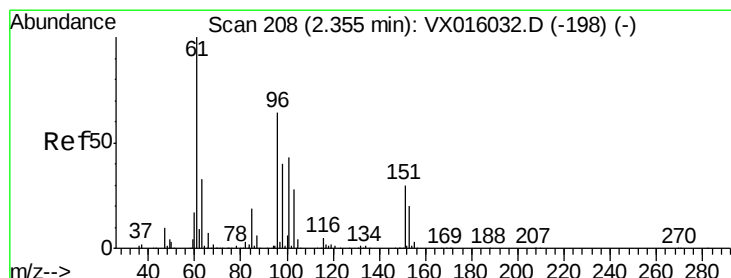
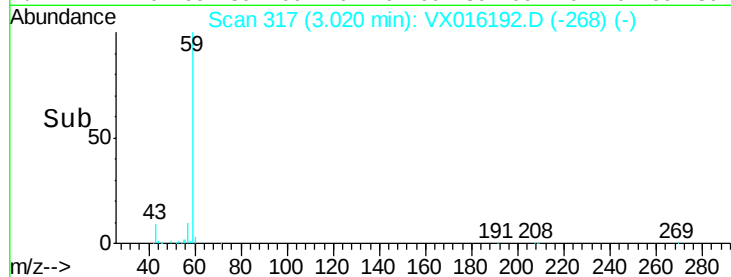
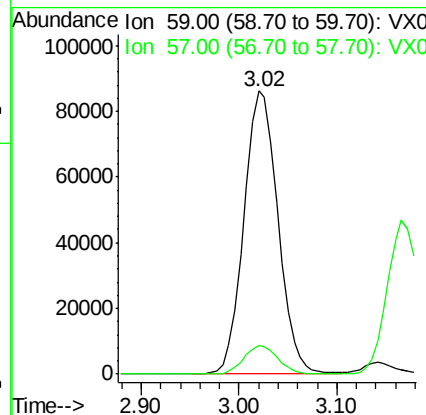
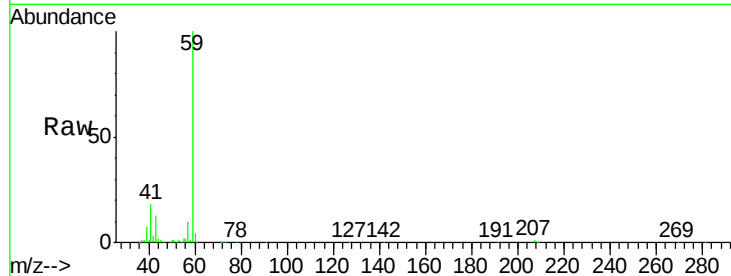
Tert butyl alcohol
Concen: 233.035 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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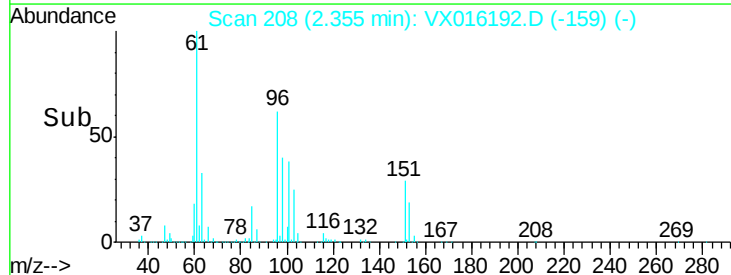
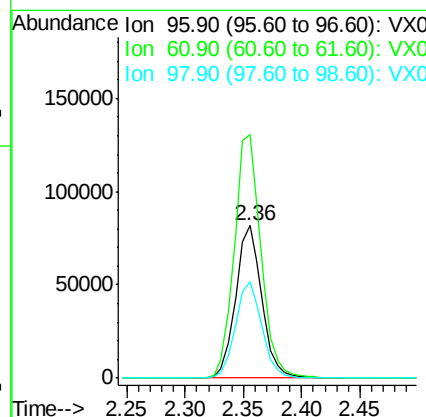
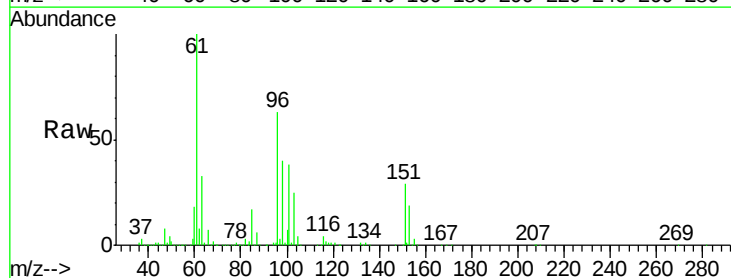
MMDadoda
5/14/2020 12:15:59 PM



#12

1,1-Dichloroethene
Concen: 45.673 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.0	124.8	187.2
98	63.2	49.7	74.5





#13

Acrolein

Concen: 216.371 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 56 Resp: 121298

Ion Ratio Lower Upper

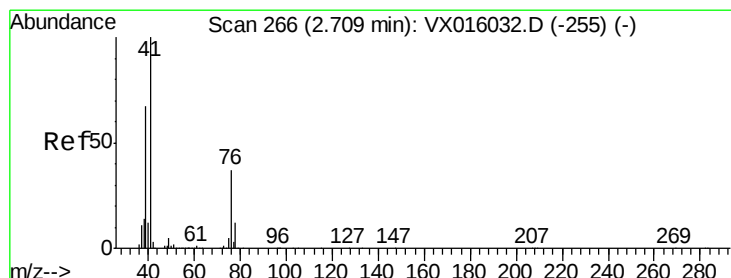
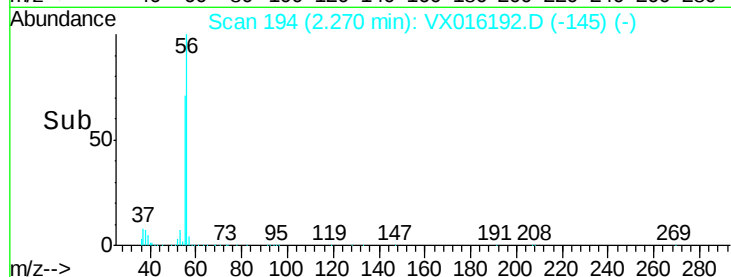
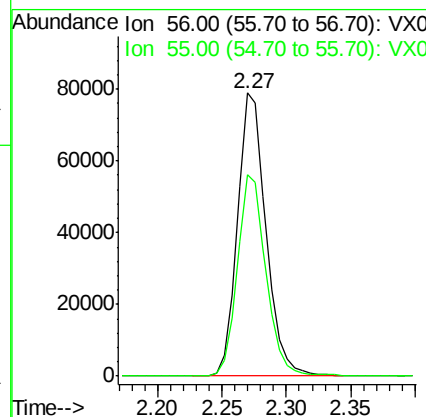
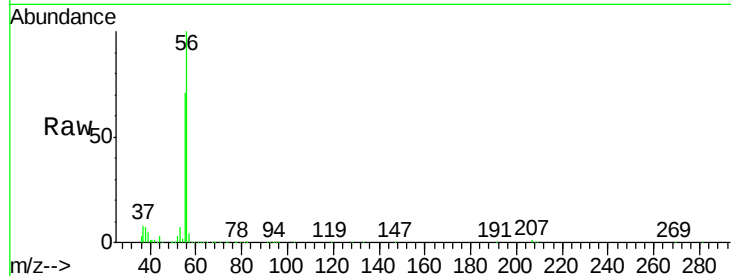
56 100

55 71.3 56.5 84.7

Manual Integrations
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#14

Allyl chloride

Concen: 45.827 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

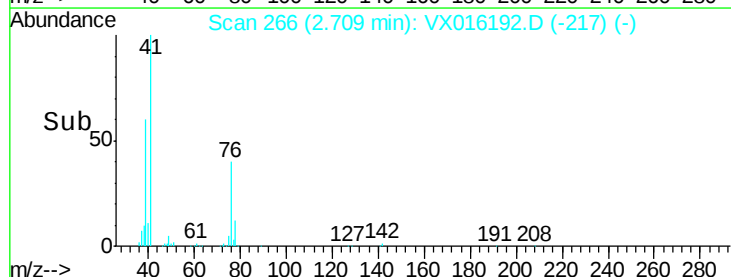
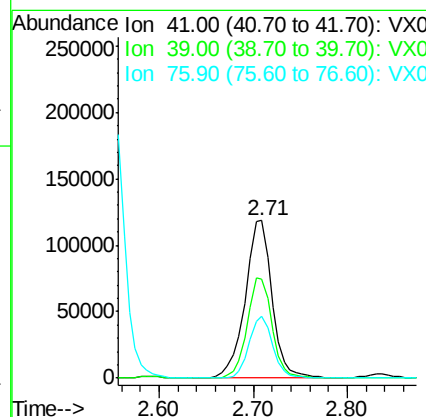
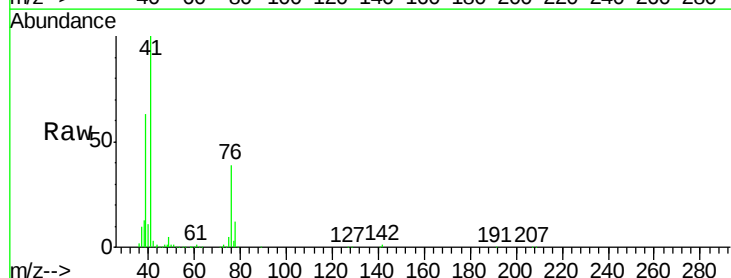
Tgt Ion: 41 Resp: 235155

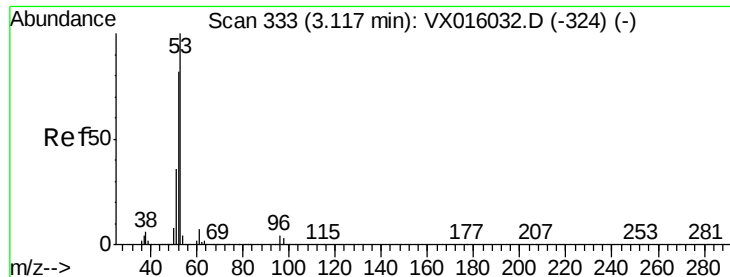
Ion Ratio Lower Upper

41 100

39 59.5 50.5 75.7

76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 243.307 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

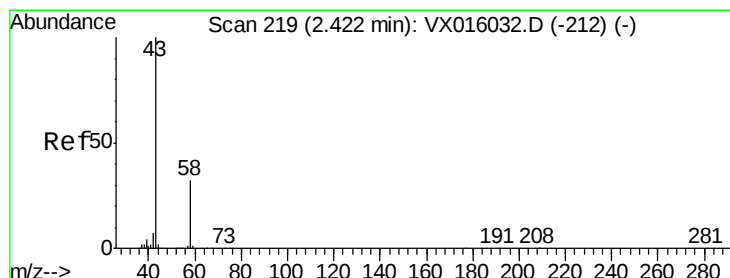
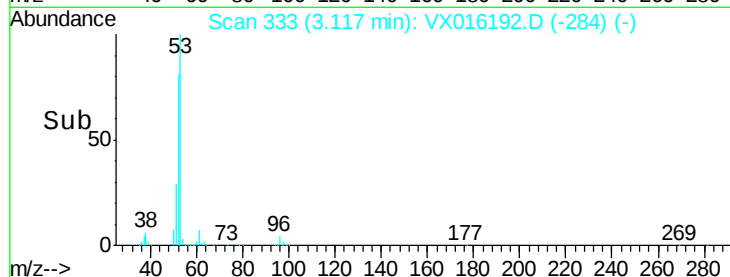
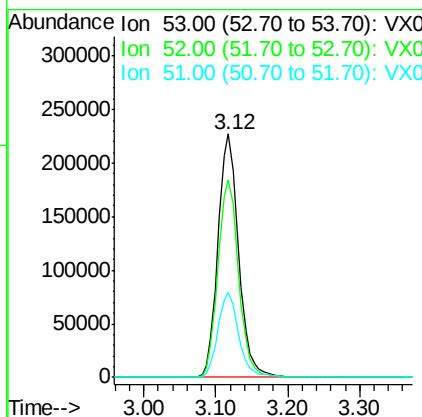
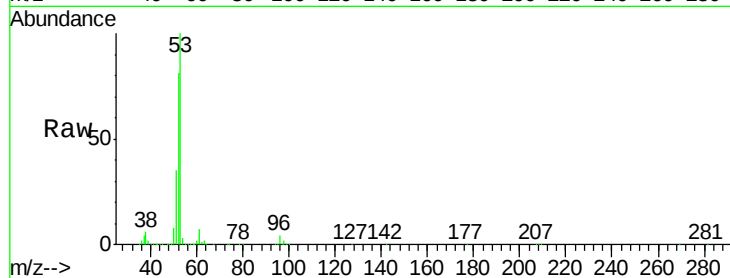
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	53	Resp:	452180
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.1	99.1
51	35.2	28.8	43.2

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#16

Acetone

Concen: 227.137 ug/l

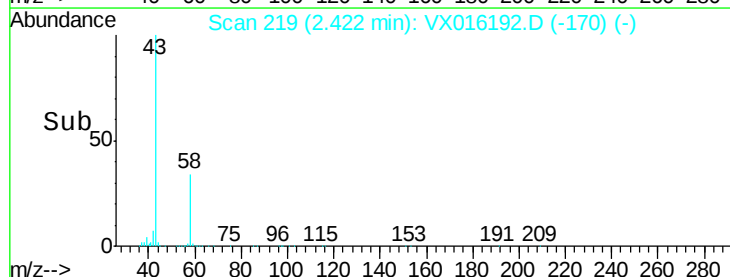
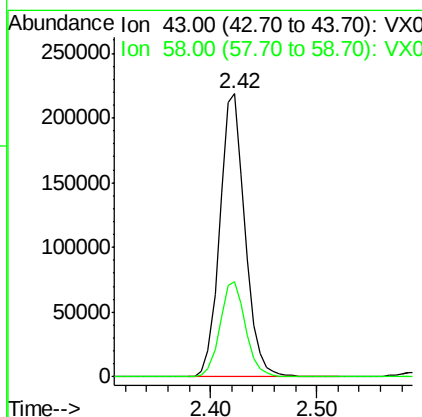
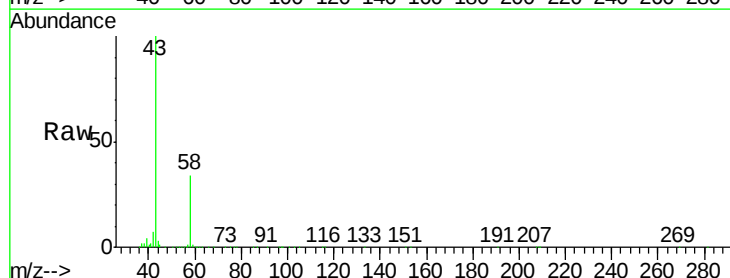
RT: 2.42 min Scan# 219

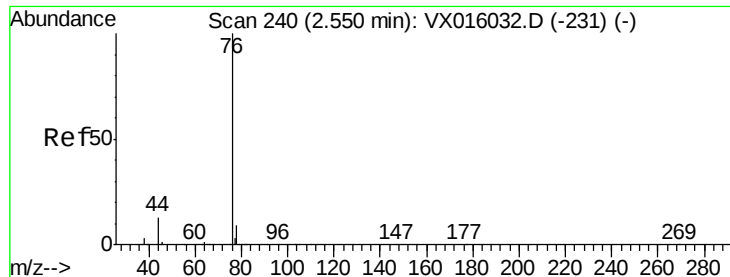
Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	43	Resp:	359043
Ion Ratio	Lower	Upper	
43	100		
58	33.8	25.4	38.0





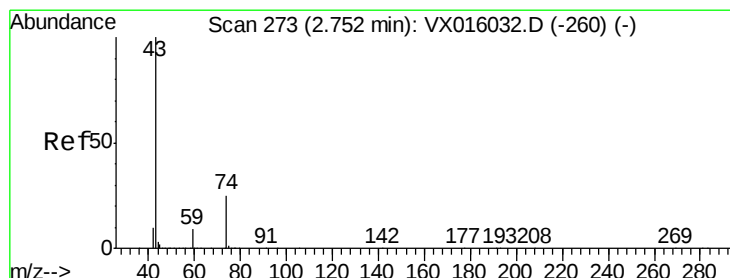
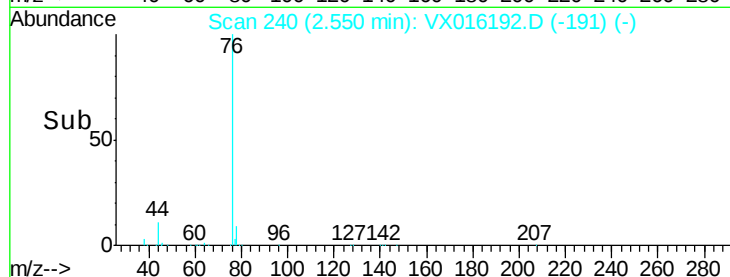
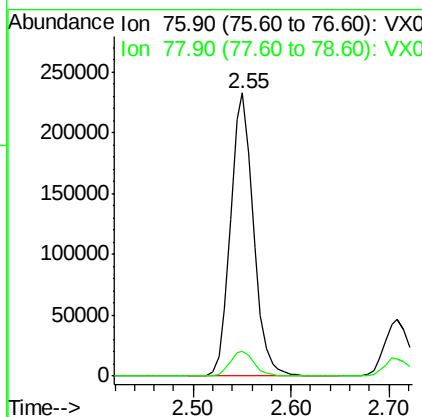
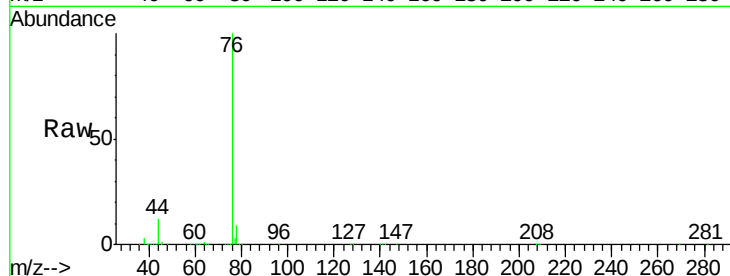
#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

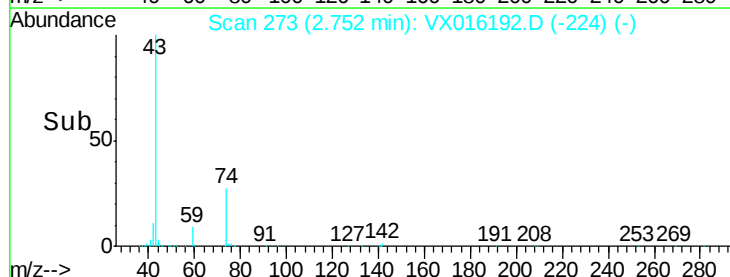
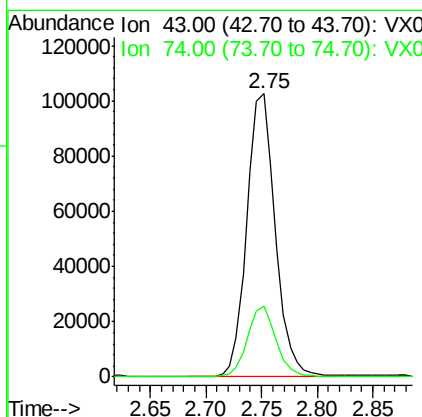
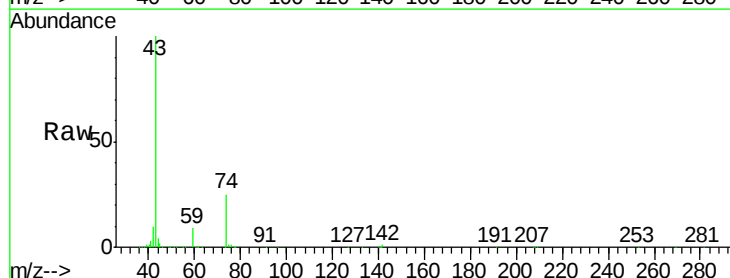
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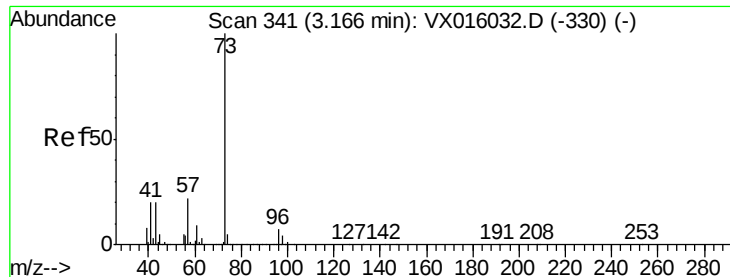
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#18
Methyl Acetate
Concen: 46.950 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.2	30.2





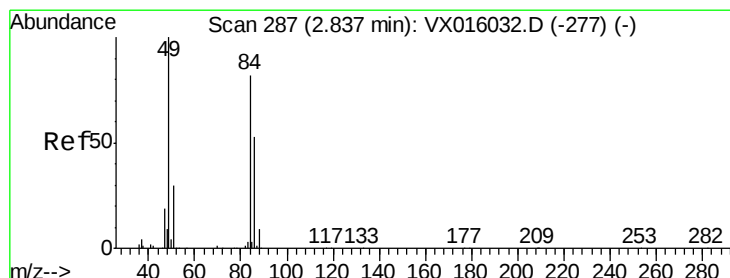
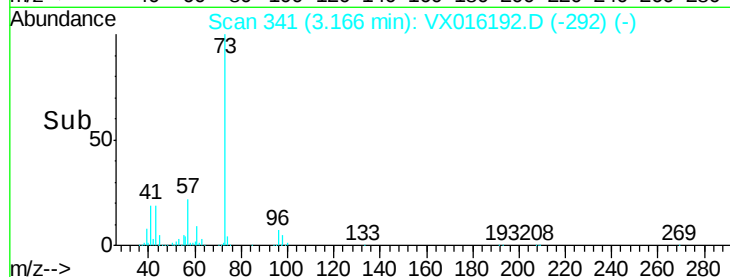
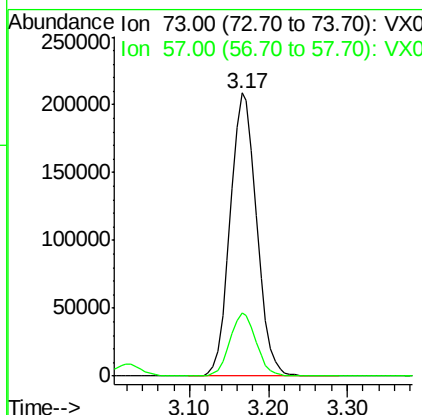
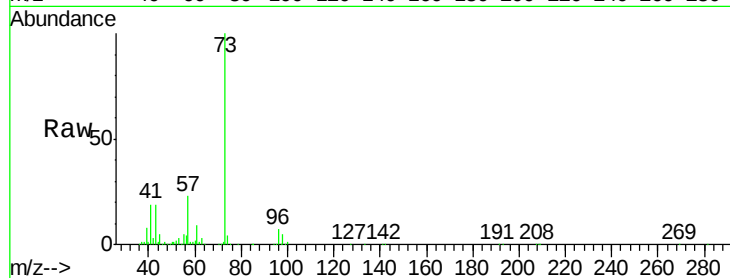
#19
Methvl tert-butvl Ether
Concen: 50.511 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.6

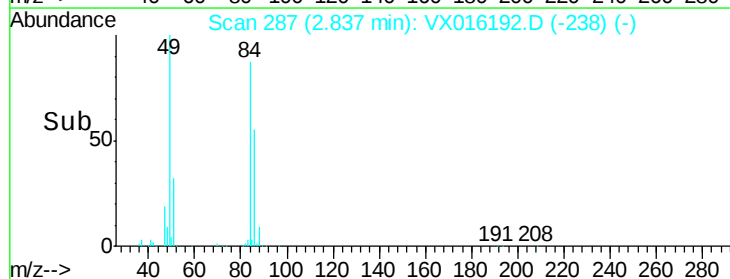
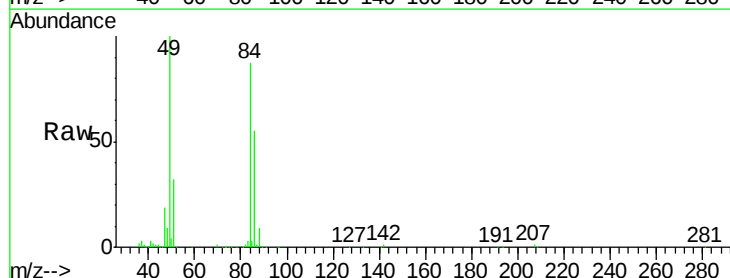
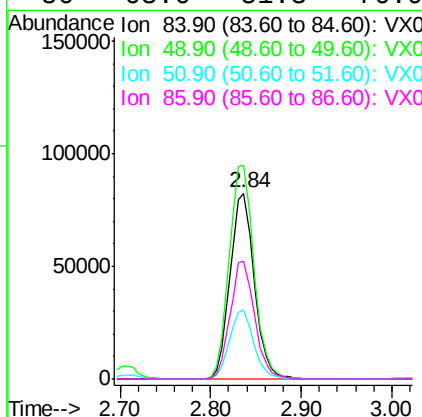
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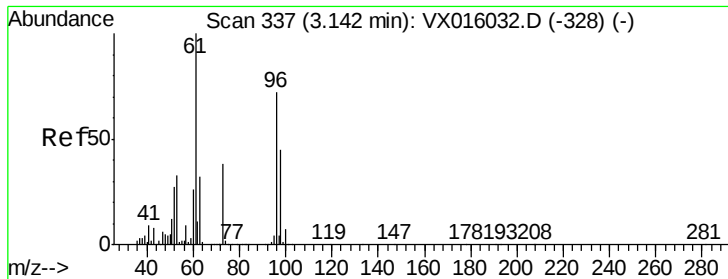
MMDadoda
5/14/2020 12:15:59 PM



#20
Methylene Chloride
Concen: 47.030 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	97.3	145.9
51	37.1	29.3	43.9
86	63.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.305 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

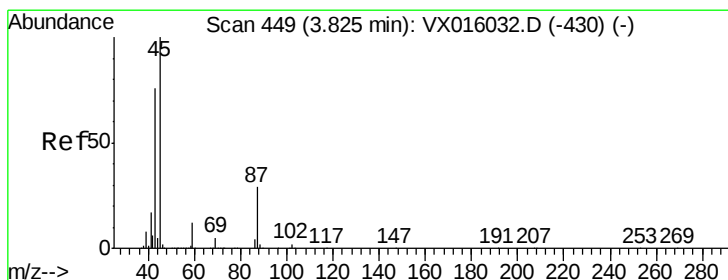
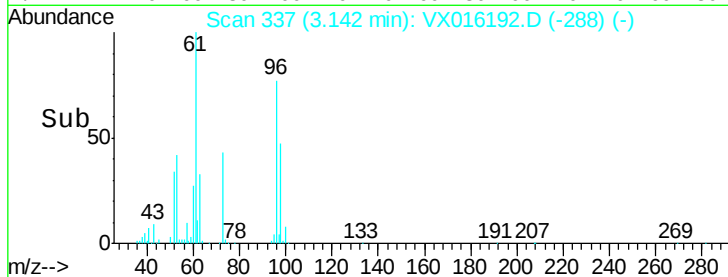
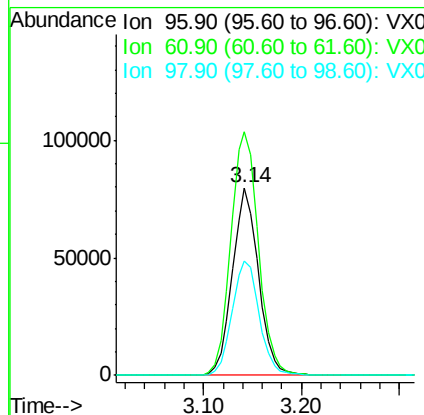
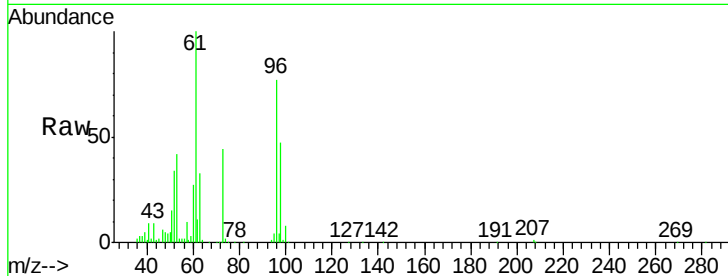
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	96	Resp:	147531
Ion	Ratio	Lower	Upper
96	100		
61	130.0	111.2	166.8
98	61.2	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.872 ug/l

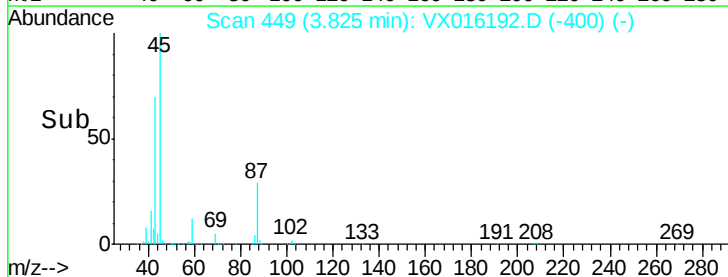
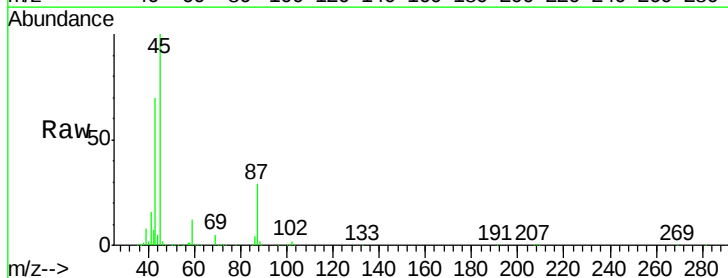
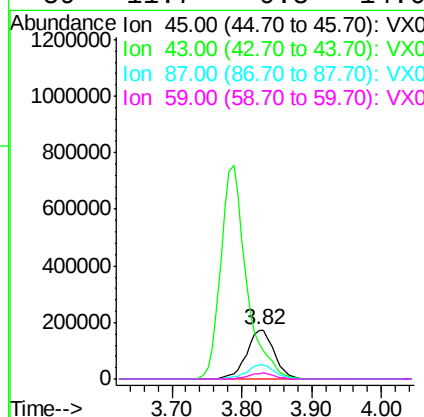
RT: 3.82 min Scan# 449

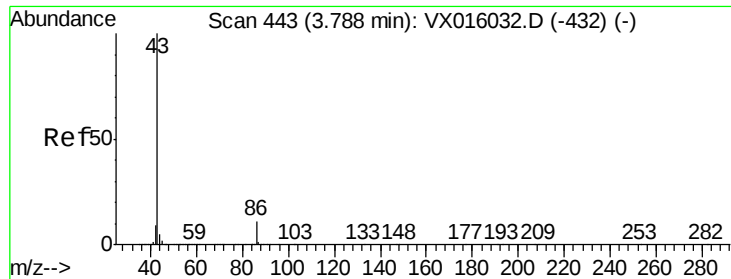
Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	45	Resp:	473111
Ion	Ratio	Lower	Upper
45	100		
43	70.0	61.1	91.7
87	29.2	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 226.578 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 43 Resp: 1929751

Ion Ratio Lower Upper

43 100

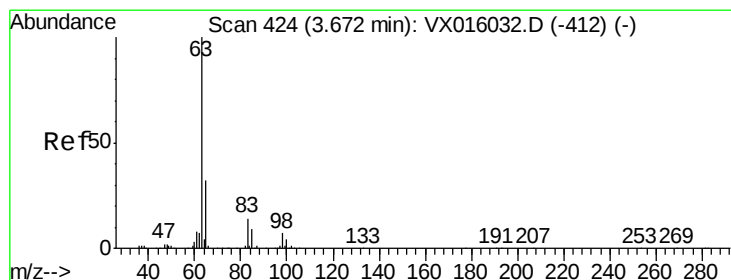
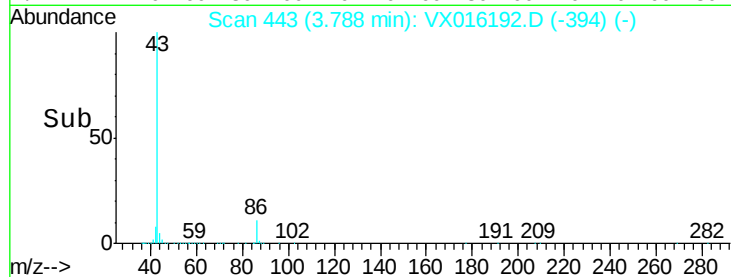
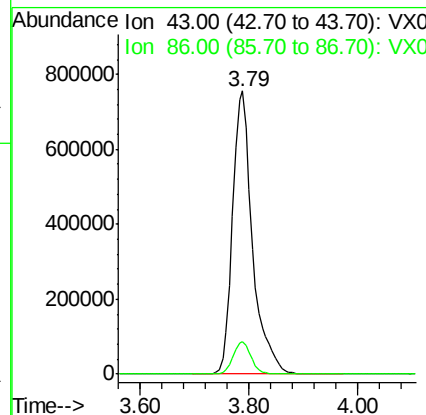
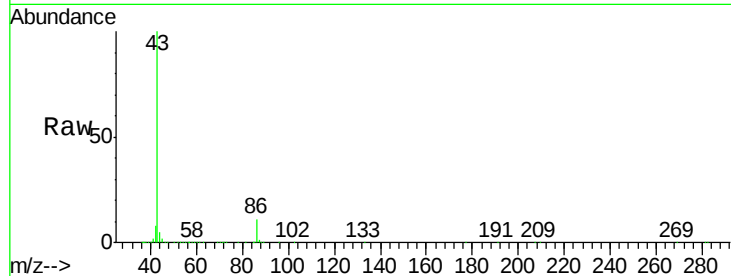
86 11.5 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.650 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

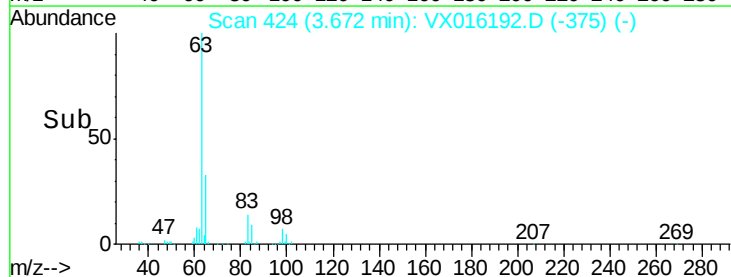
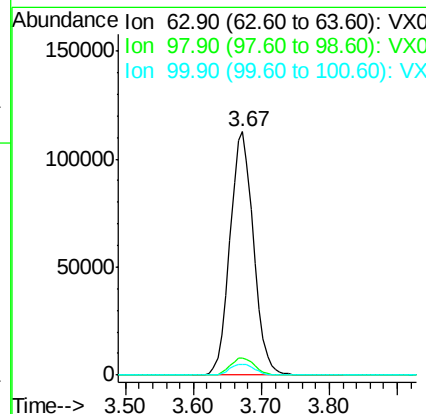
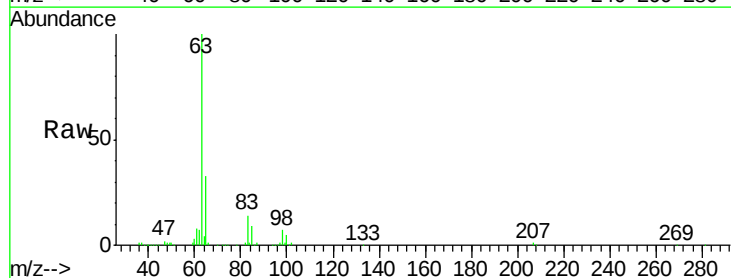
Tgt Ion: 63 Resp: 268872

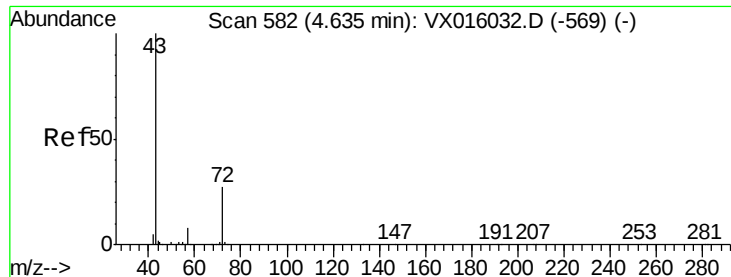
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.6 2.1 6.5





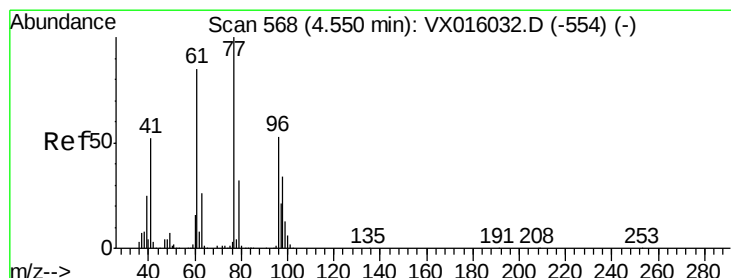
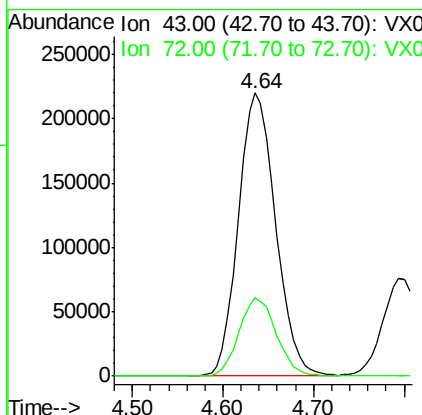
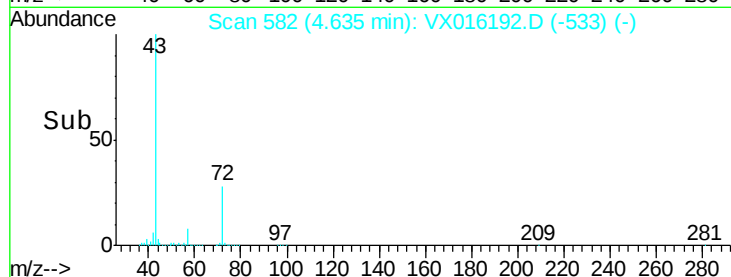
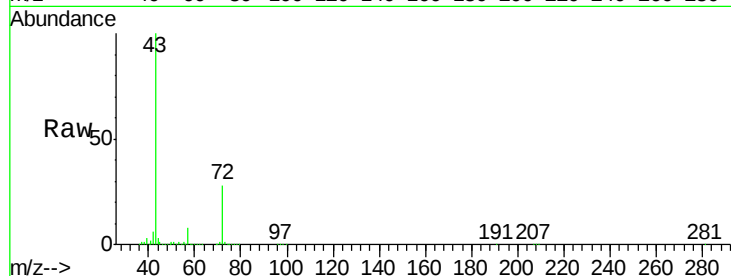
#25
2-Butanone
Concen: 244.864 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion: 43 Resp: 623718
Ion Ratio Lower Upper
43 100
72 27.8 21.8 32.8

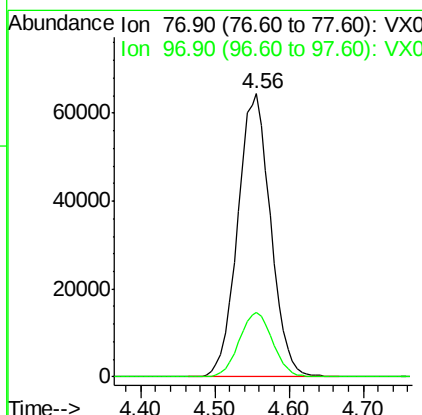
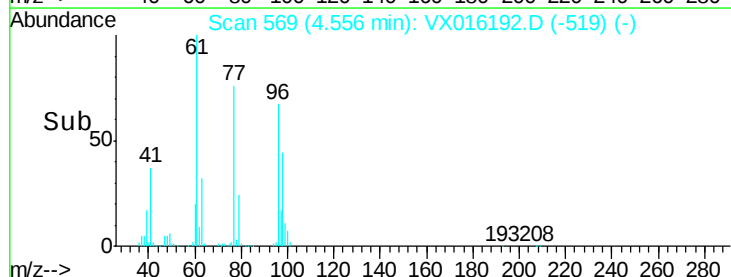
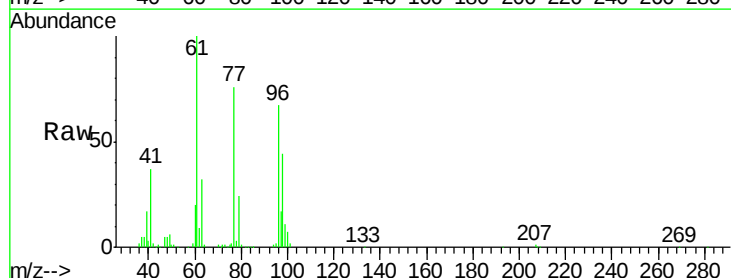
Manual Integrations
APPROVED

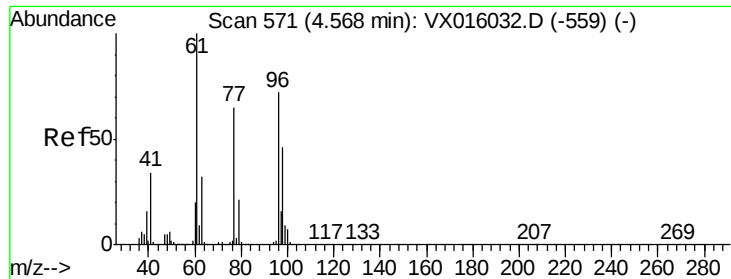
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#26
2,2-Dichloropropane
Concen: 40.446 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion: 77 Resp: 200031
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

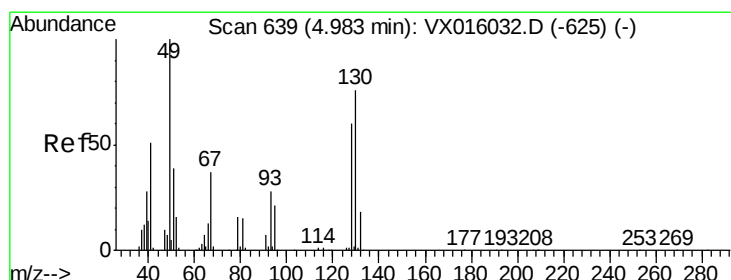
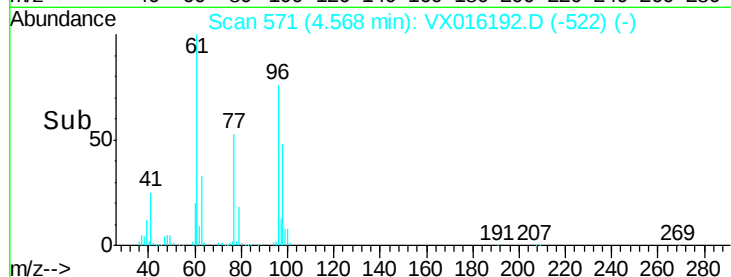
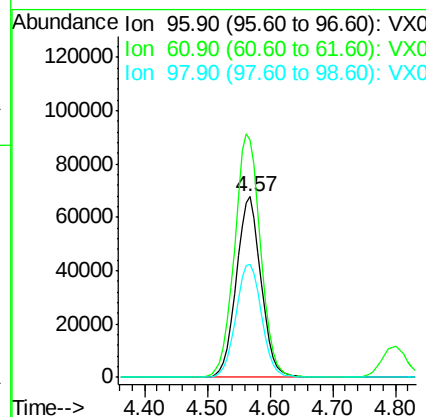
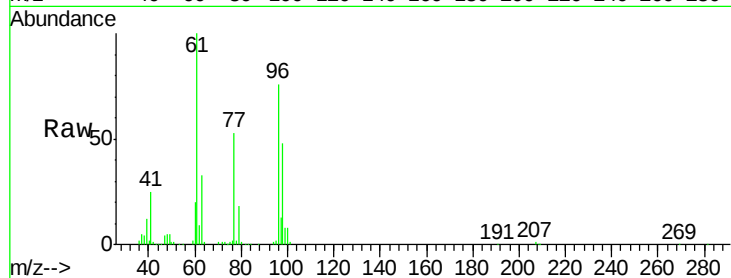
cis-1,2-Dichloroethene
Concen: 54.247 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	296.2
98	64.9	0.0	129.4

Manual Integrations
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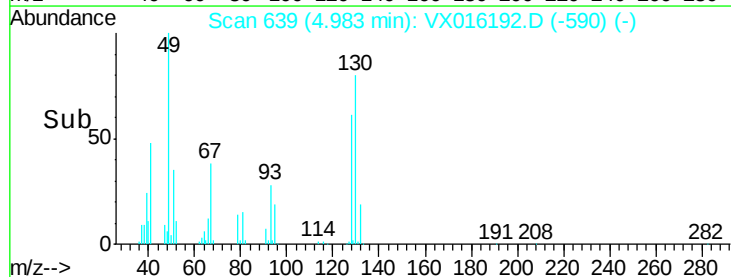
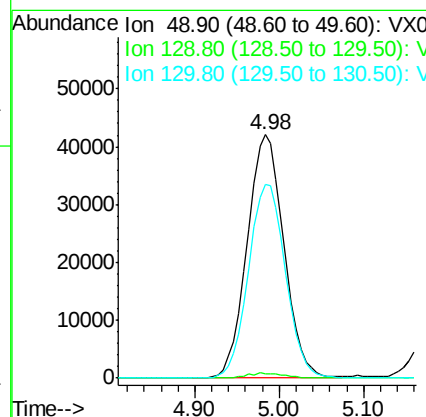
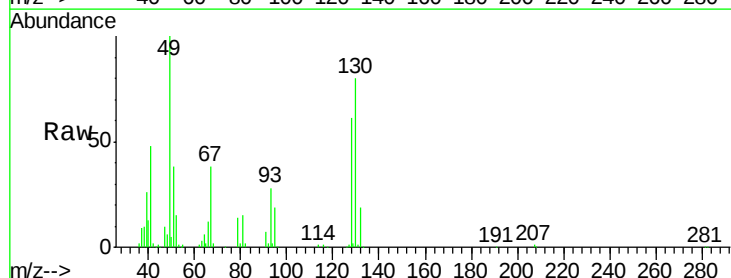
MMDadoda
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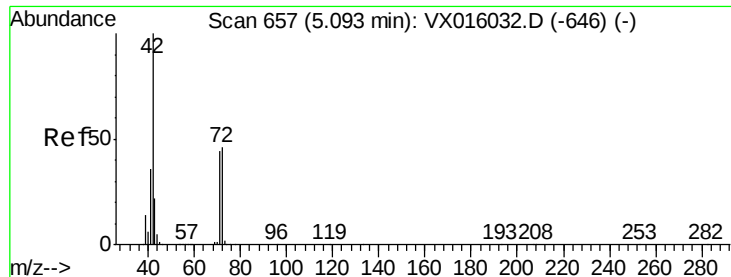


#28

Bromochloromethane
Concen: 50.451 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	80.4	62.4	93.6





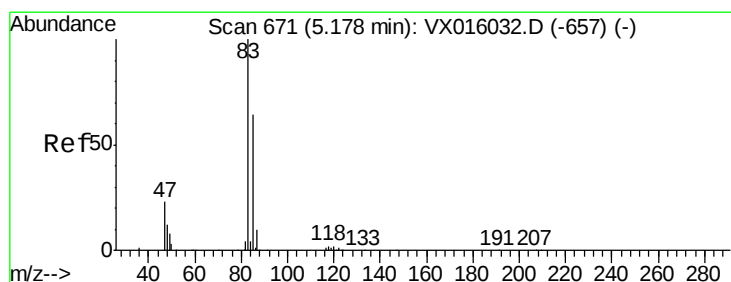
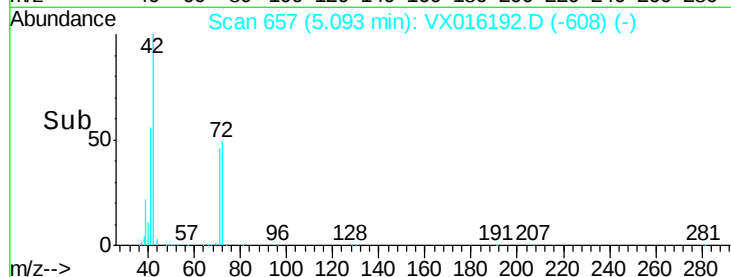
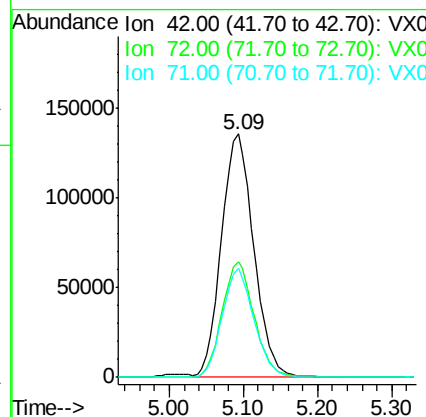
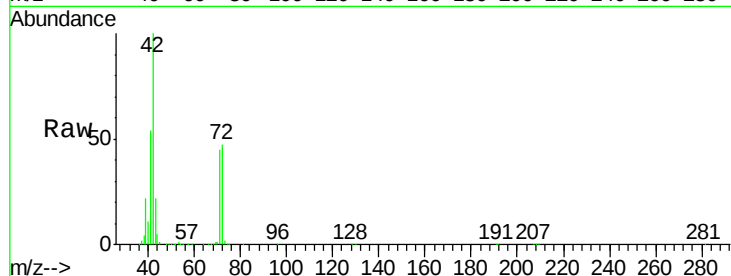
#29
Tetrahydrofuran
Concen: 241.827 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.1	55.7
71	44.1	34.5	51.7

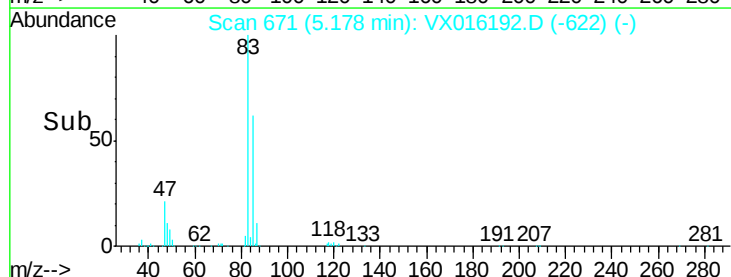
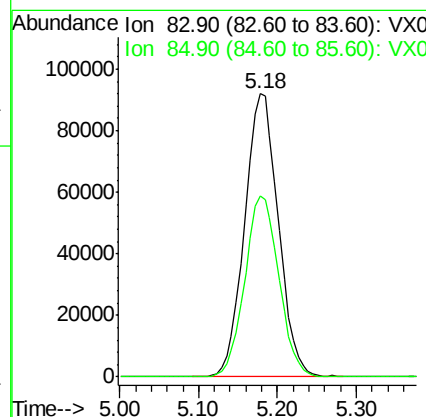
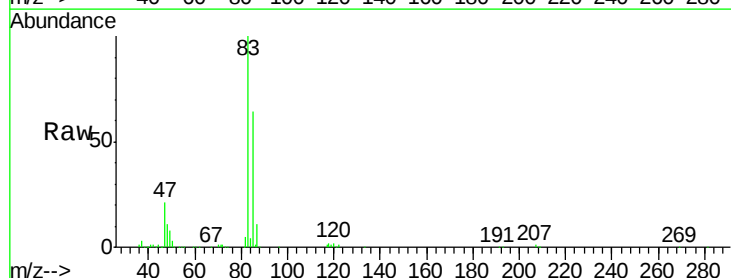
Manual Integrations
APPROVED

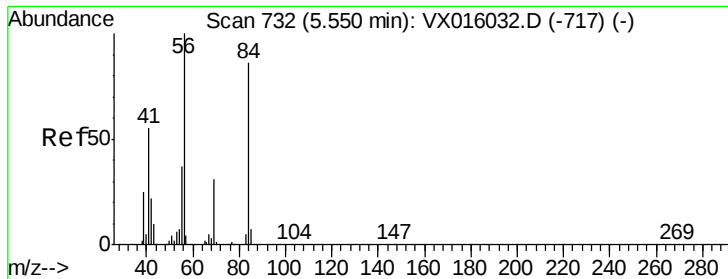
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#30
Chloroform
Concen: 50.666 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





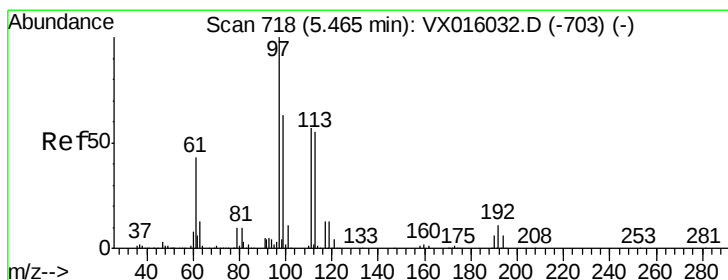
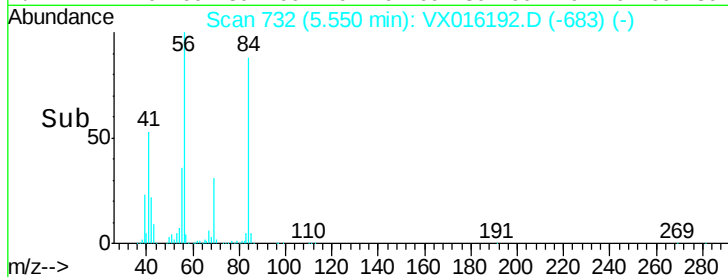
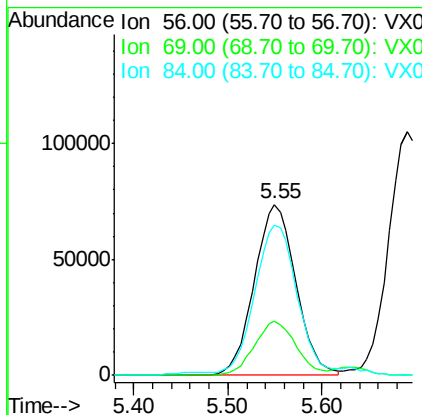
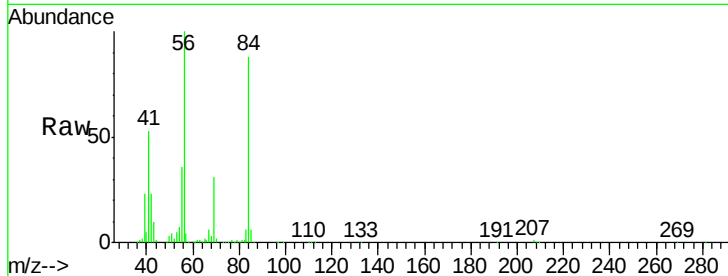
#31
Cyclohexane
Concen: 46.420 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	85.9	69.0	103.6

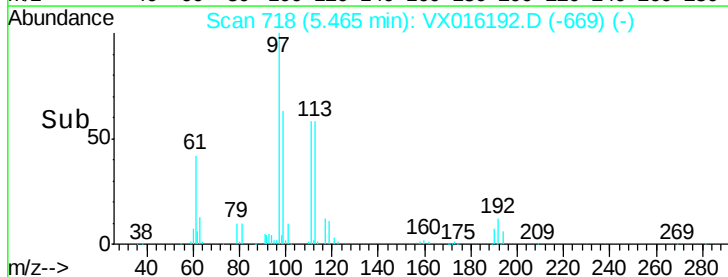
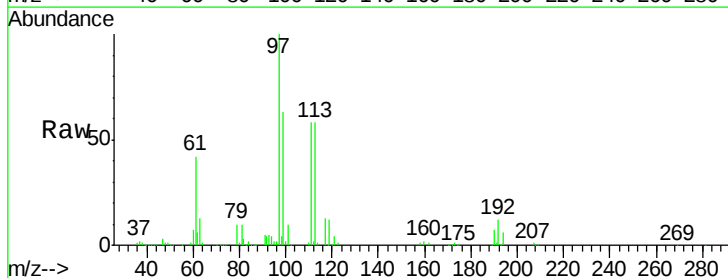
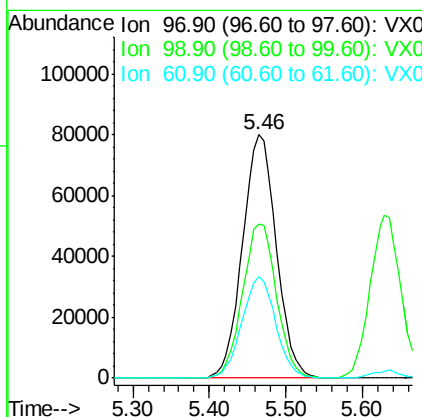
Manual Integrations
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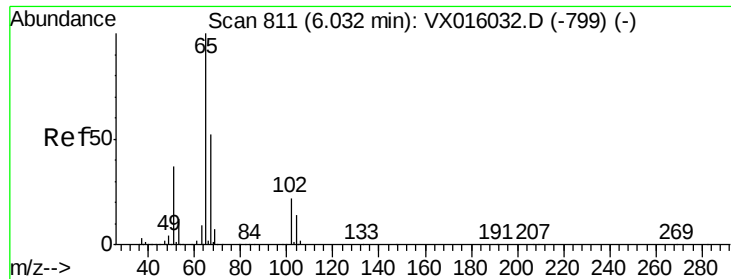
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#32
1,1,1-Trichloroethane
Concen: 50.178 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	41.7	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.794 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 65 Resp: 165778

Ion Ratio Lower Upper

65 100

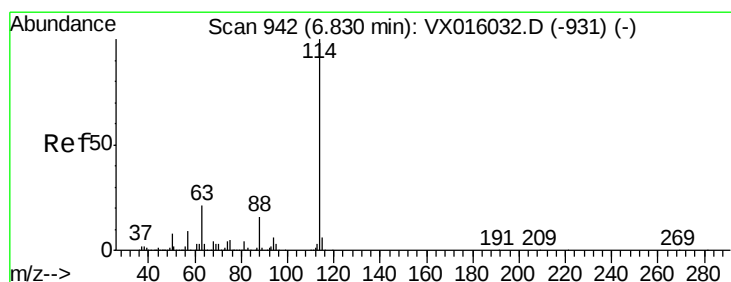
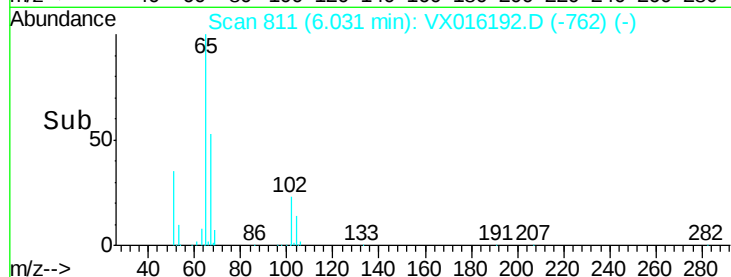
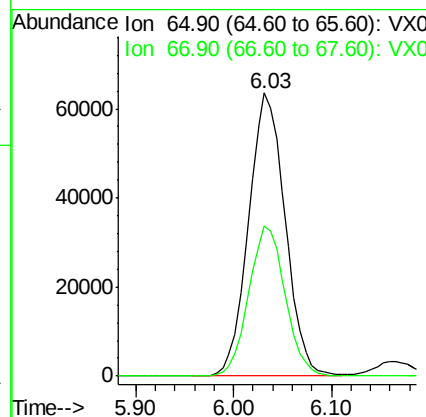
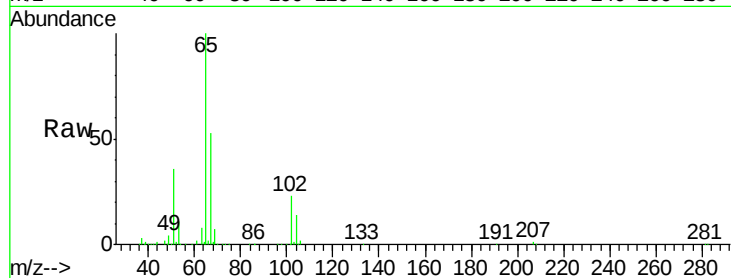
67 52.9 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

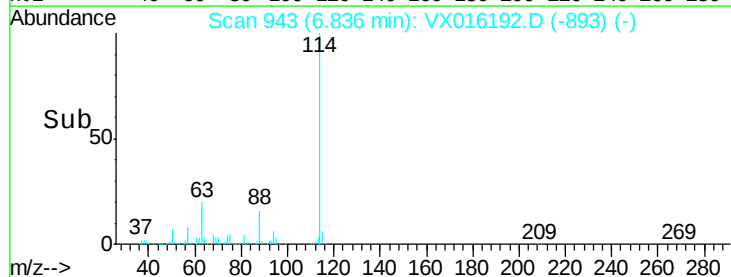
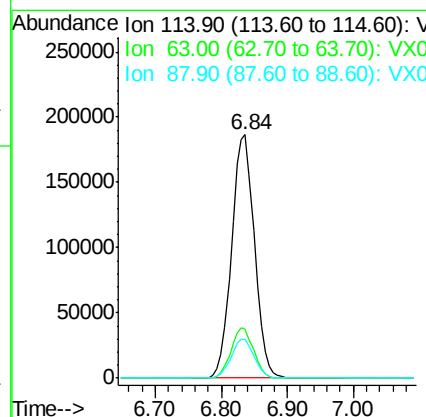
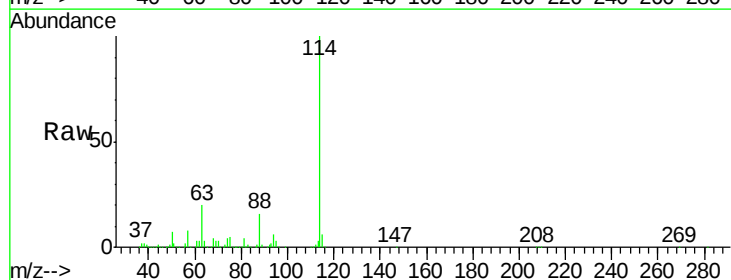
Tgt Ion: 114 Resp: 443747

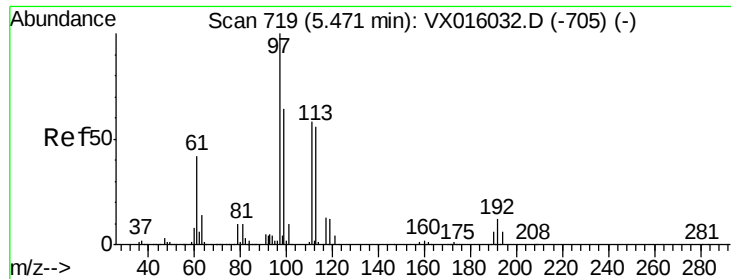
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.039 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016192.D

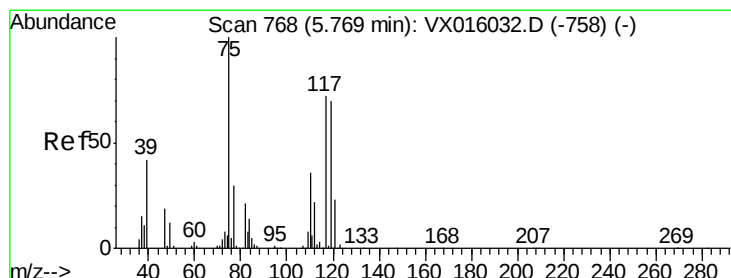
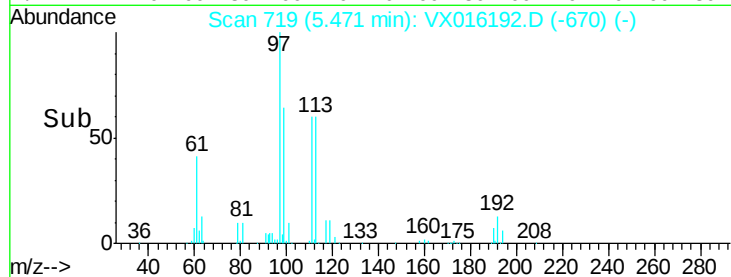
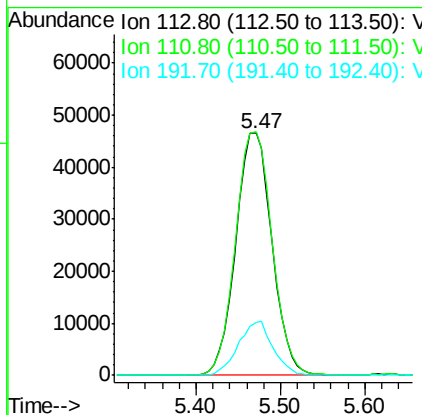
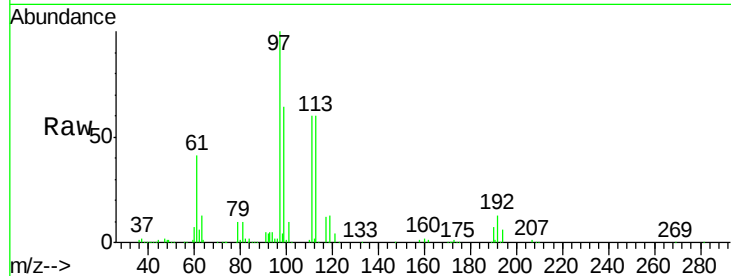
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion:	113	Resp:	135053
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.6	122.4
192	21.5	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 46.397 ug/l

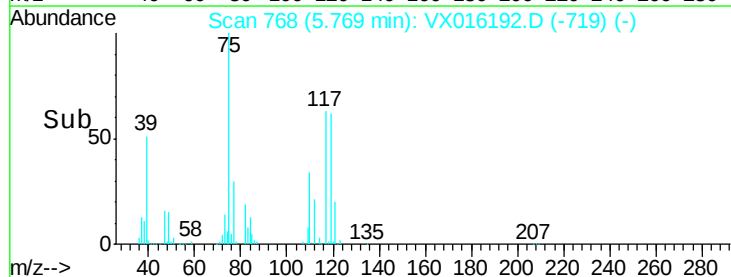
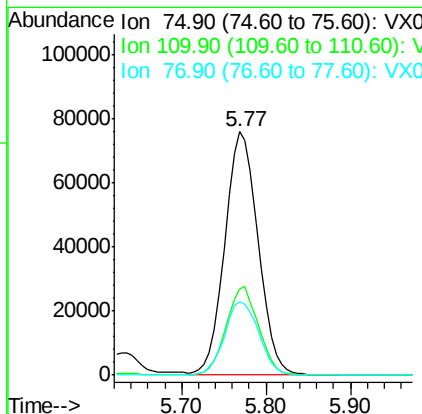
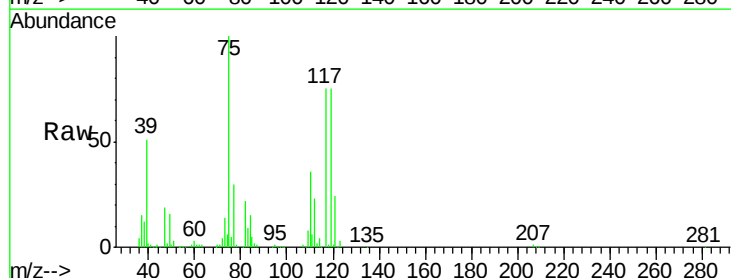
RT: 5.77 min Scan# 768

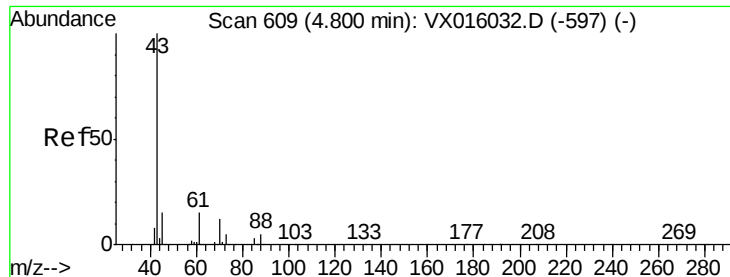
Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	75	Resp:	202667
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.1	54.1
77	31.5	25.0	37.6





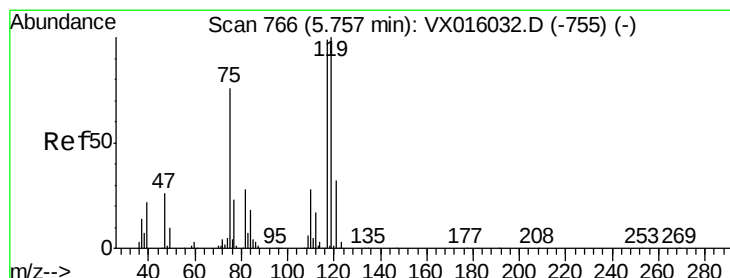
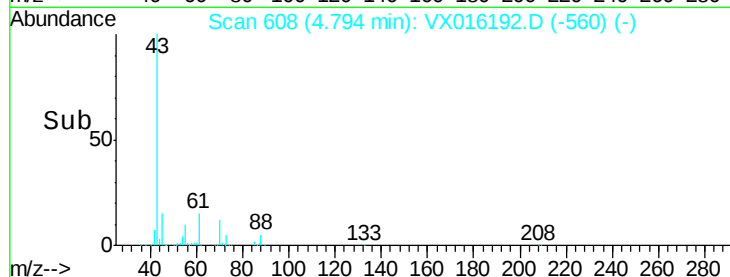
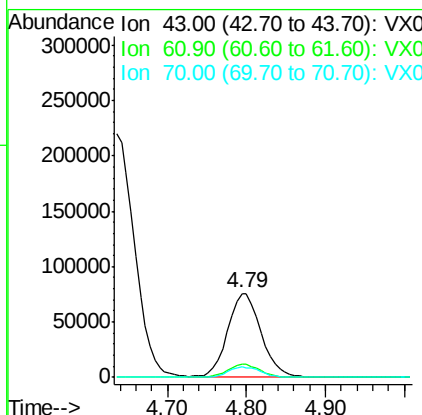
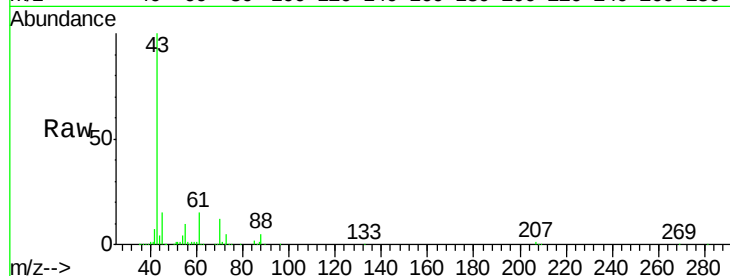
#37
Ethyl Acetate
Concen: 43.917 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	11.9	9.3	13.9

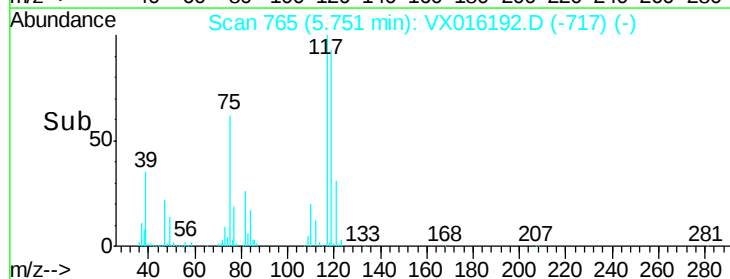
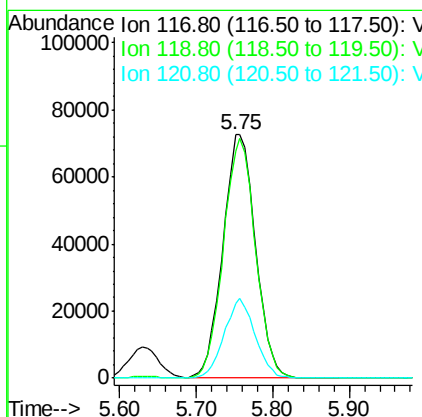
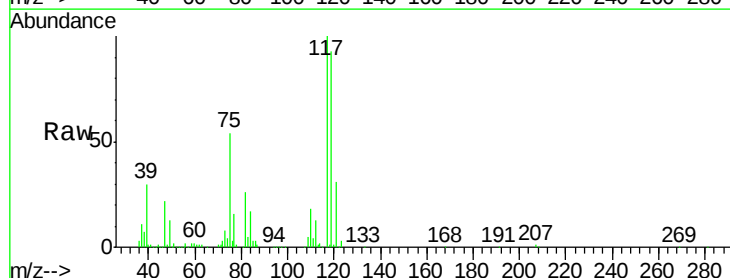
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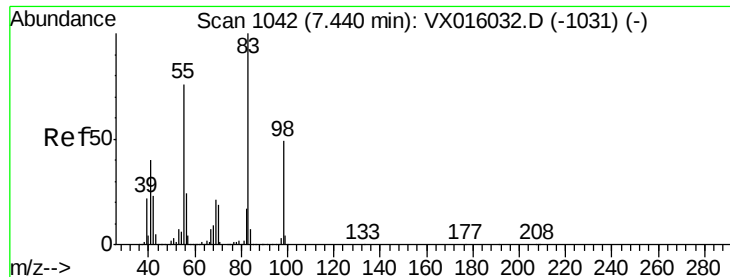
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#38
Carbon Tetrachloride
Concen: 48.269 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	80.3	120.5
121	30.7	25.7	38.5





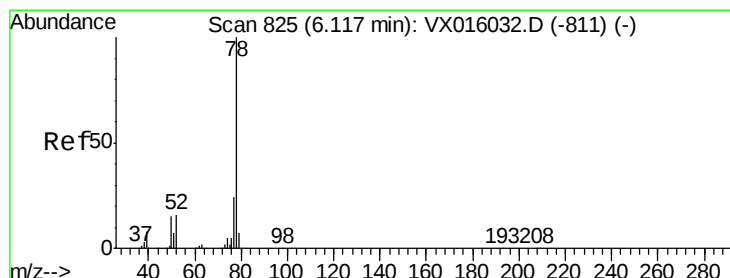
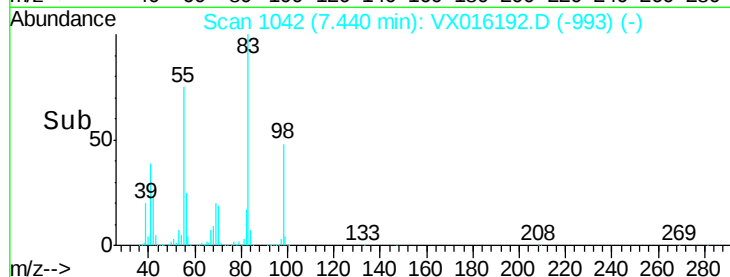
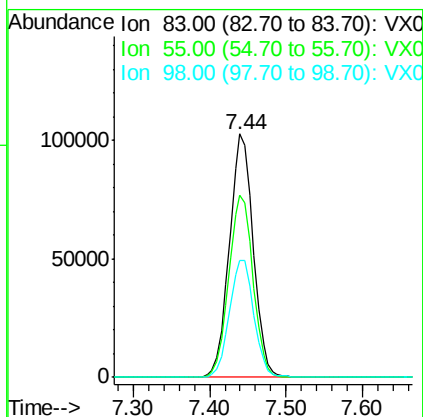
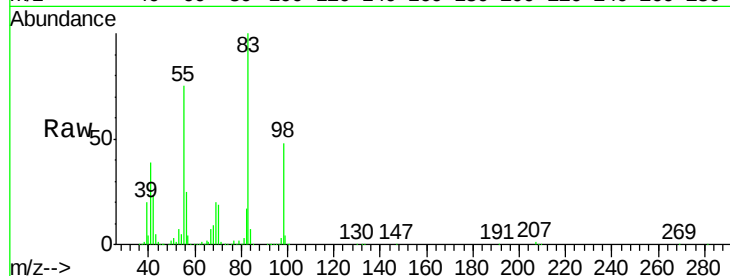
#39
Methvlcvclohexane
Concen: 41.983 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.1	91.7
98	47.8	39.0	58.4

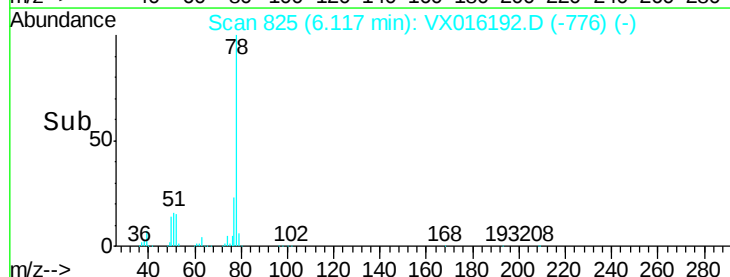
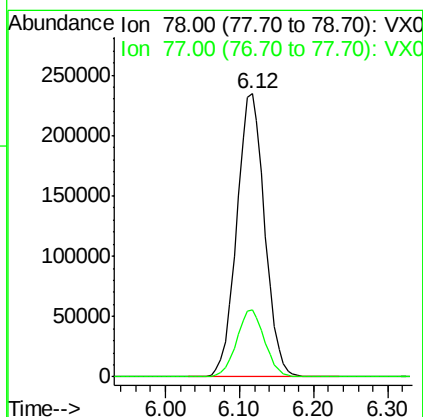
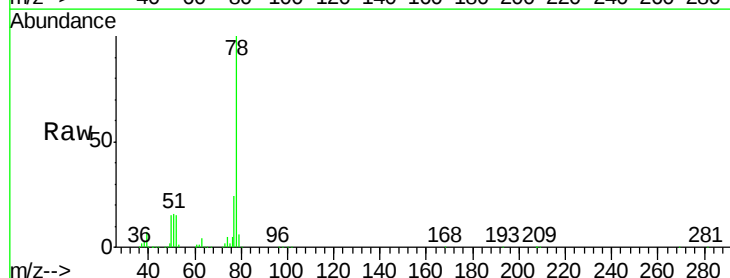
Manual Integrations
APPROVED

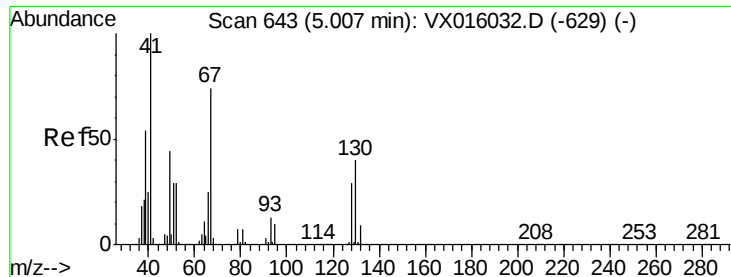
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#40
Benzene
Concen: 48.263 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





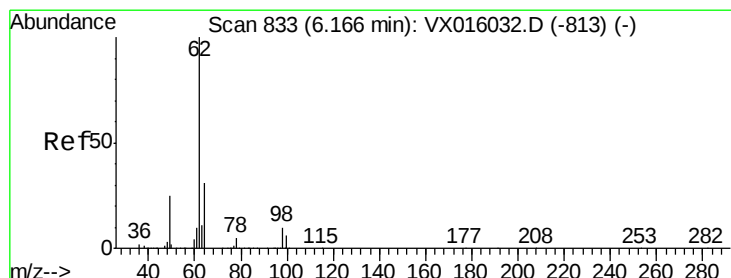
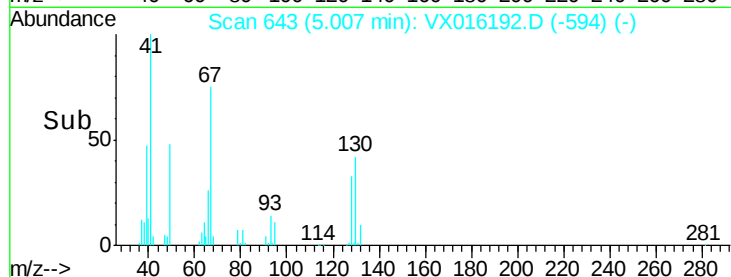
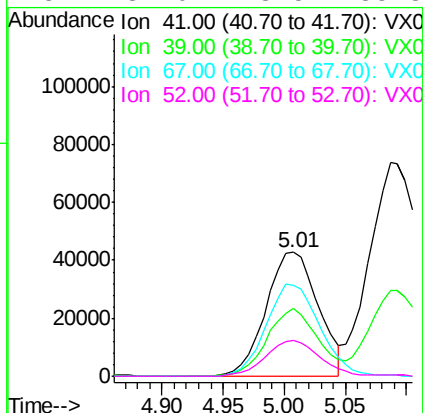
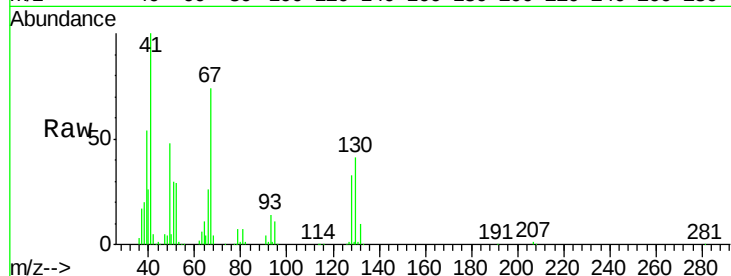
#41
Methacrylonitrile
Concen: 46.324 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		126656		
39	54.6	43.2	64.8		
67	77.3	59.3	88.9		
52	31.0	23.5	35.3		

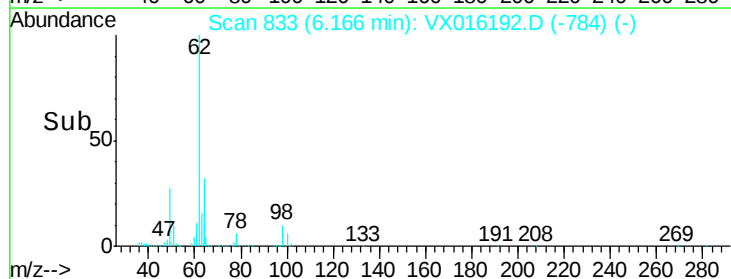
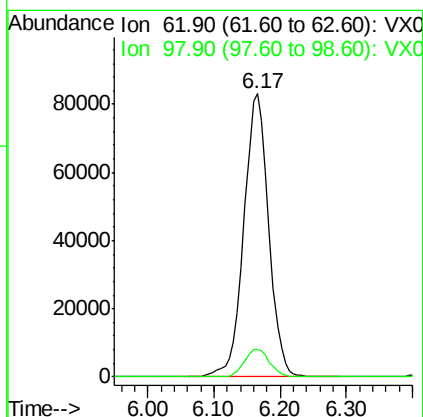
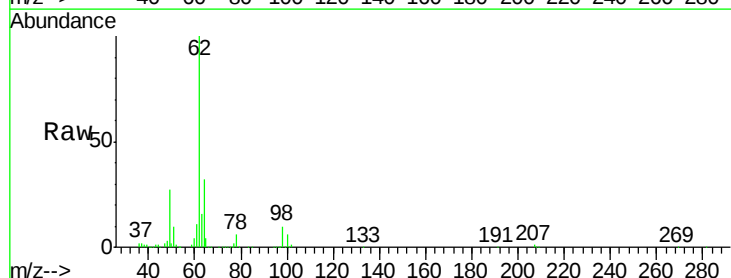
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 47.237 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		217483		
98	9.8	0.0	19.4		





#43

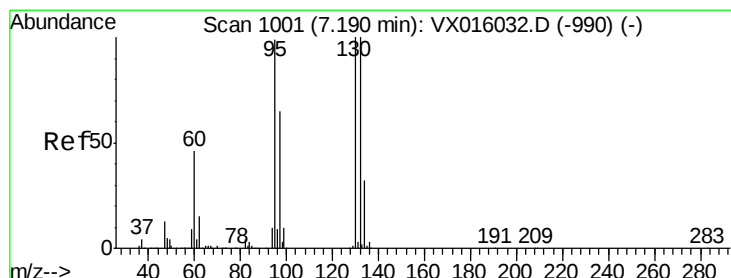
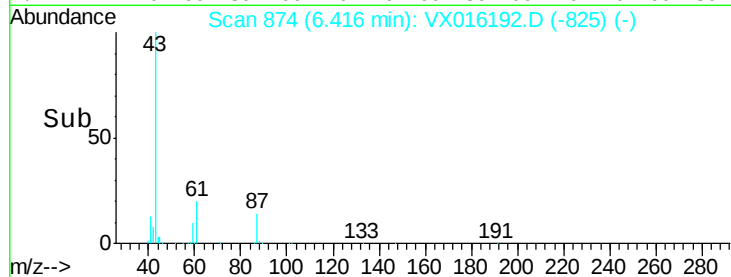
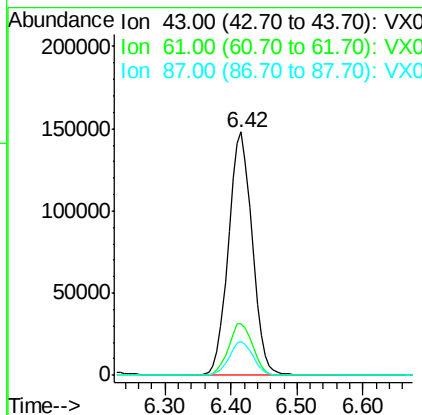
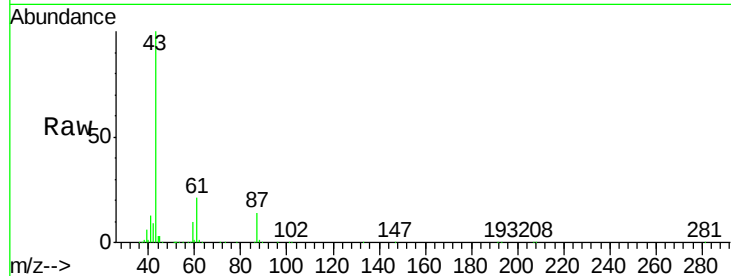
Isopropyl Acetate
 Concen: 45.316 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Tot Ion:	43	Resp:	366054
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.0	25.4
87	14.2	11.0	16.6

Manual Integrations
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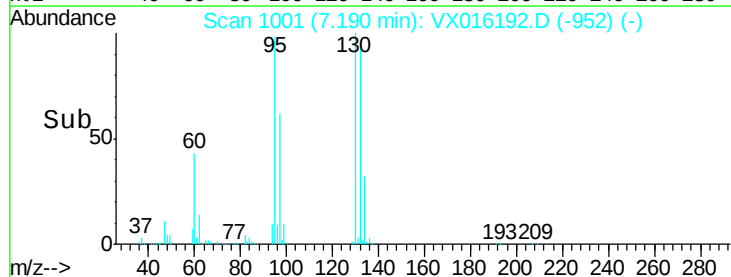
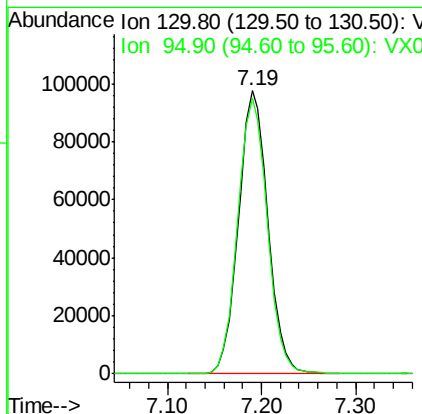
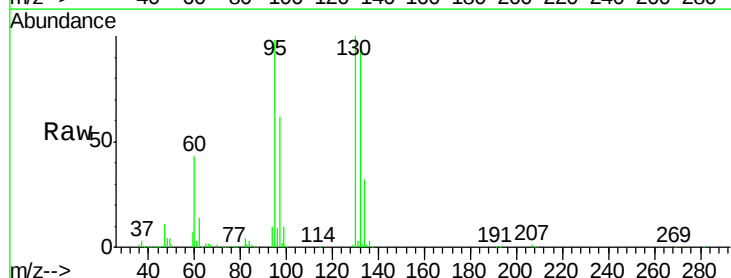
MMDadoda
 5/14/2020 12:15:59 PM



#44

Trichloroethene
 Concen: 46.923 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Tgt Ion:	130	Resp:	213056
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.524 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 63 Resp: 160160

Ion Ratio Lower Upper

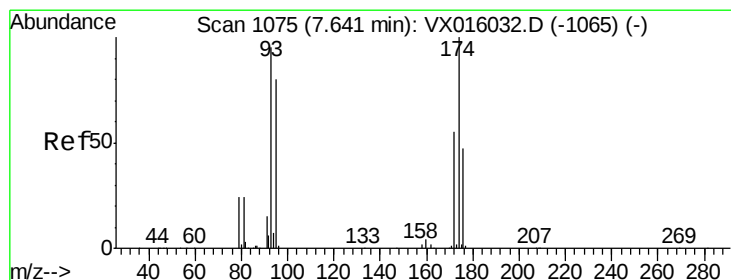
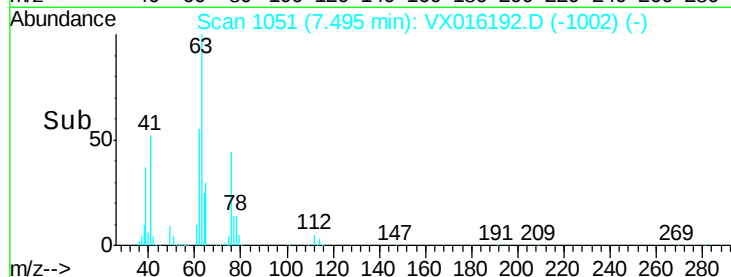
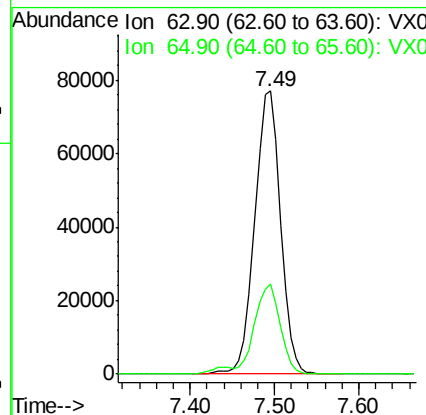
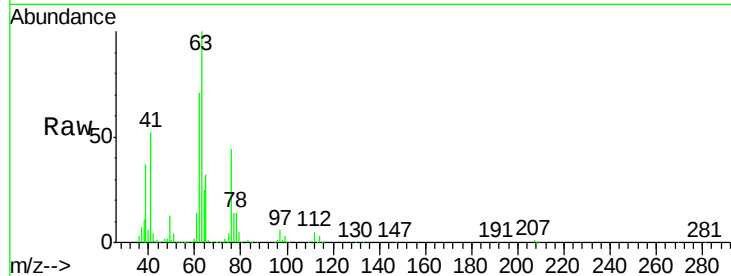
63 100

65 31.7 24.4 36.6

Manual Integrations
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#46

Dibromomethane

Concen: 48.541 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

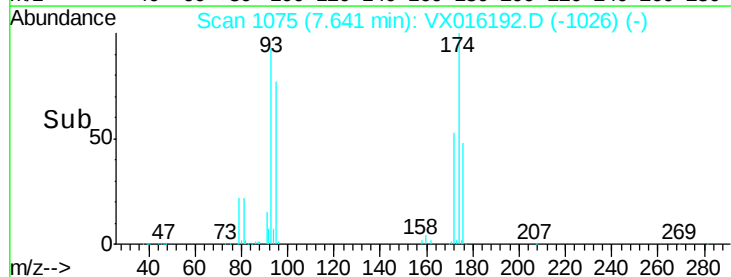
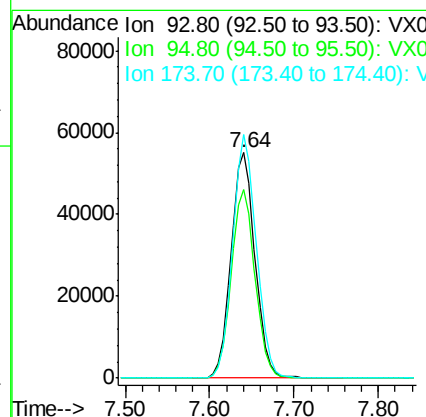
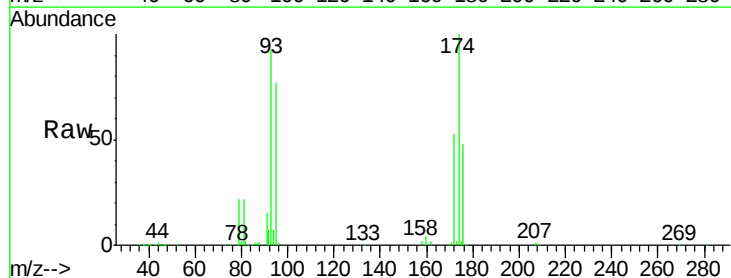
Tgt Ion: 93 Resp: 106679

Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 106.4 84.2 126.4





#47

Bromodichloromethane

Concen: 49.444 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

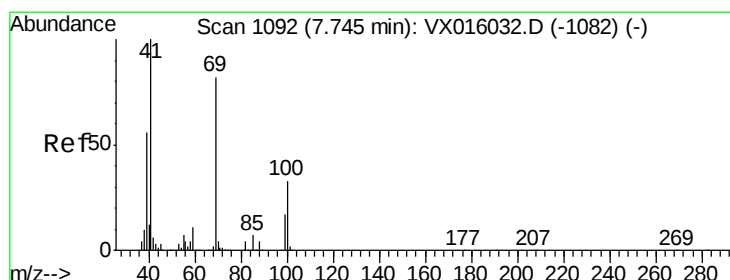
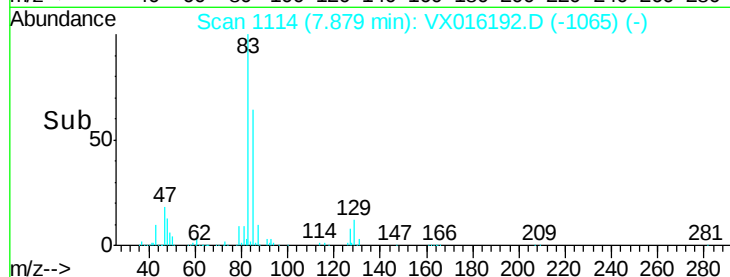
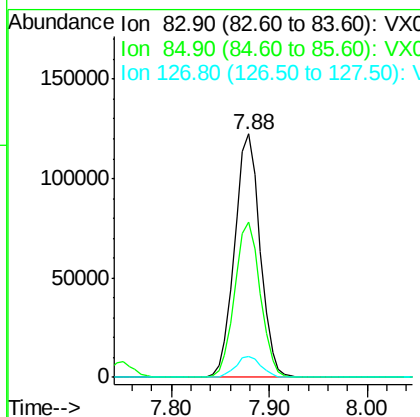
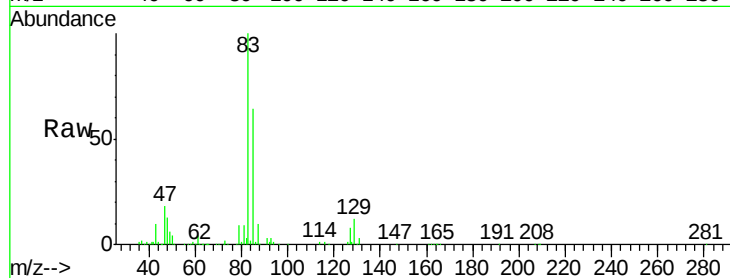
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	83	Resp:	221312
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.5	75.7
127	8.3	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.329 ug/l

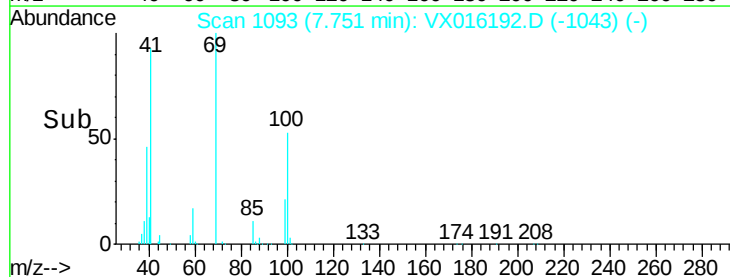
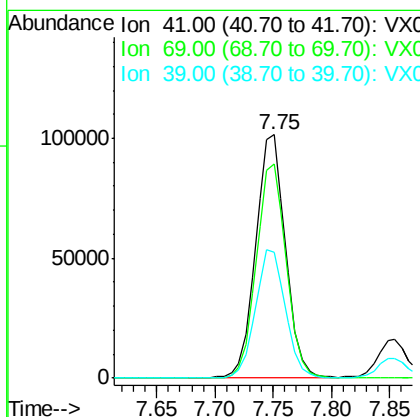
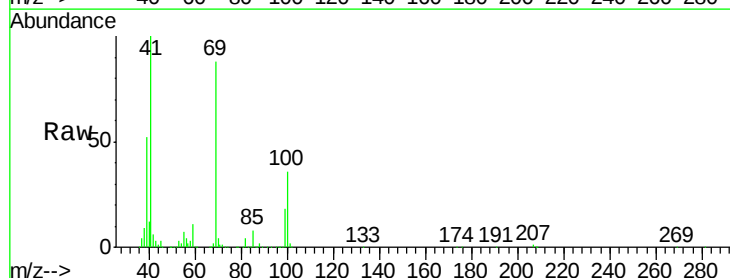
RT: 7.75 min Scan# 1093

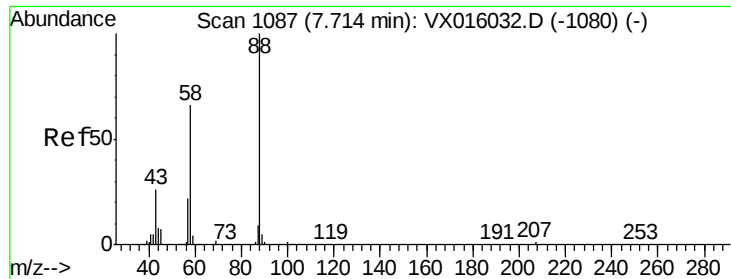
Delta R.T. 0.01 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	41	Resp:	181158
Ion Ratio	Lower	Upper	
41	100		
69	88.3	67.8	101.6
39	52.8	44.6	67.0





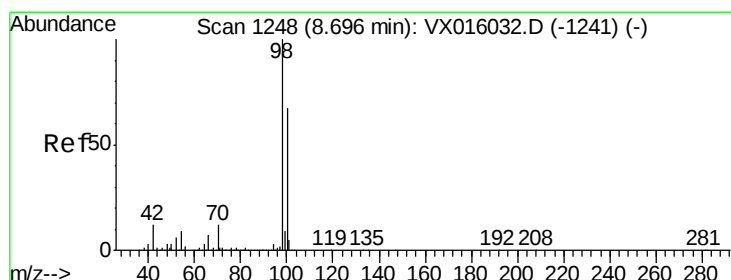
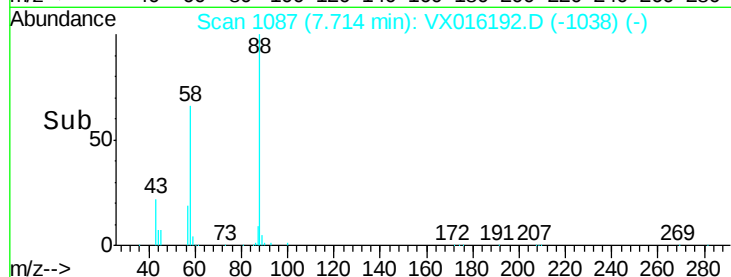
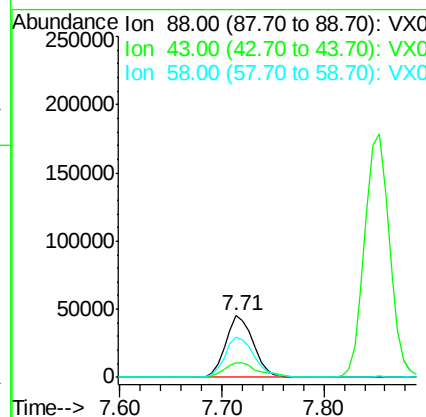
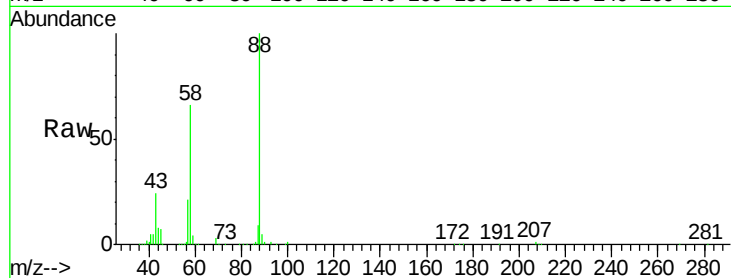
#49
1,4-Dioxane
Concen: 933.224 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion:	88	Resp:	85669
Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.3	37.9
58	69.3	55.9	83.9

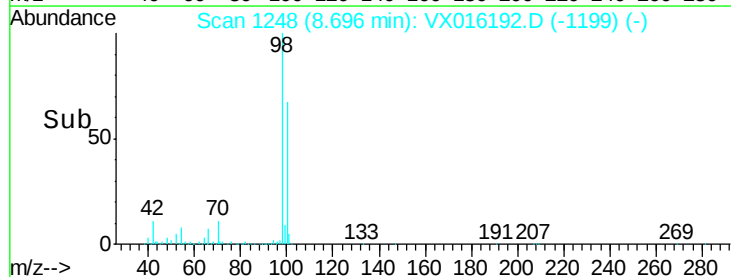
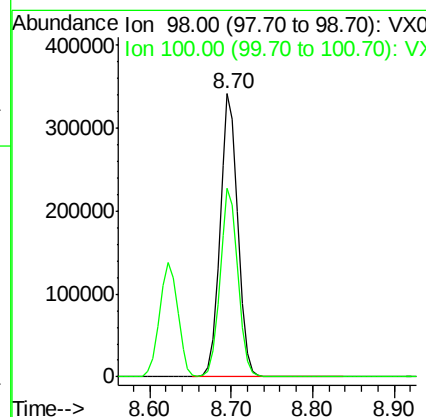
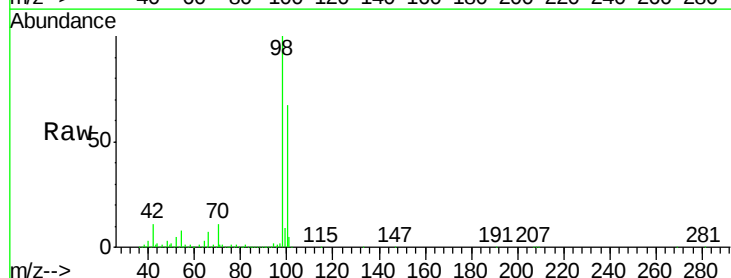
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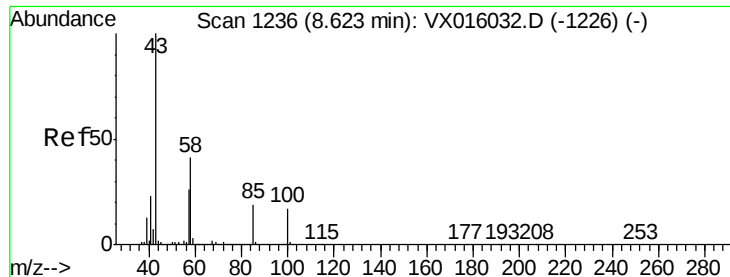
MMDadoda
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#50
Toluene-d8
Concen: 48.282 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion:	98	Resp:	523000
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.7	80.5





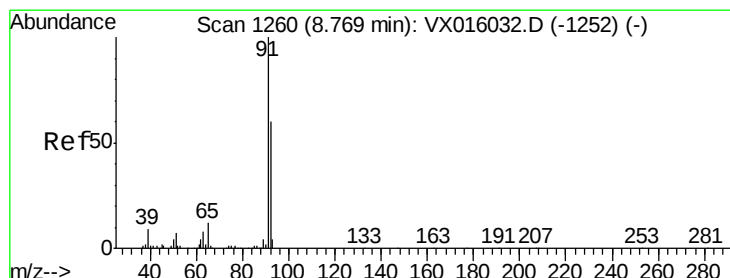
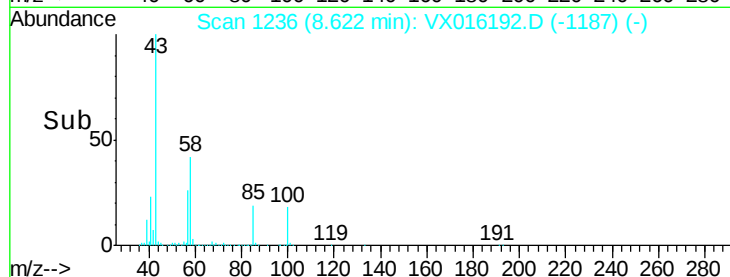
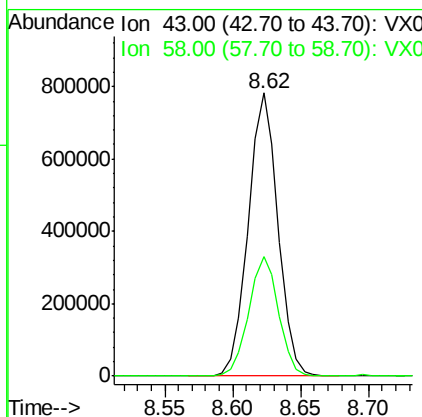
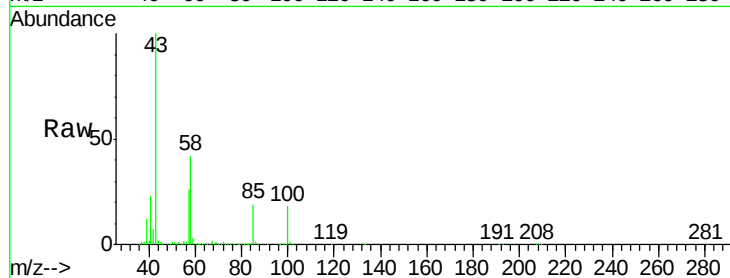
#51
4-Methyl-2-Pentanone
Concen: 242.439 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion: 43 Resp: 1198400
Ion Ratio Lower Upper
43 100
58 42.3 33.0 49.4

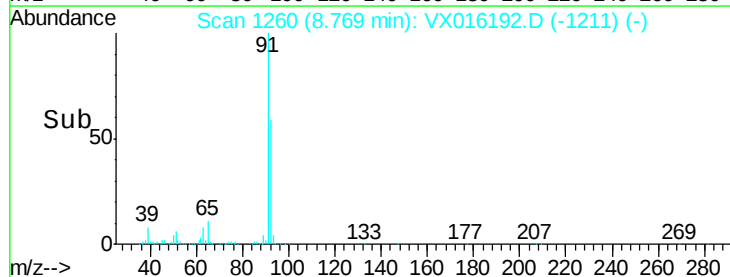
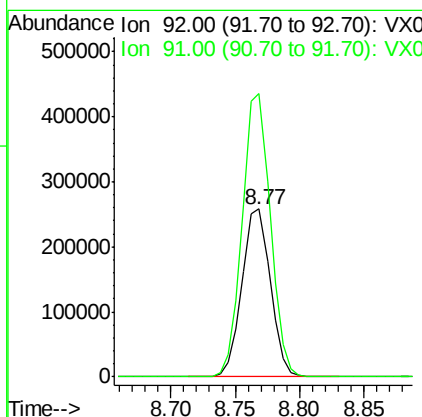
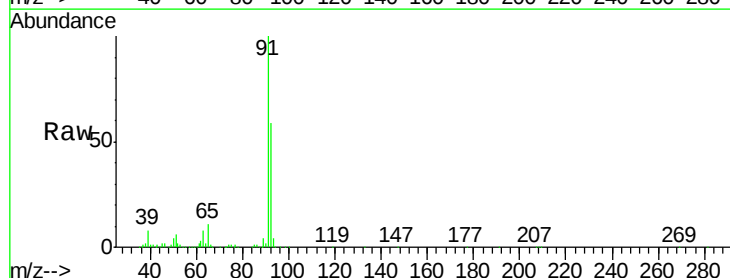
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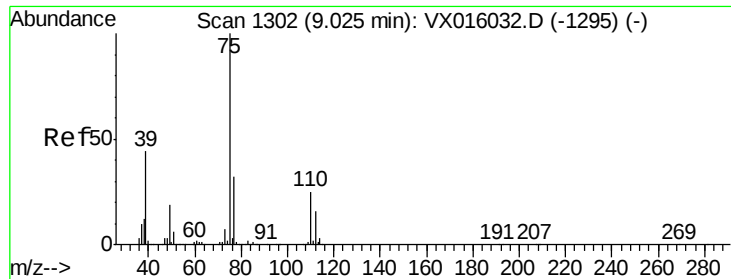
MMDadoda
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#52
Toluene
Concen: 49.386 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion: 92 Resp: 393428
Ion Ratio Lower Upper
92 100
91 167.3 134.5 201.7





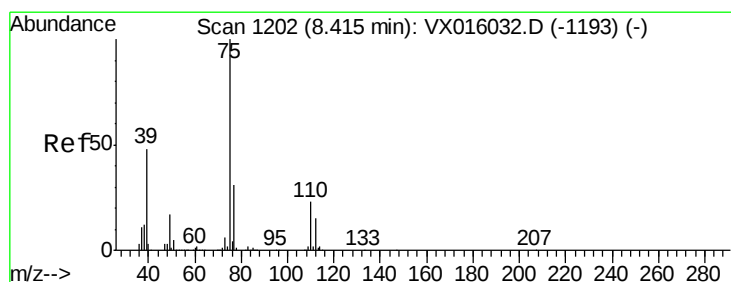
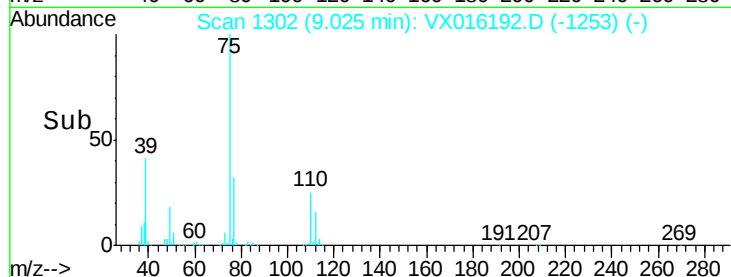
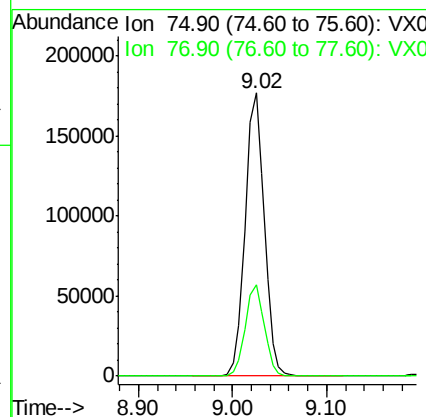
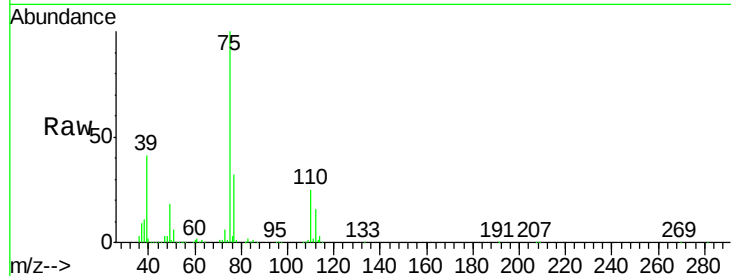
#53
t-1,3-Dichloropropene
Concen: 47.080 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5

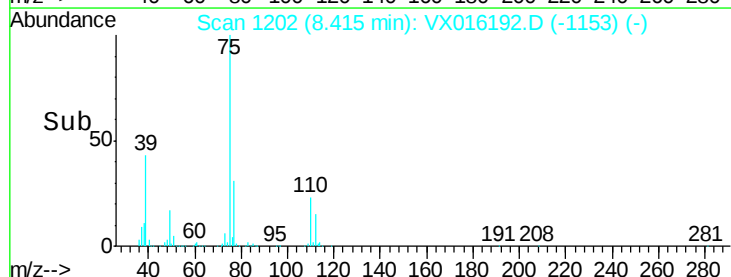
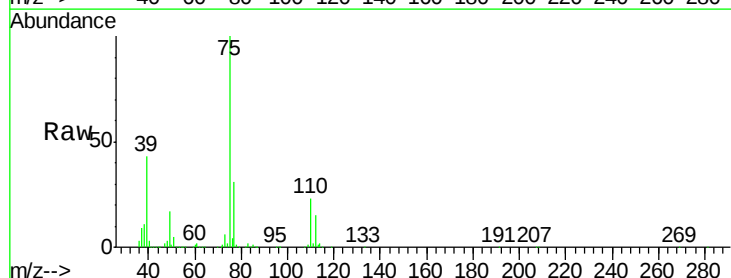
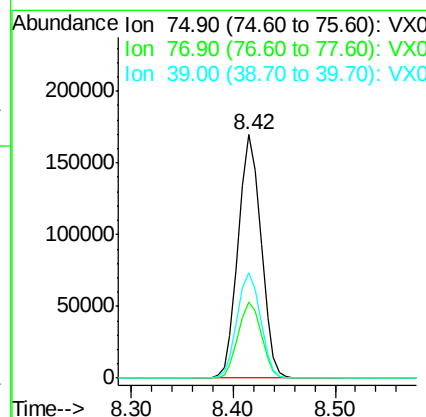
Manual Integrations
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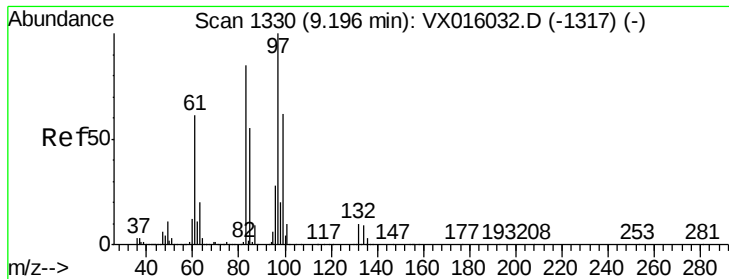
MMDadoda
5/14/2020 12:15:59 PM



#54
cis-1,3-Dichloropropene
Concen: 47.378 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	43.4	38.7	58.1





#55

1,1,2-Trichloroethane

Concen: 50.240 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

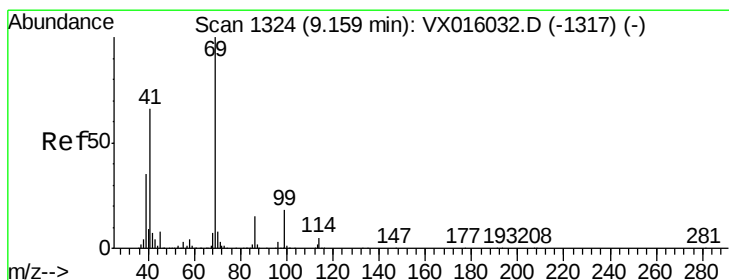
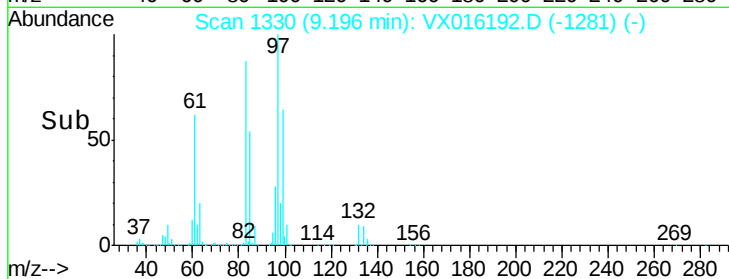
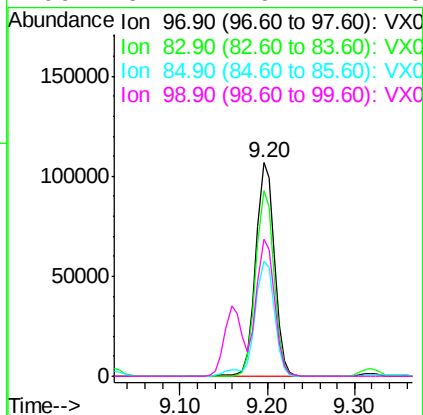
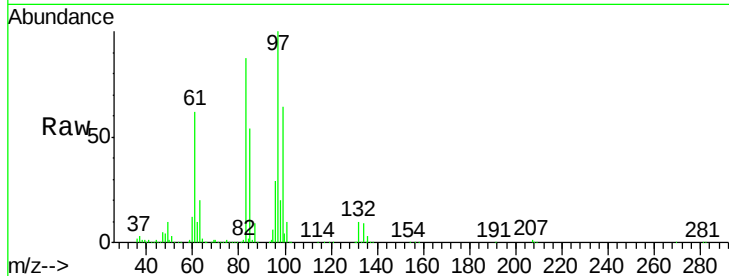
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	97	Resp:	157468
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.8	101.8
85	54.2	43.8	65.8
99	64.1	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.131 ug/l

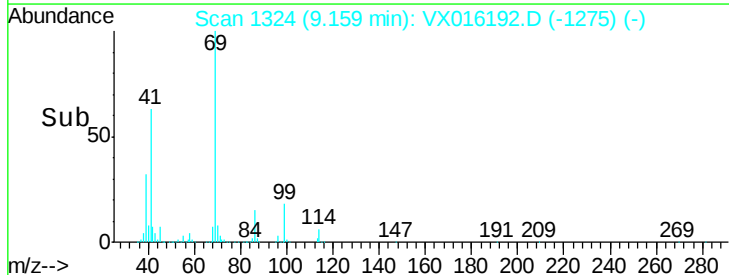
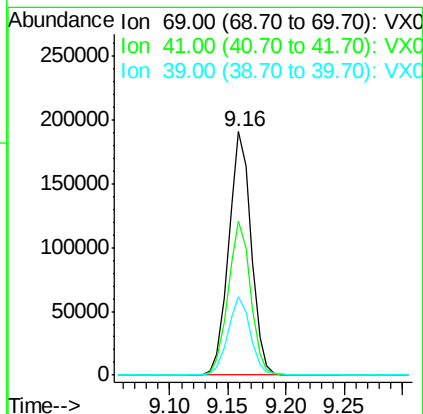
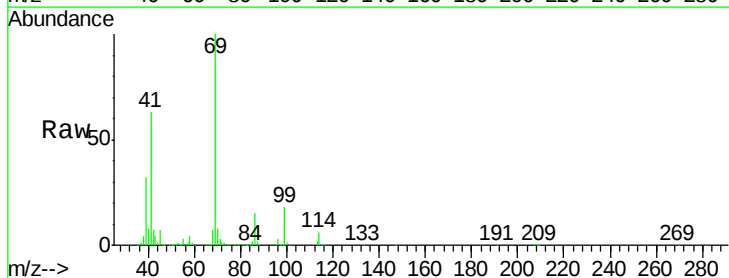
RT: 9.16 min Scan# 1324

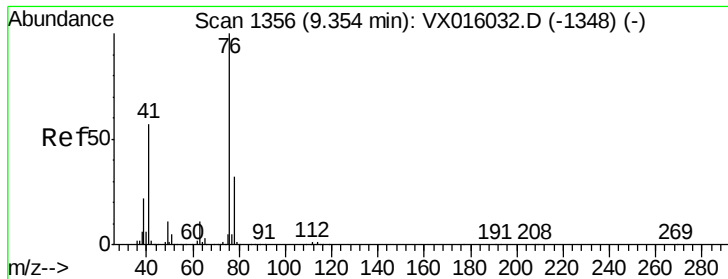
Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	69	Resp:	256477
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.2	78.4
39	32.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.920 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 76 Resp: 273013

Ion Ratio Lower Upper

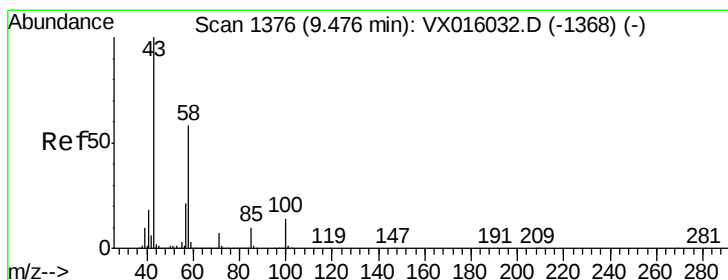
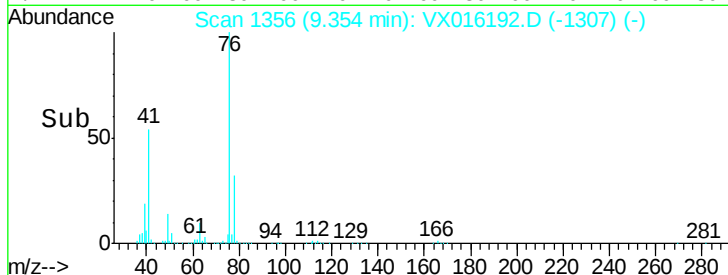
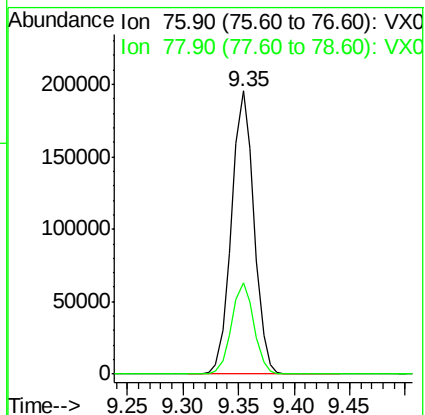
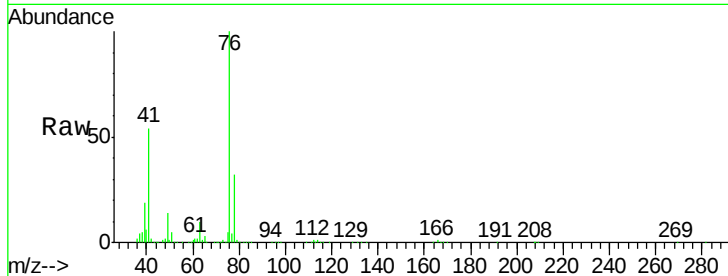
76 100

78 32.3 25.9 38.9

Manual Integrations
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#59

2-Hexanone

Concen: 241.304 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016192.D

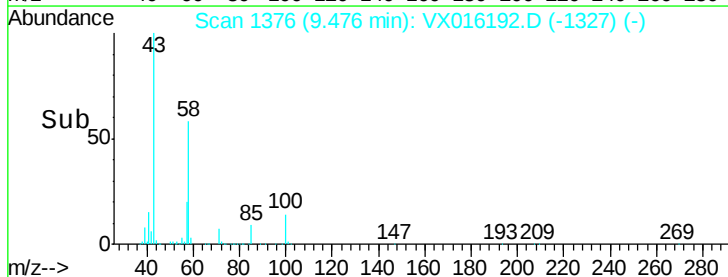
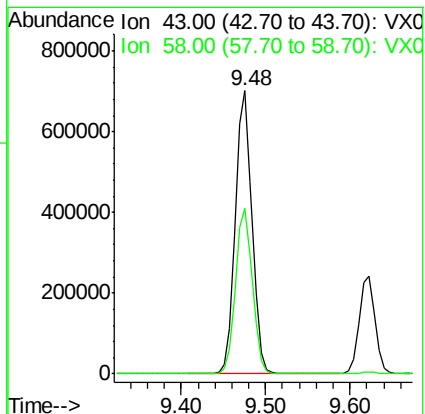
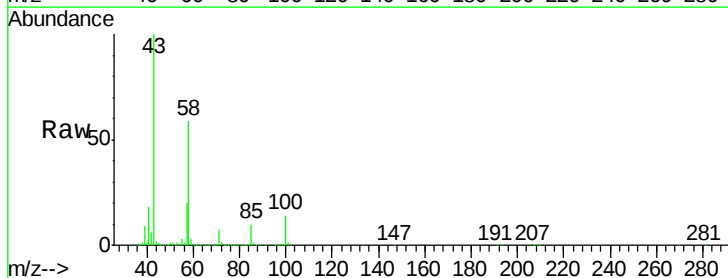
Acq: 13 May 2020 20:00

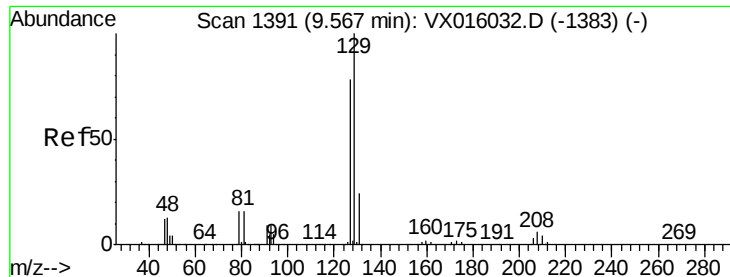
Tgt Ion: 43 Resp: 936728

Ion Ratio Lower Upper

43 100

58 59.0 28.6 85.9





#60

Dibromochloromethane

Concen: 51.720 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion:129 Resp: 178536

Ion Ratio Lower Upper

129 100

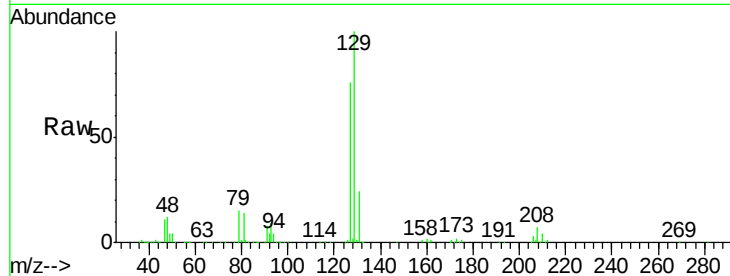
127 77.3 38.4 115.2

Manual Integrations

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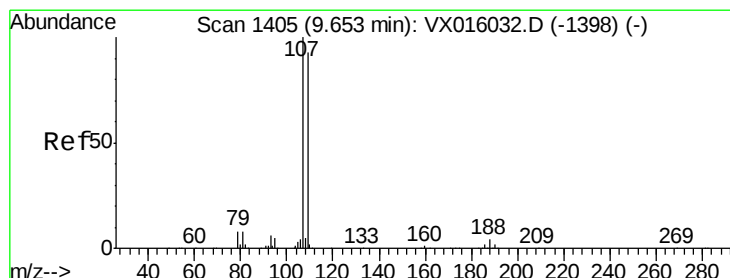
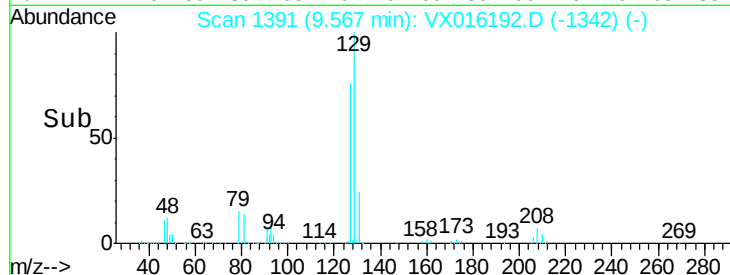
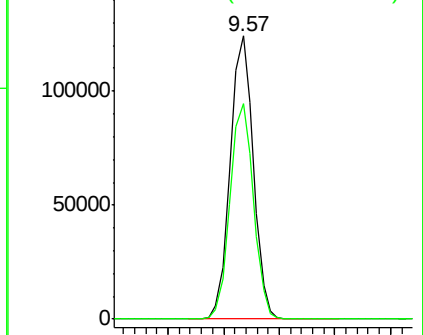
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.265 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016192.D

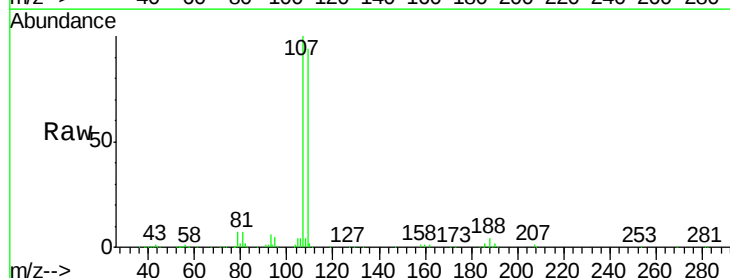
Acq: 13 May 2020 20:00

Tgt Ion:107 Resp: 170651

Ion Ratio Lower Upper

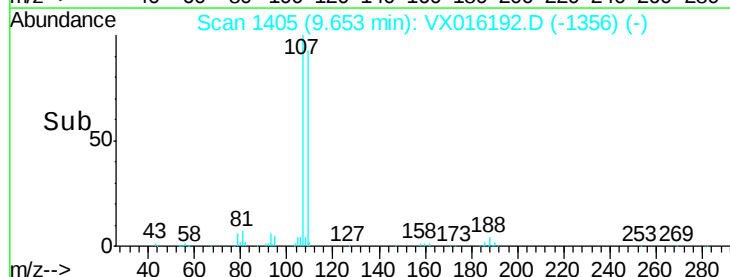
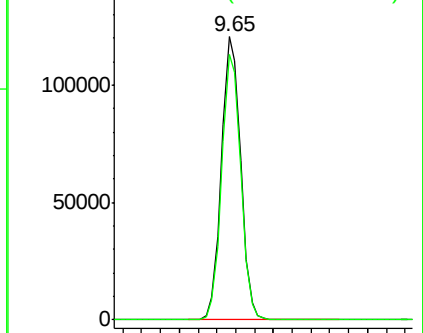
107 100

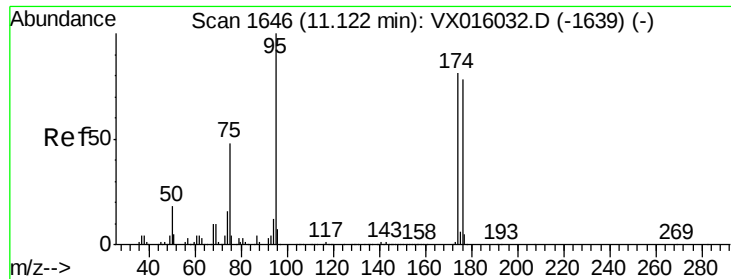
109 93.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





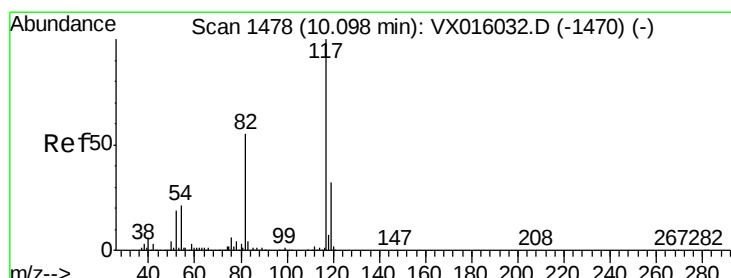
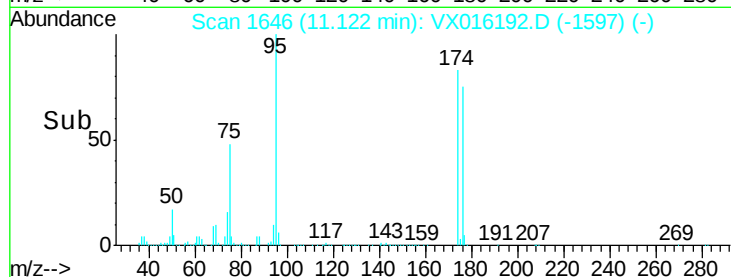
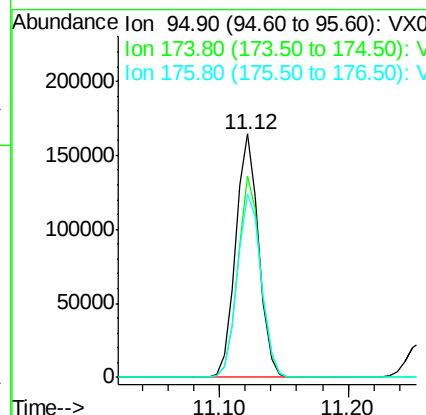
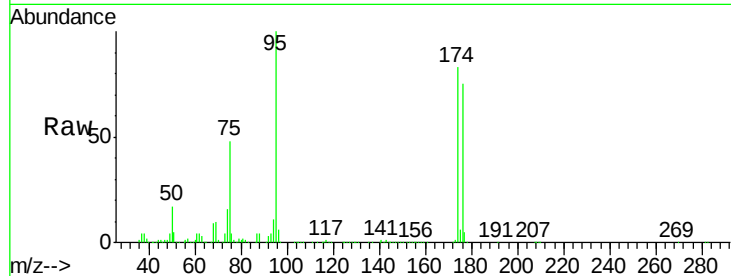
#62
4-Bromofluorobenzene
Concen: 49.724 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	204868		
174	81.8	0.0	159.4	
176	78.1	0.0	157.6	

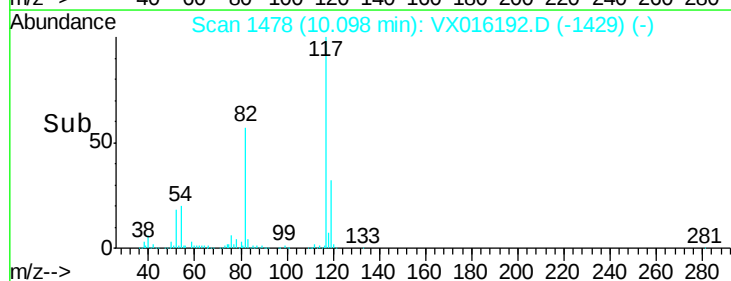
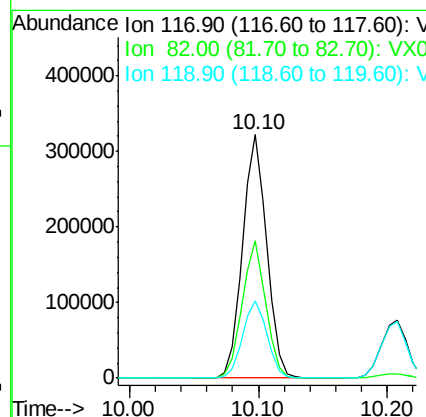
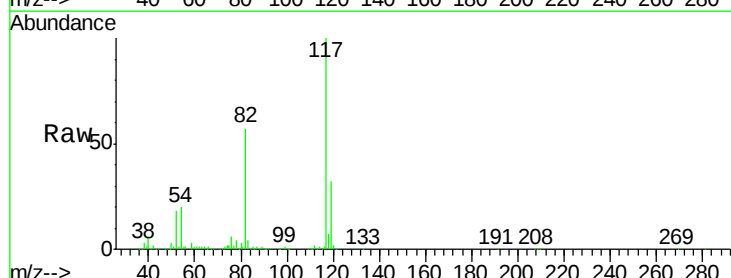
Manual Integrations
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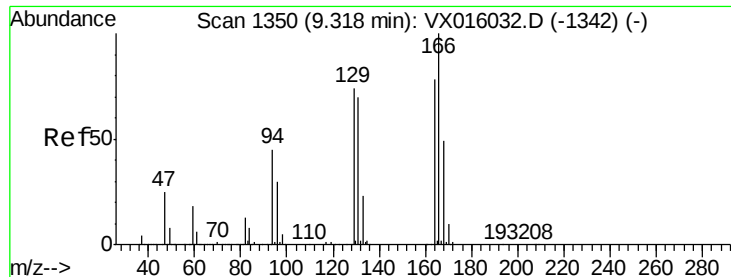
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	417357		
82	56.6	44.4	66.6	
119	31.9	25.5	38.3	





#64

Tetrachloroethene

Concen: 45.778 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion:164 Resp: 234548

Ion Ratio Lower Upper

164 100

166 127.0 102.9 154.3

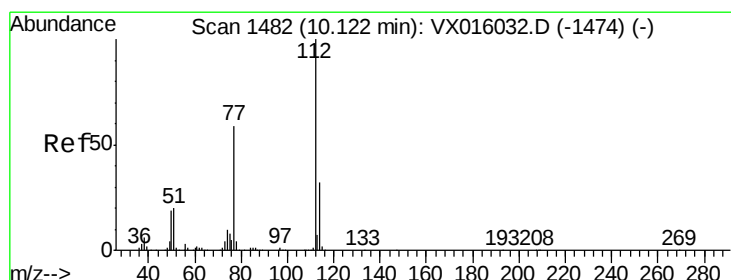
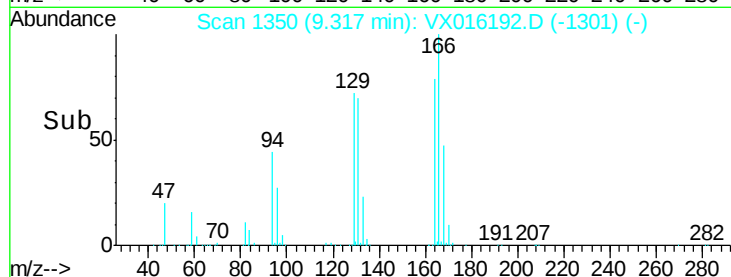
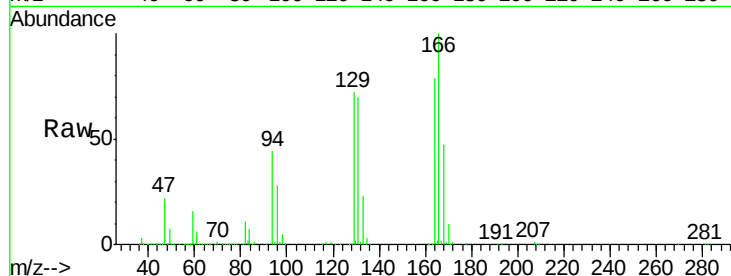
129 92.0 76.1 114.1

131 88.9 71.9 107.9

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#65

Chlorobenzene

Concen: 48.324 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016192.D

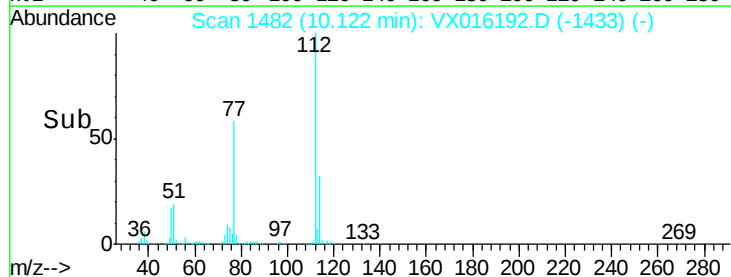
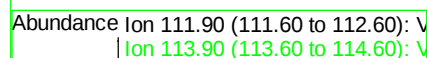
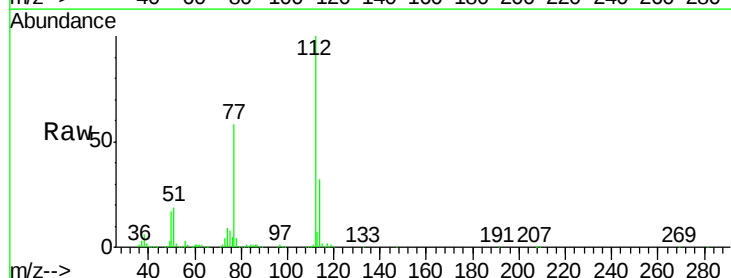
Acq: 13 May 2020 20:00

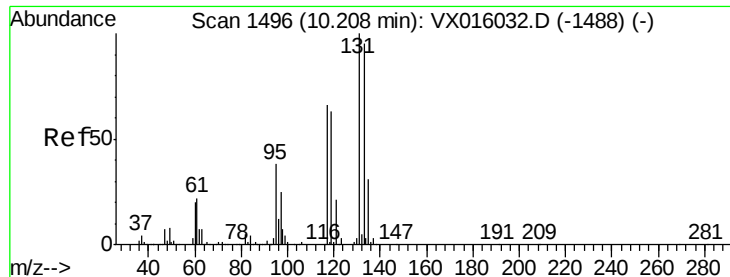
Tgt Ion:112 Resp: 422299

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 50.106 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

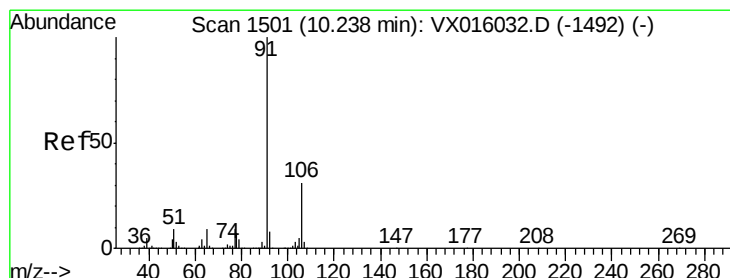
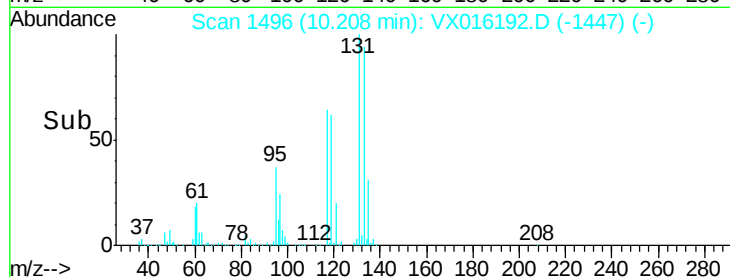
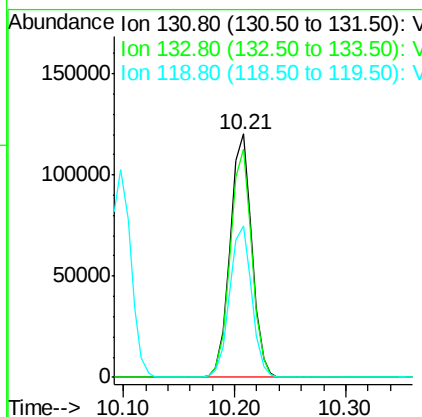
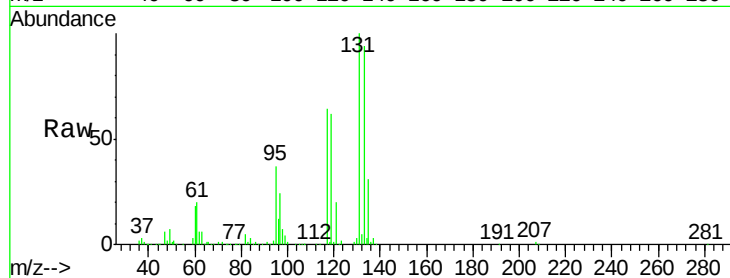
ClientSampleId :

SS052MW765-200511MSD

Tot Ion:	131	Resp:	161843
Ion Ratio	Lower	Upper	
131	100		
133	93.8	48.3	144.8
119	63.6	32.3	96.9

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#67

Ethyl Benzene

Concen: 47.832 ug/l

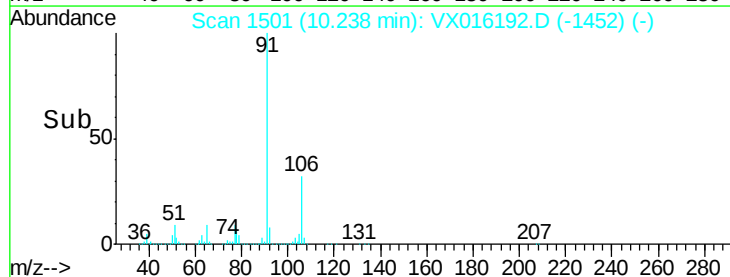
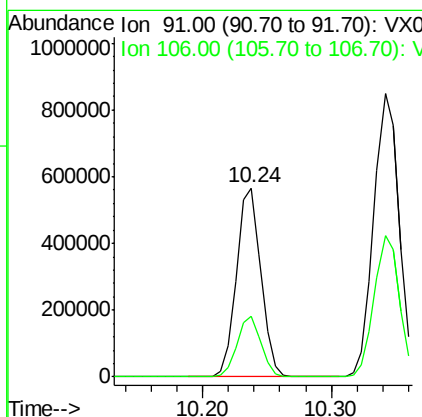
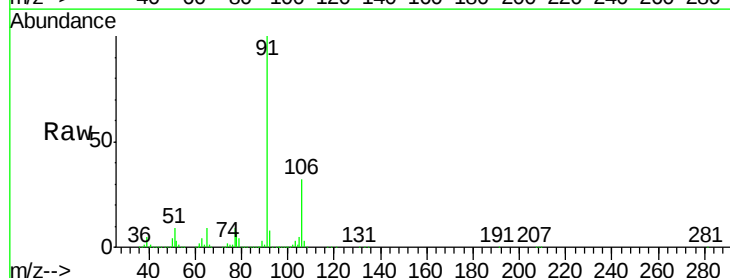
RT: 10.24 min Scan# 1501

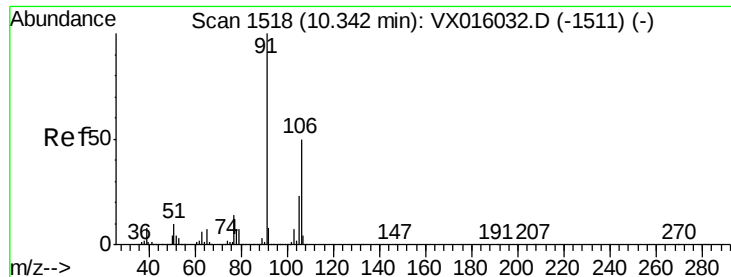
Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion:	91	Resp:	745829
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.1	37.7





#68

m/p-Xylenes

Concen: 97.393 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion:106 Resp: 568967

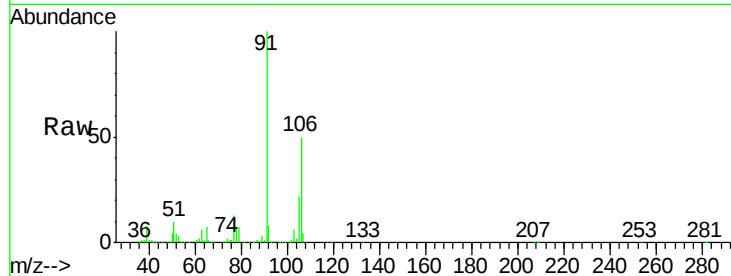
Ion Ratio Lower Upper

106 100

91 201.0 161.7 242.5

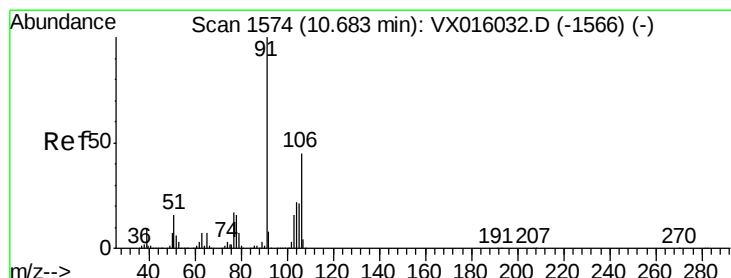
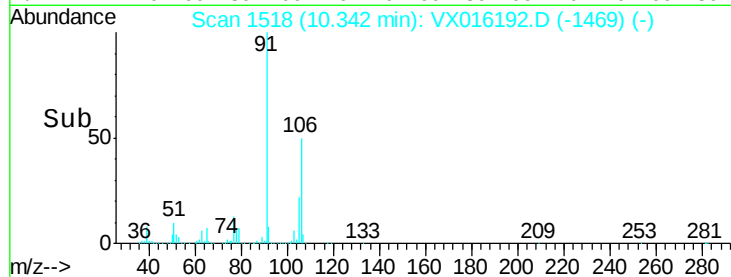
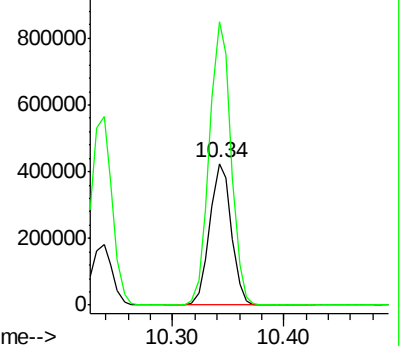
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.936 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016192.D

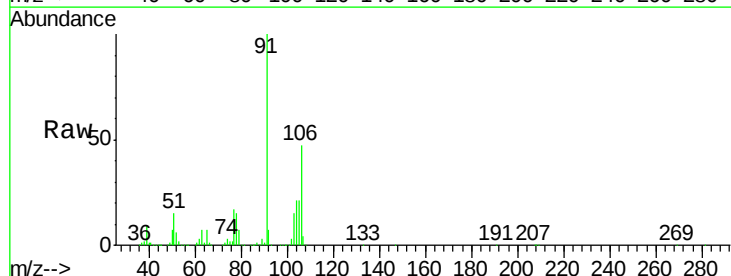
Acq: 13 May 2020 20:00

Tgt Ion:106 Resp: 274802

Ion Ratio Lower Upper

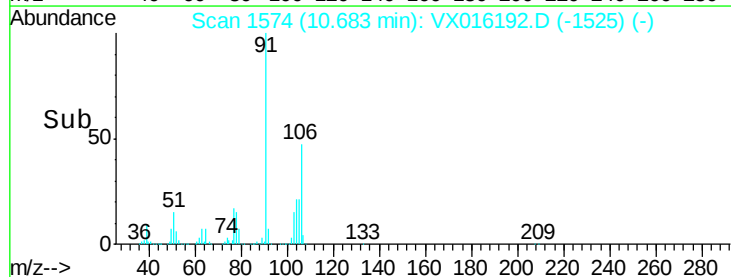
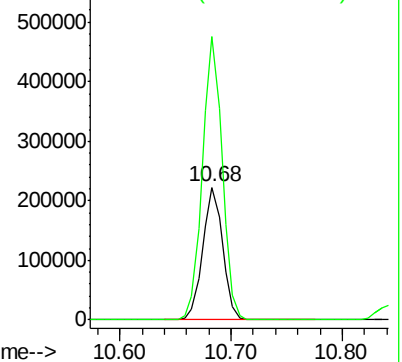
106 100

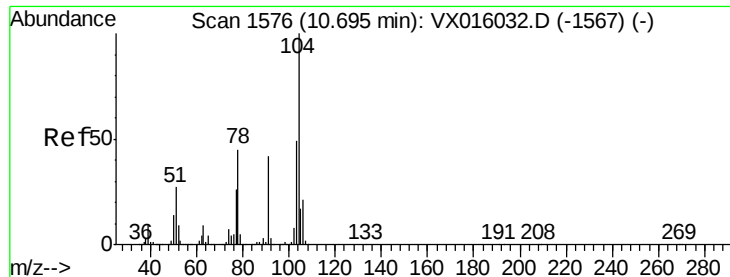
91 212.7 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





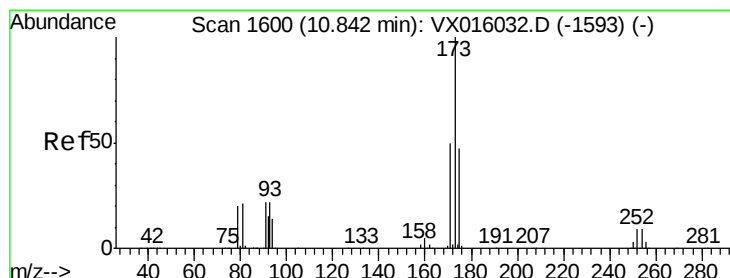
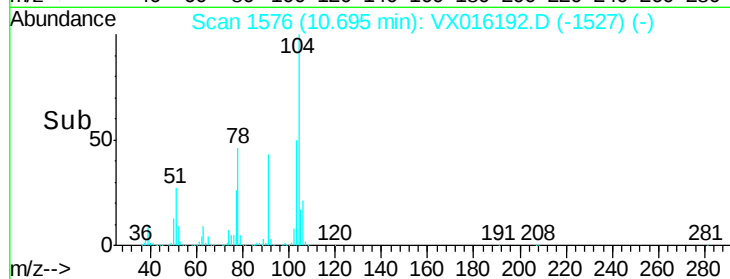
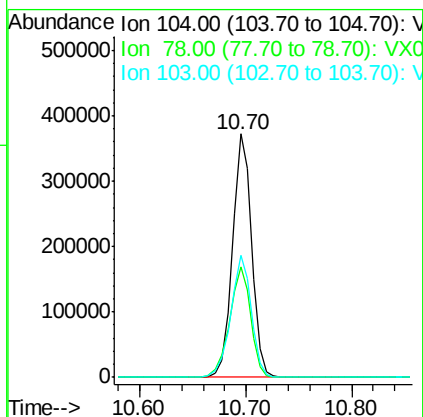
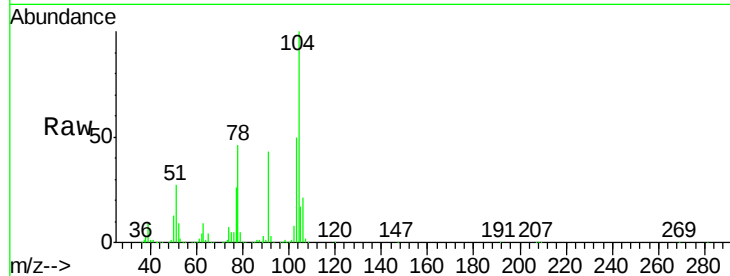
#70
Stvrene
Concen: 49.245 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.2	60.2
103	53.7	43.0	64.6

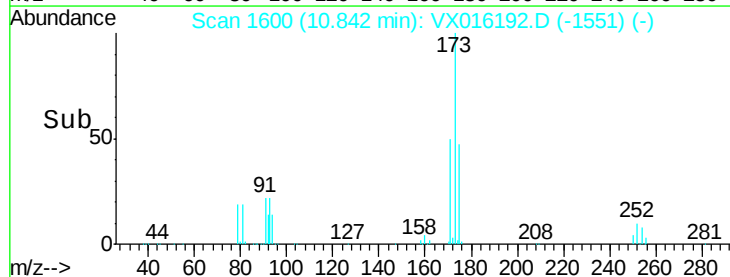
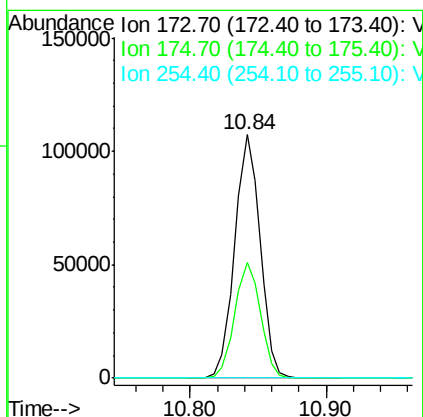
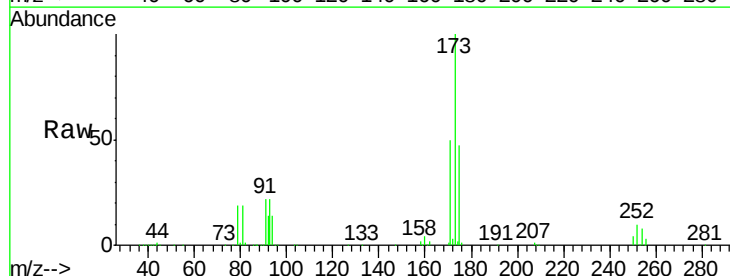
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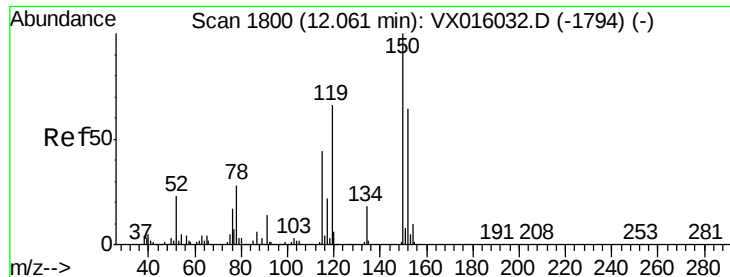
MMDadoda
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#71
Bromoform
Concen: 53.008 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

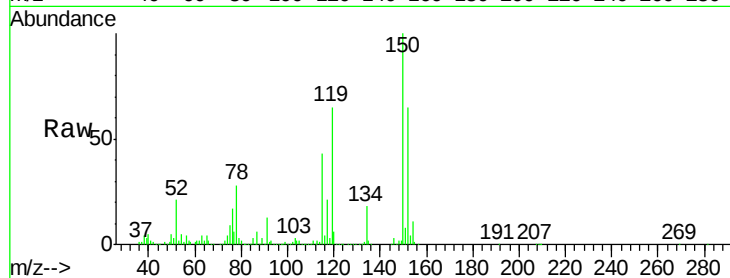
ClientSampleId :

SS052MW765-200511MSD

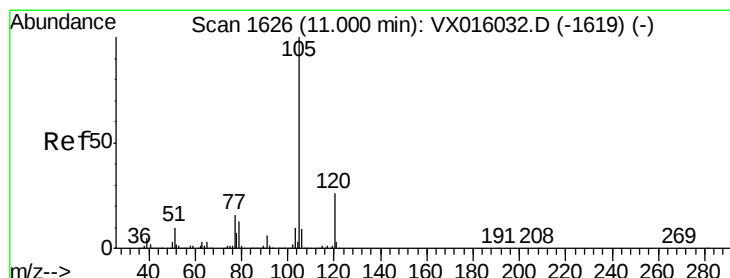
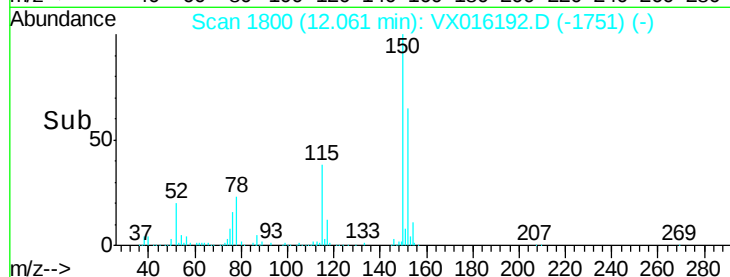
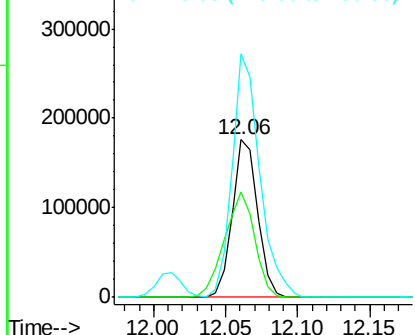
Tot Ion:	152	Resp:	216849
Ion Ratio	Lower	Upper	
152	100		
115	79.6	41.3	124.1
150	169.1	0.0	352.2

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



#73

Isopropylbenzene

Concen: 45.861 ug/l

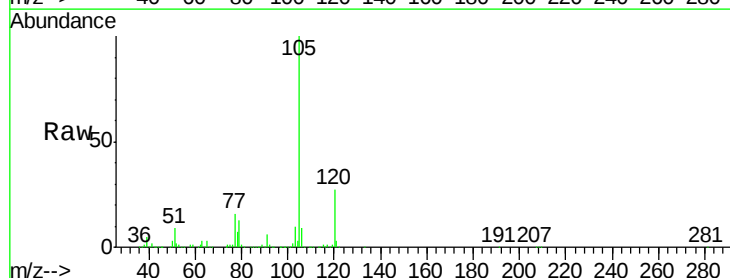
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

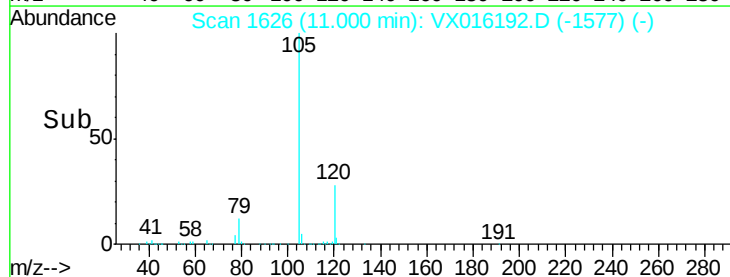
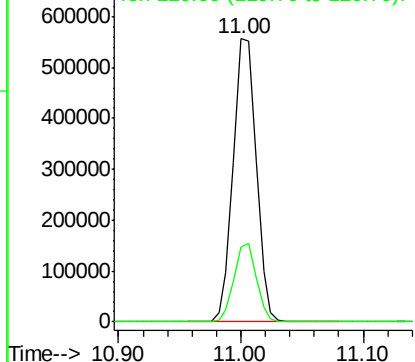
Lab File: VX016192.D

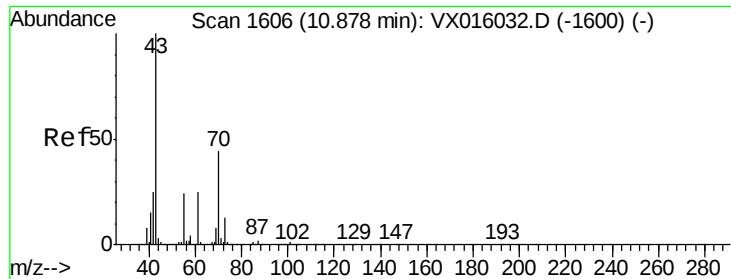
Acq: 13 May 2020 20:00

Tgt Ion:	105	Resp:	723332
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.164 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

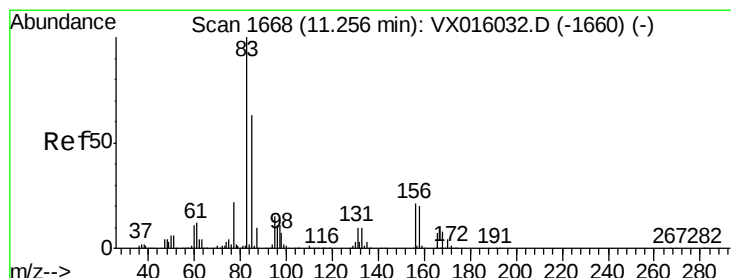
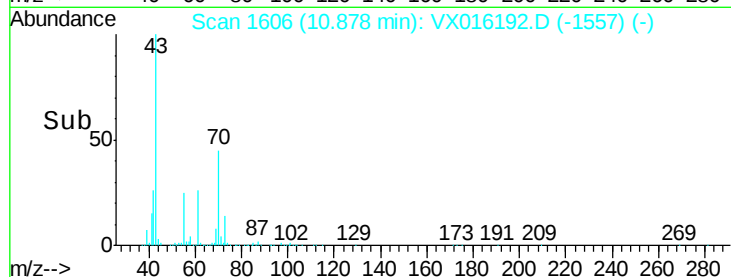
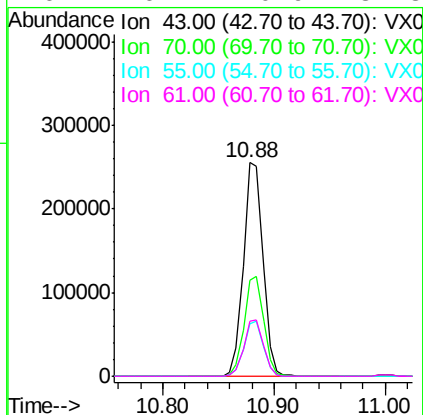
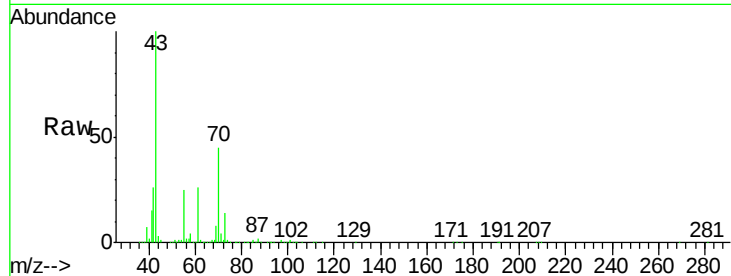
ClientSampleId :

SS052MW765-200511MSD

Tot Ion	43	Resp	310196
Ion	Ratio	Lower	Upper
43	100		
70	46.6	36.5	54.7
55	25.8	19.7	29.5
61	26.4	20.9	31.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.591 ug/l

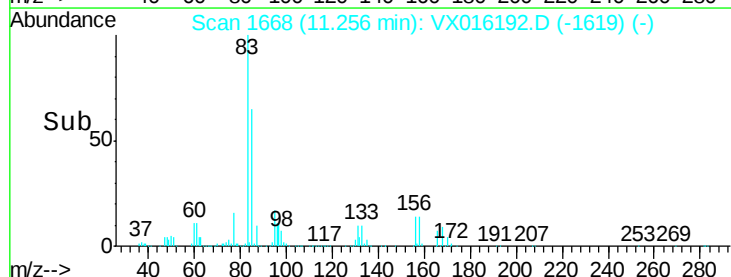
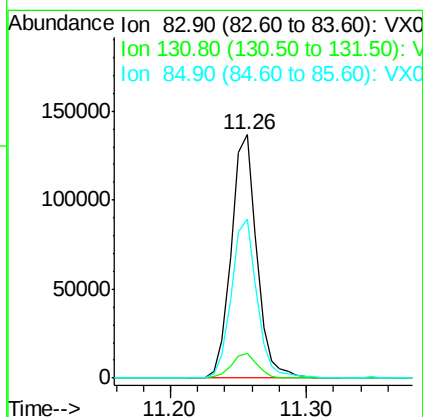
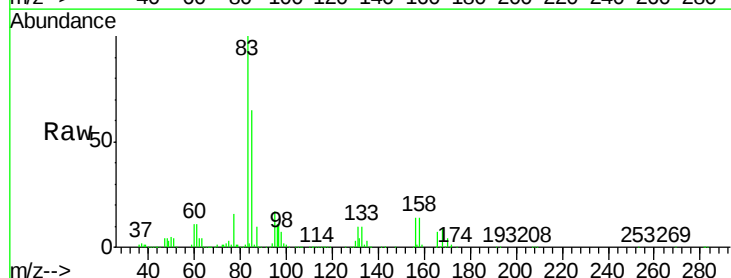
RT: 11.26 min Scan# 1668

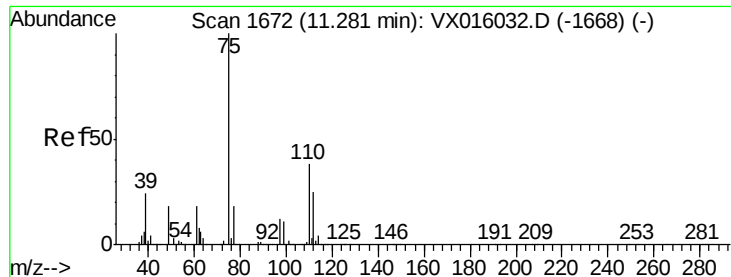
Delta R.T. 0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Tgt Ion	83	Resp	178271
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	65.5	32.0	96.0





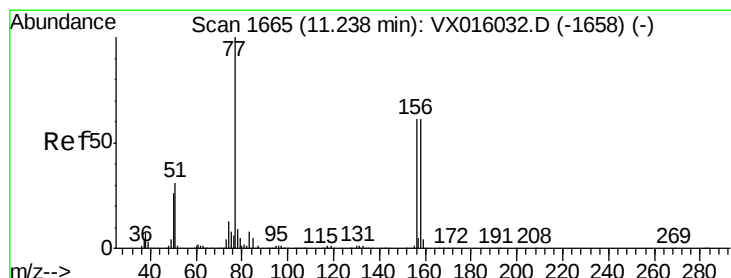
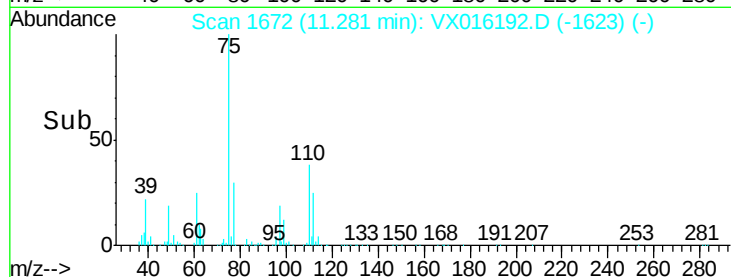
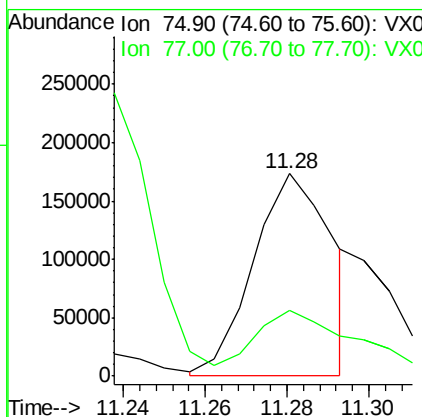
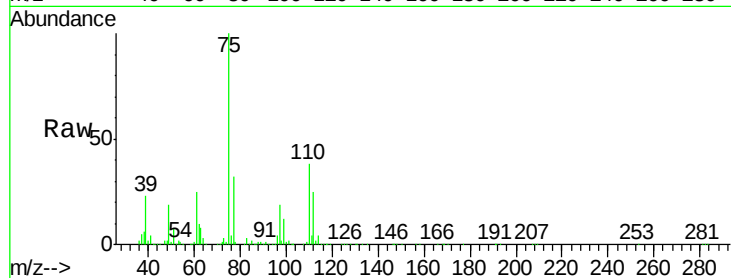
#76
1,2,3-Trichloropropane
Concen: 46.985 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion: 75 Resp: 231204
Ion Ratio Lower Upper
75 100
77 42.6 21.2 63.6

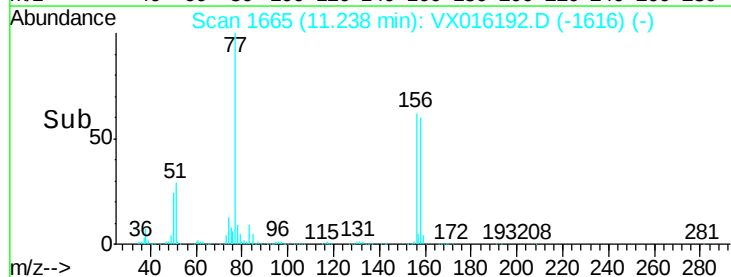
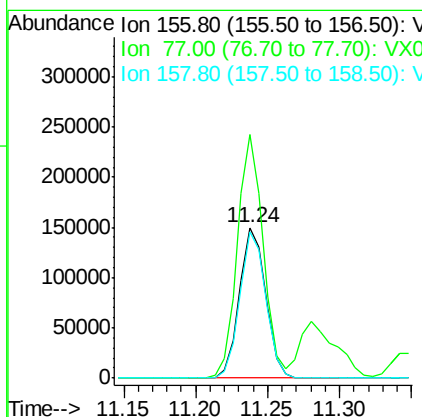
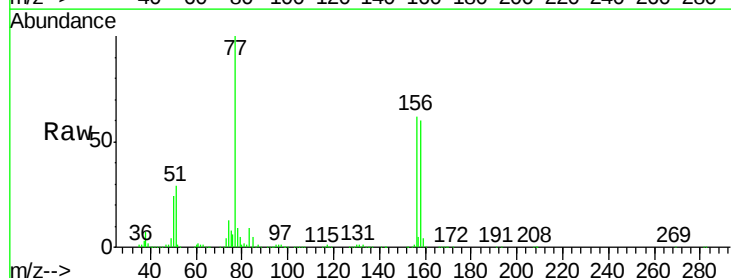
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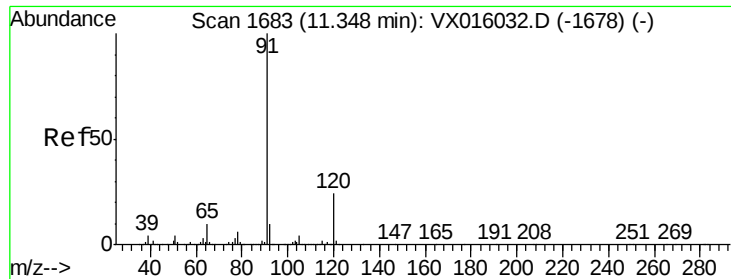
MMDadoda
5/14/2020 12:15:59 PM



#77
Bromobenzene
Concen: 46.485 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion: 156 Resp: 189247
Ion Ratio Lower Upper
156 100
77 159.6 80.1 240.3
158 96.6 49.4 148.2





#78

n-propylbenzene

Concen: 45.206 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 91 Resp: 829473

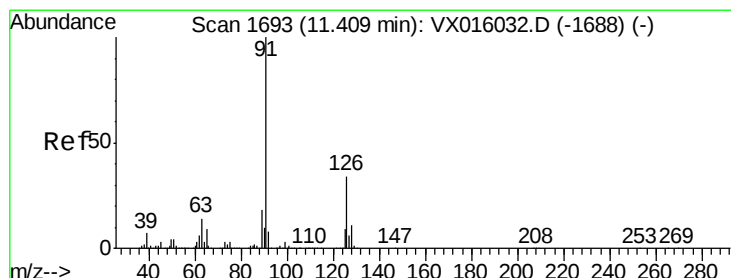
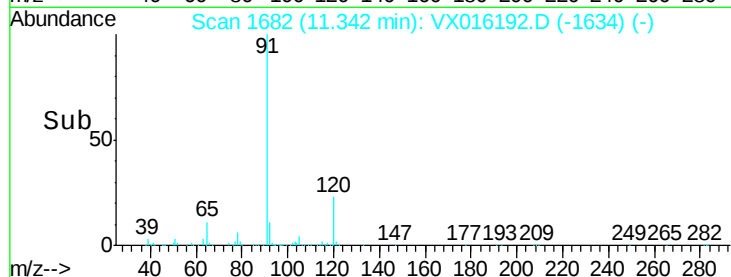
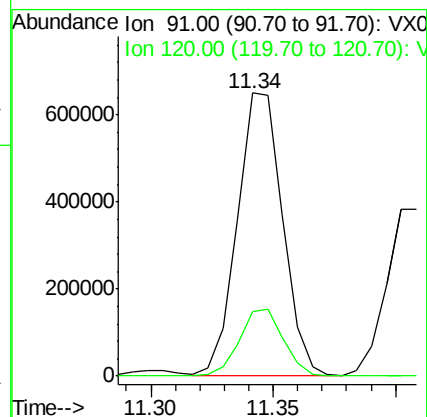
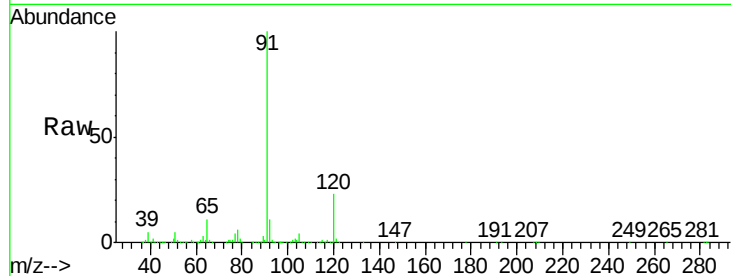
Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.158 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016192.D

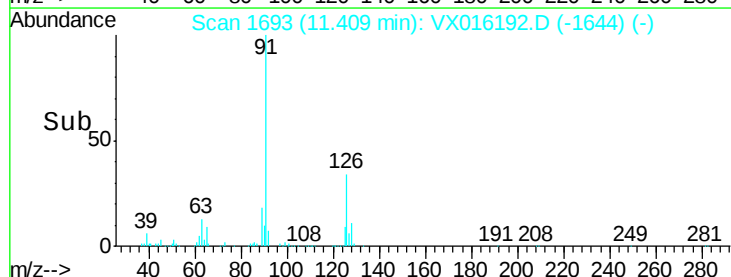
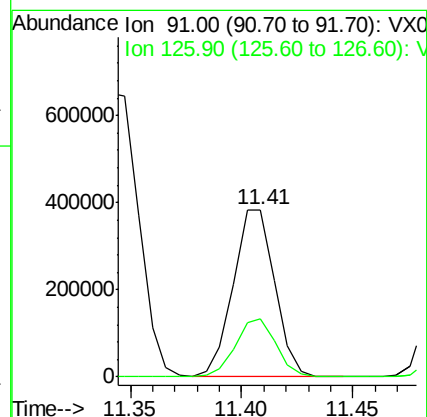
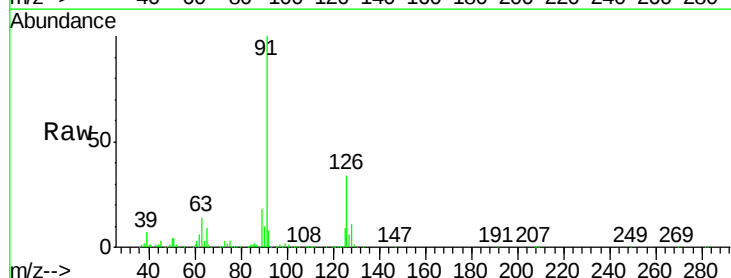
Acq: 13 May 2020 20:00

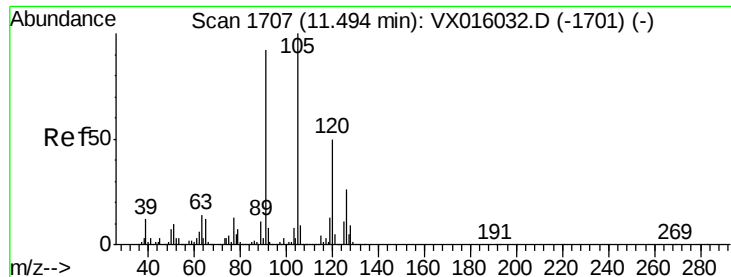
Tgt Ion: 91 Resp: 499930

Ion Ratio Lower Upper

91 100

126 33.6 16.9 50.6





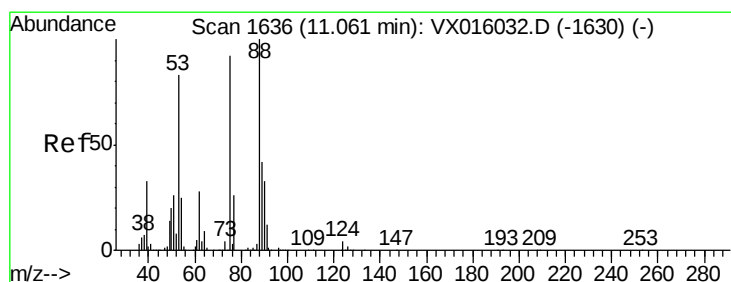
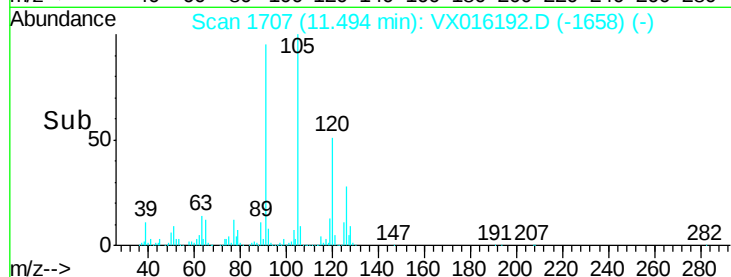
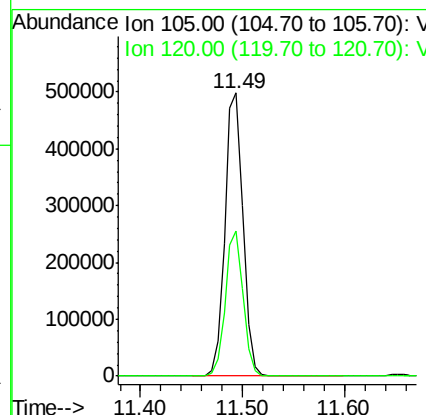
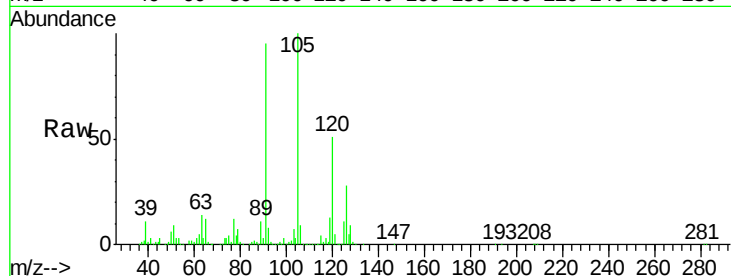
#80
 1,3,5-Trimethylbenzene
 Concen: 46.407 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Tot Ion: 105 Resp: 617999
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 74.0

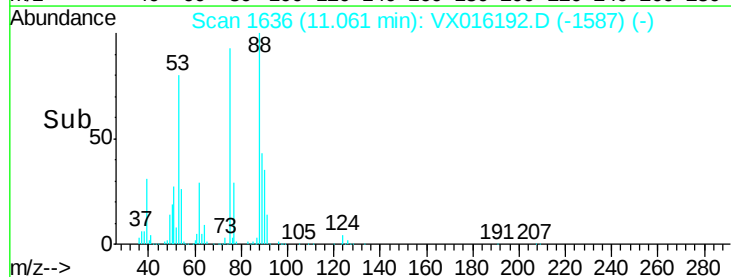
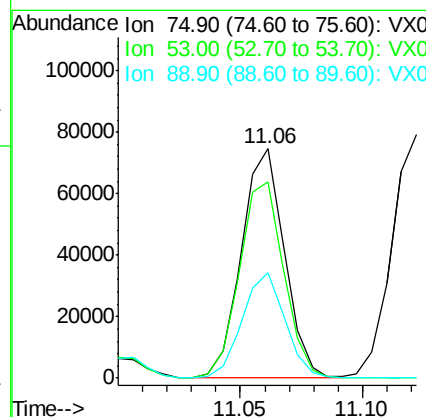
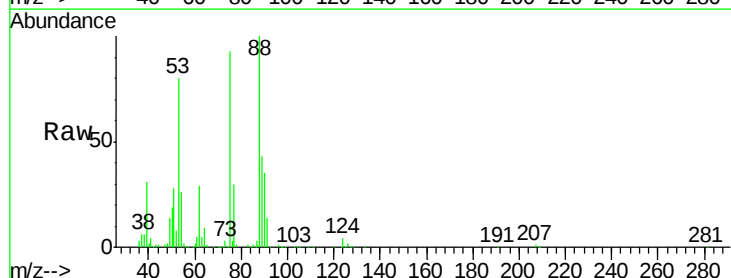
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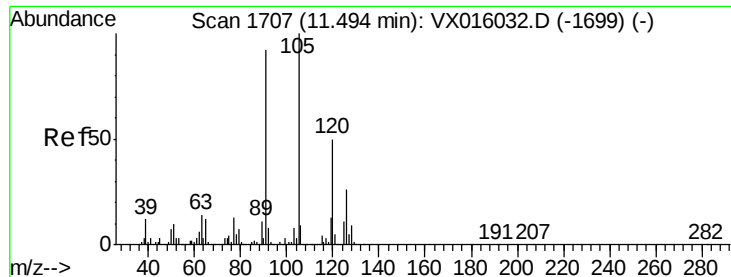
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.883 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Tgt Ion: 75 Resp: 90613
 Ion Ratio Lower Upper
 75 100
 53 88.4 73.1 109.7
 89 46.1 36.7 55.1





#82

4-Chlorotoluene

Concen: 46.760 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion: 91 Resp: 598055

Ion Ratio Lower Upper

91 100

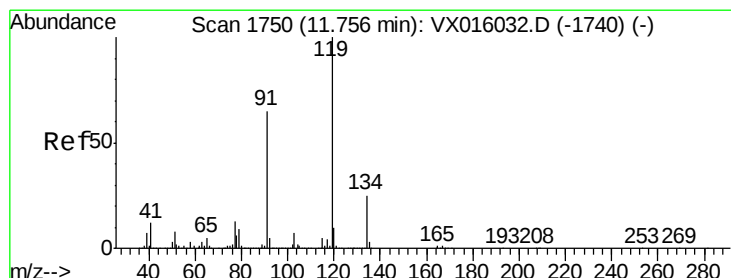
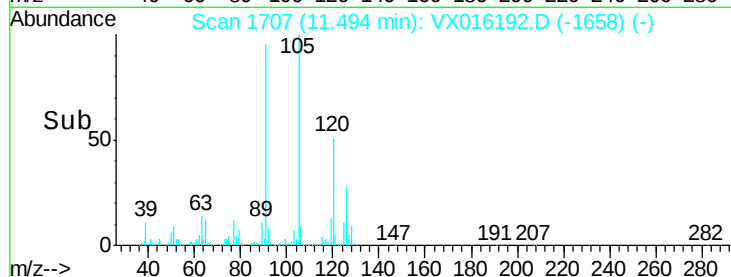
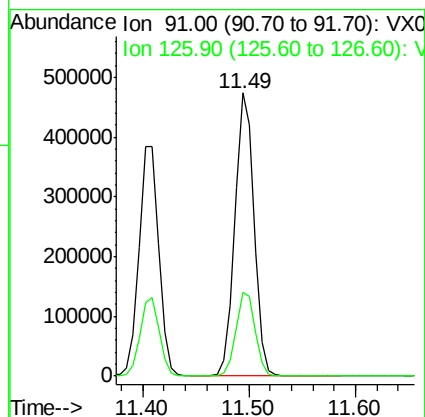
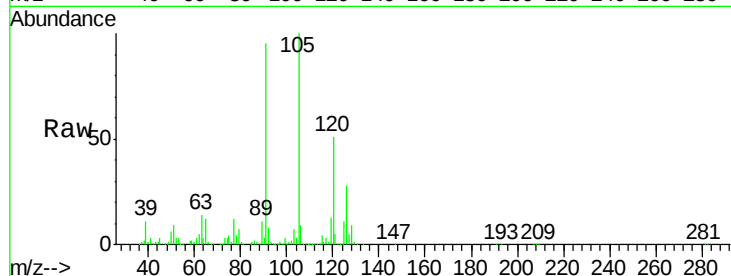
126 29.8 14.8 44.3

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#83

tert-Butylbenzene

Concen: 46.227 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

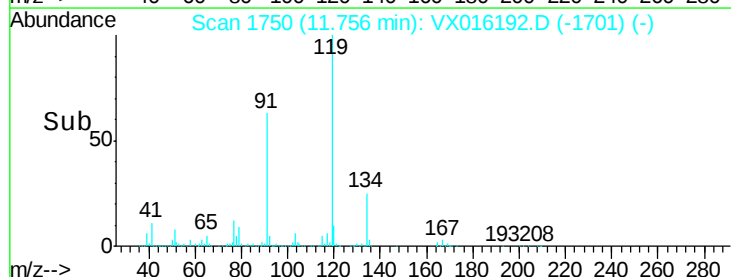
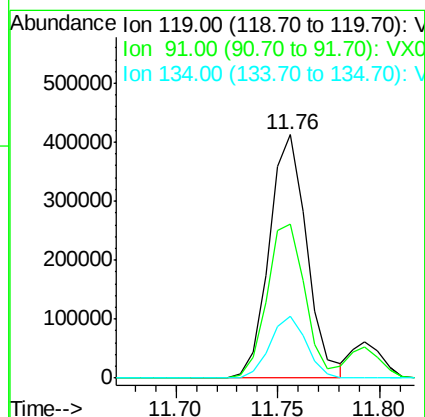
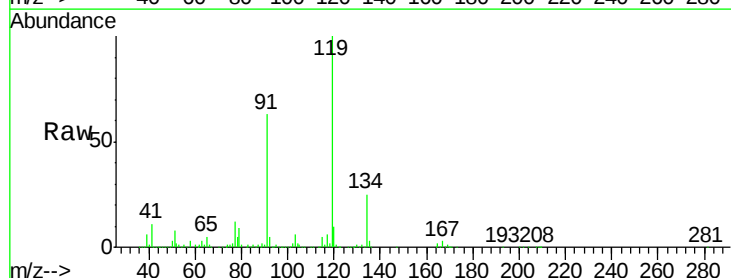
Tgt Ion: 119 Resp: 530525

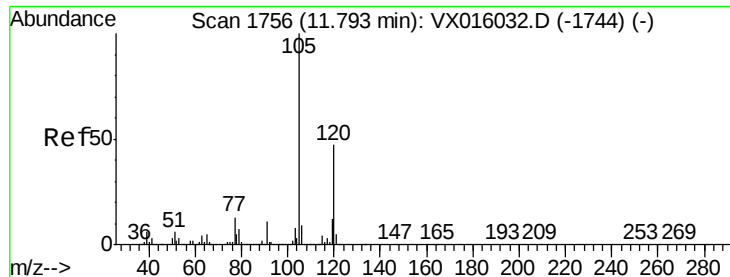
Ion Ratio Lower Upper

119 100

91 63.5 32.8 98.4

134 24.6 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 46.221 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016192.D

Acq: 13 May 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MSD

Tot Ion:105 Resp: 622290

Ion Ratio Lower Upper

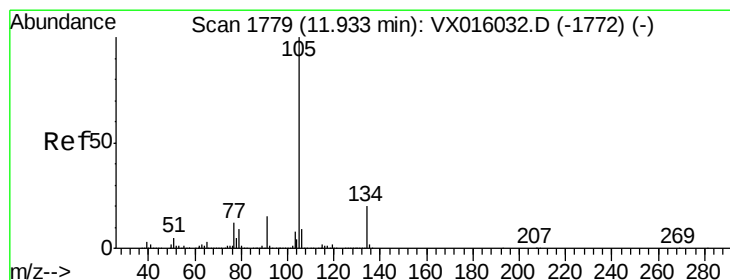
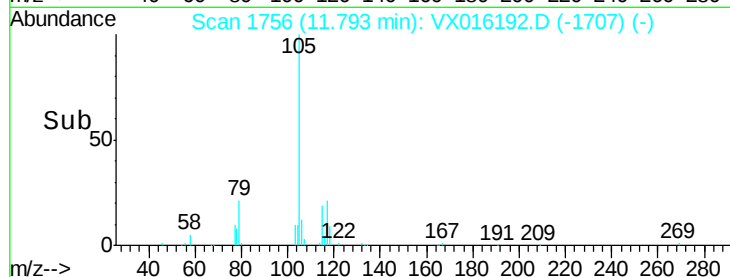
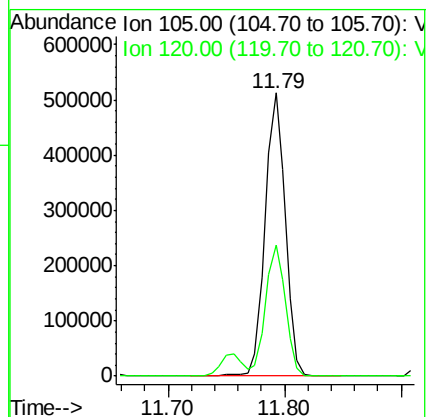
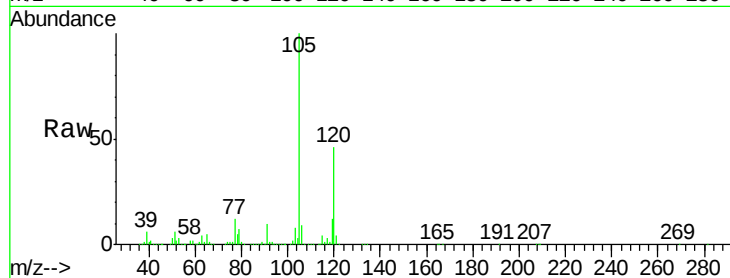
105 100

120 45.7 23.0 69.0

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#85

sec-Butylbenzene

Concen: 43.734 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016192.D

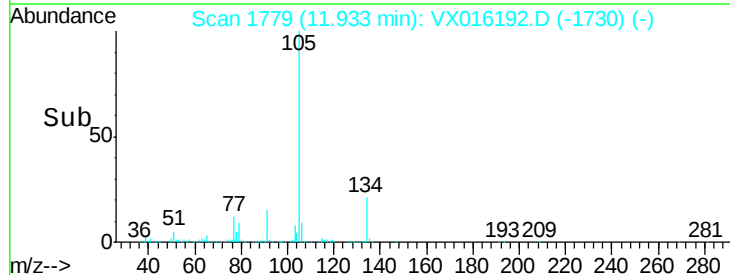
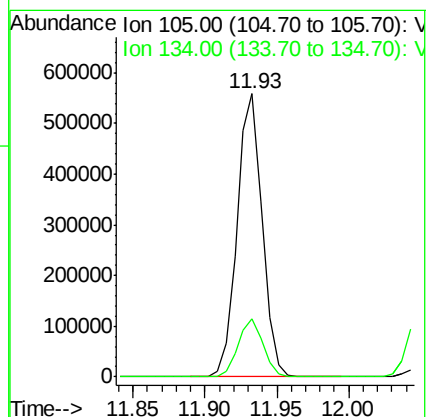
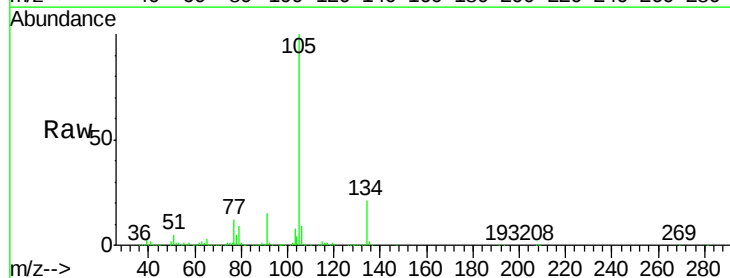
Acq: 13 May 2020 20:00

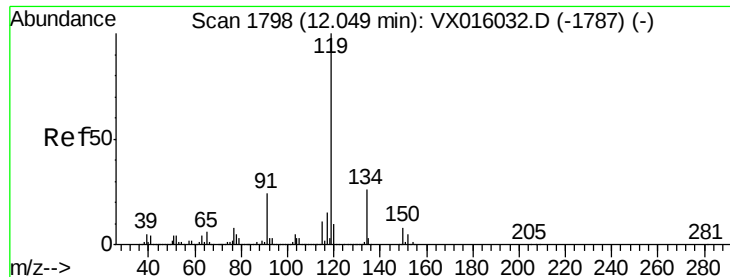
Tgt Ion:105 Resp: 677680

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3





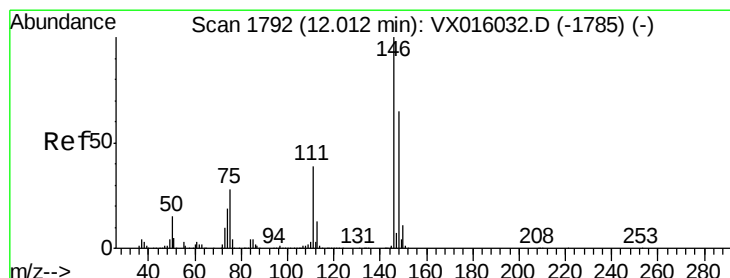
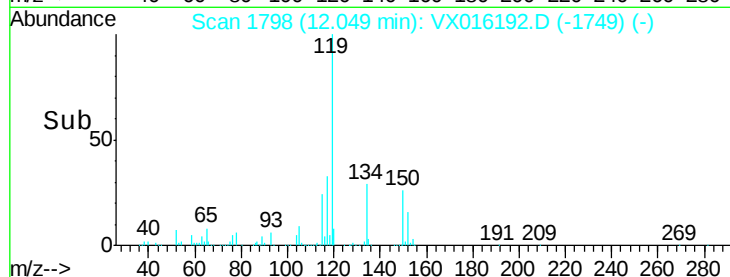
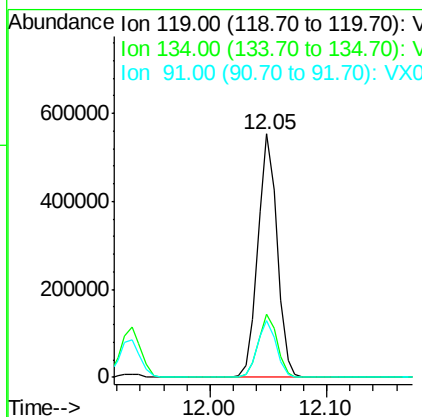
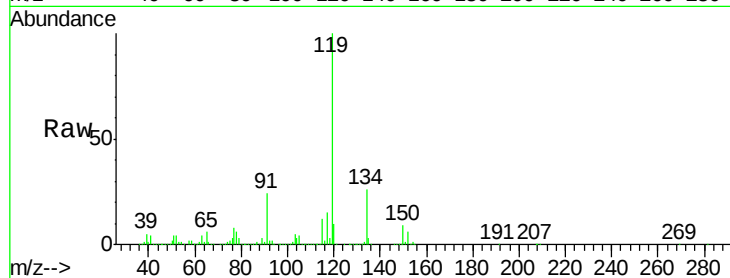
#86
p-Isopropyltoluene
Concen: 44.343 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	637954		
134	25.9		13.1	39.3
91	23.0		11.8	35.4

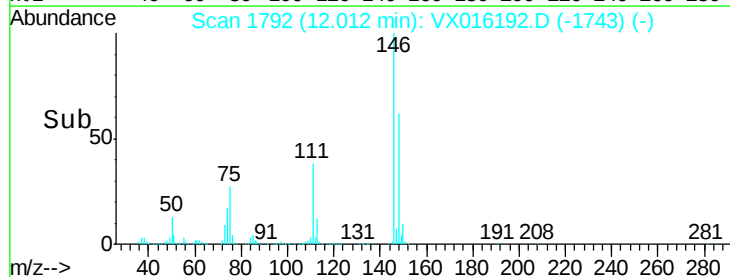
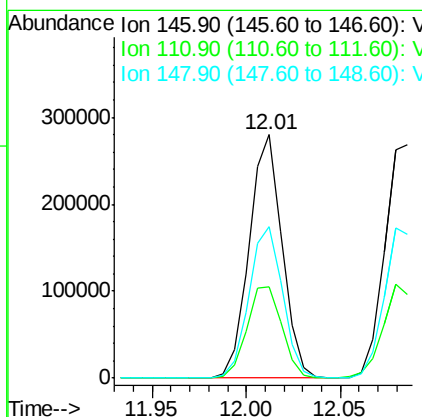
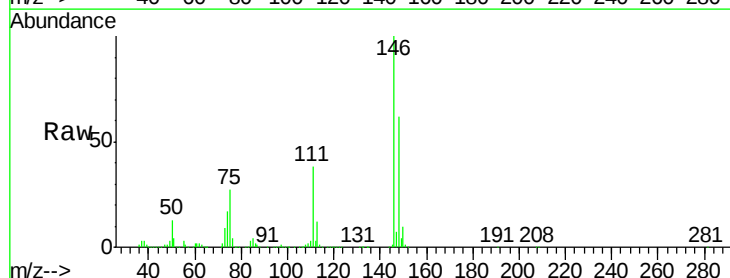
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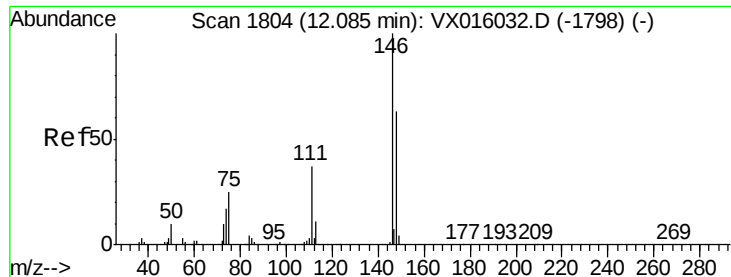
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#87
1,3-Dichlorobenzene
Concen: 46.349 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338801		
111	40.2		20.2	60.6
148	64.0		32.1	96.3





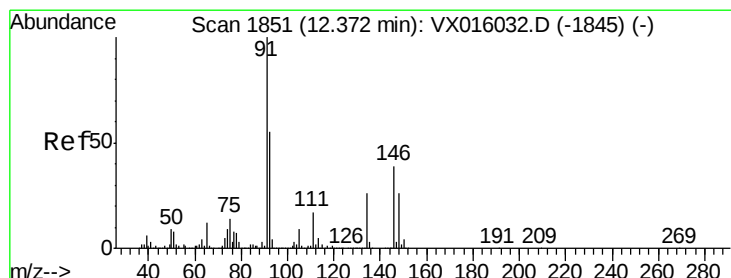
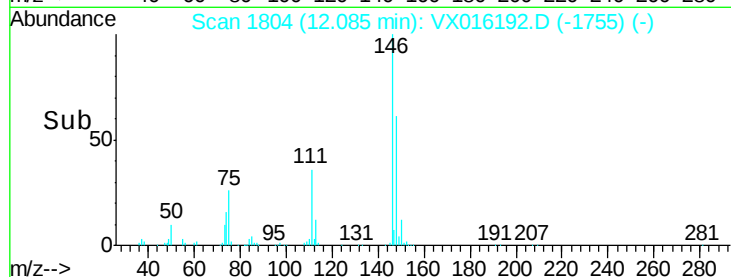
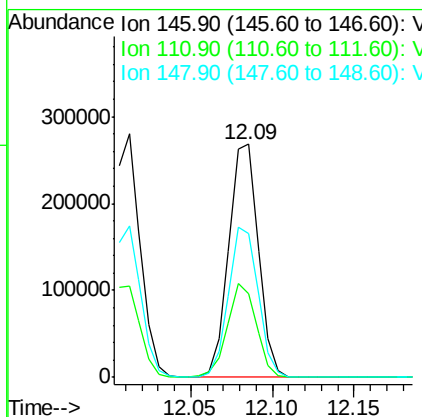
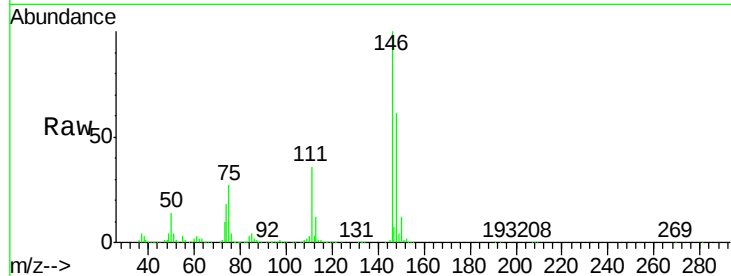
#88
 1,4-Dichlorobenzene
 Concen: 45.646 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	338657		
111	39.4	19.6	58.7	
148	64.5	31.8	95.3	

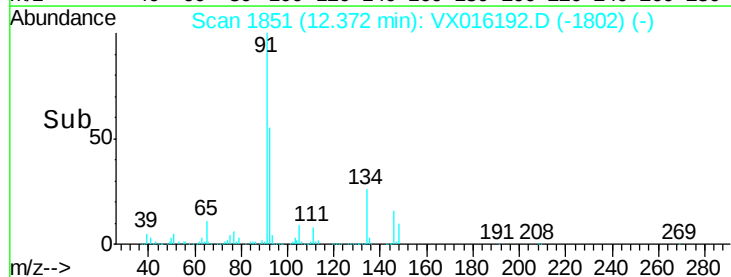
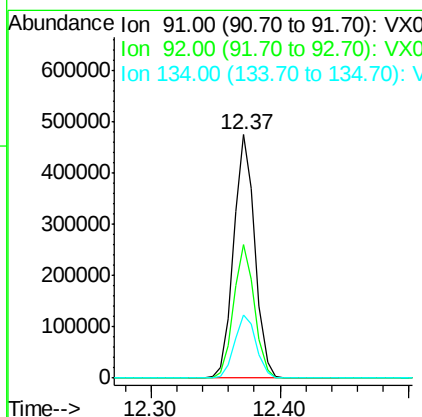
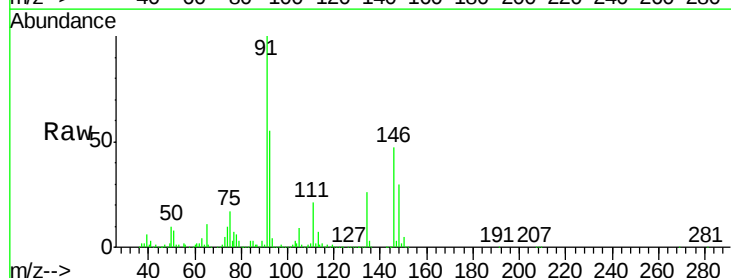
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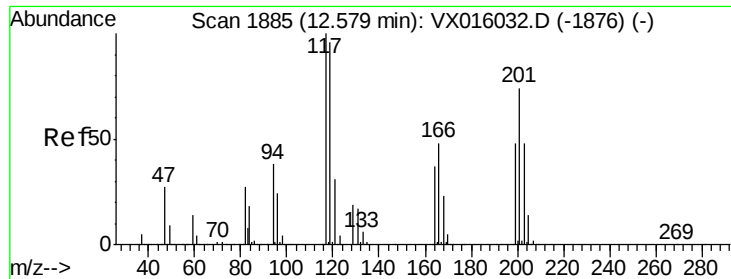
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#89
 n-Butylbenzene
 Concen: 41.340 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	543336		
92	54.3	27.6	82.7	
134	26.8	13.4	40.1	





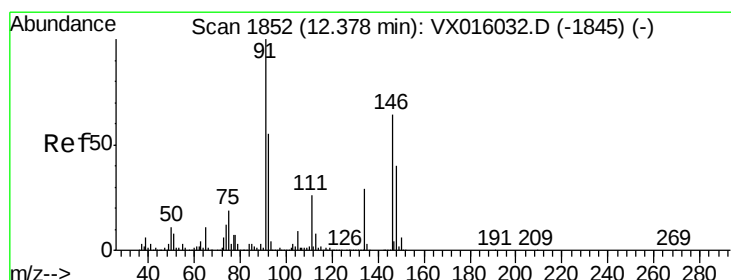
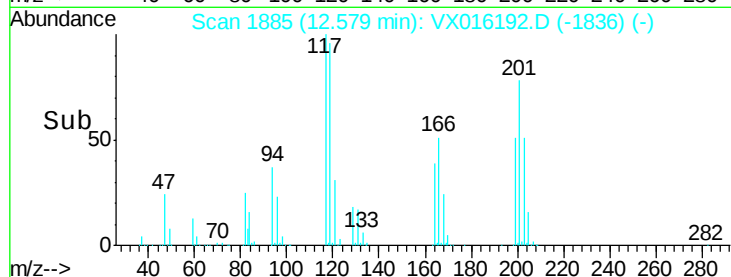
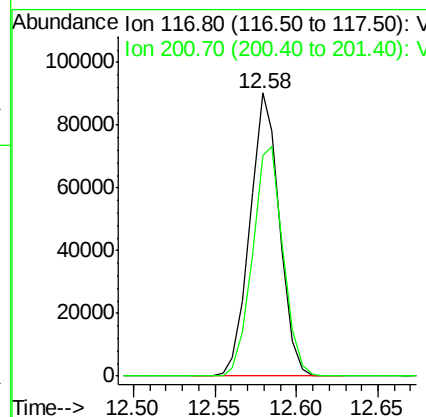
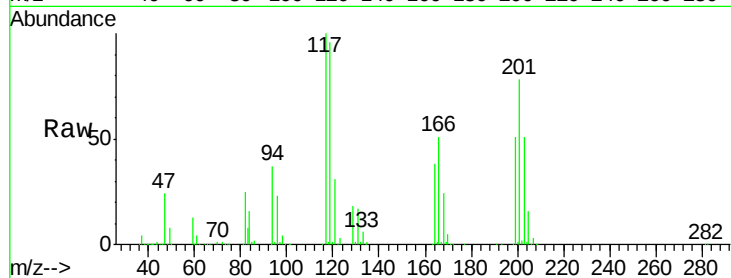
#90
Hexachloroethane
Concen: 46.043 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion:117 Resp: 113762
Ion Ratio Lower Upper
117 100
201 83.7 39.8 119.3

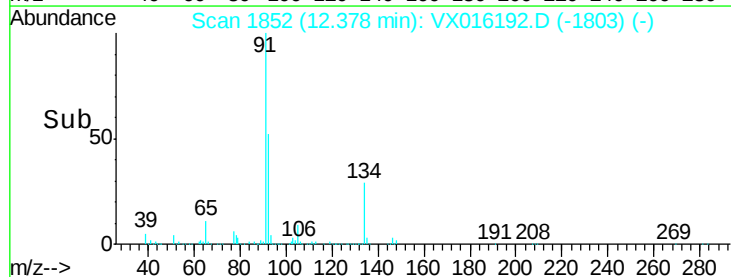
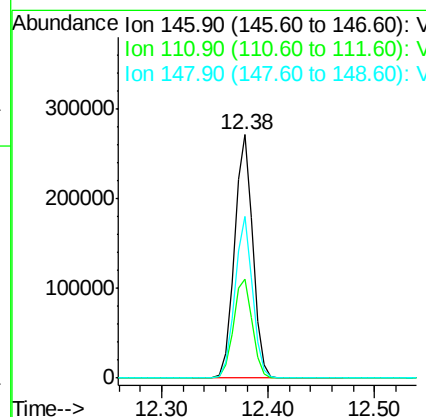
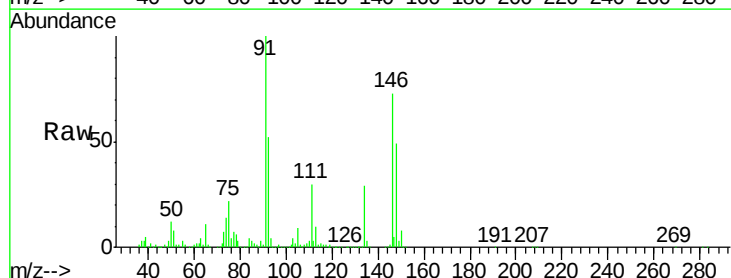
Manual Integrations
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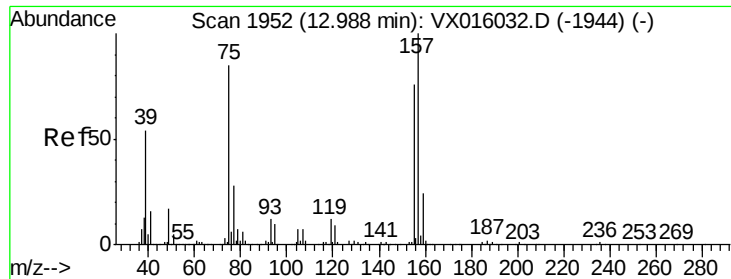
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#91
1,2-Dichlorobenzene
Concen: 46.347 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion:146 Resp: 326216
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.1
148 64.1 32.4 97.0





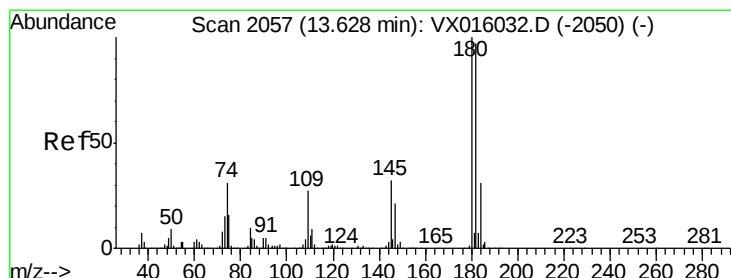
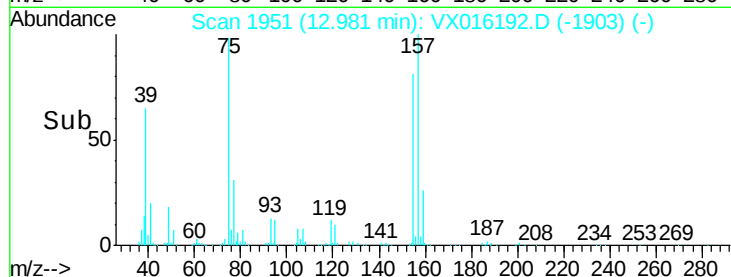
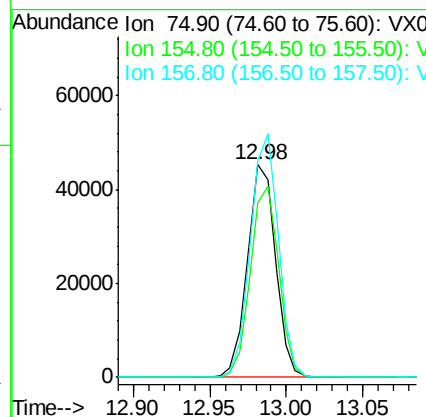
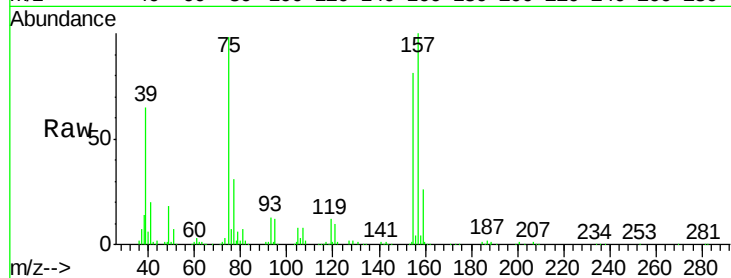
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.698 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	90.4	42.5	127.5
157	113.8	55.3	165.8

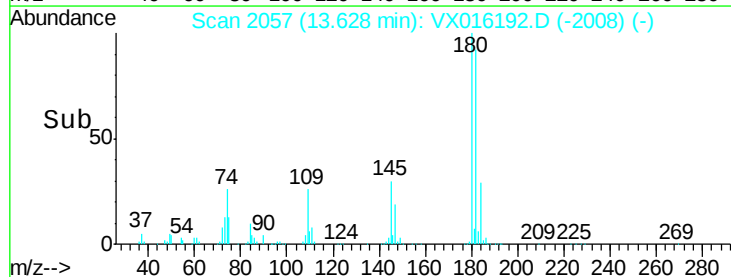
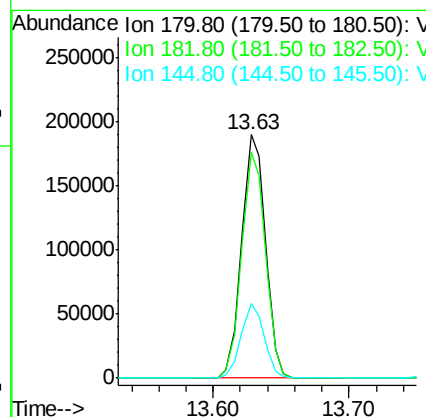
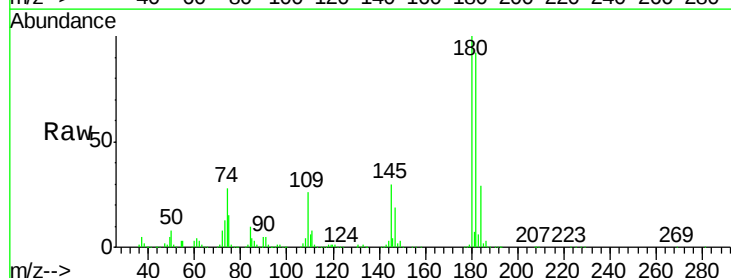
Manual Integrations
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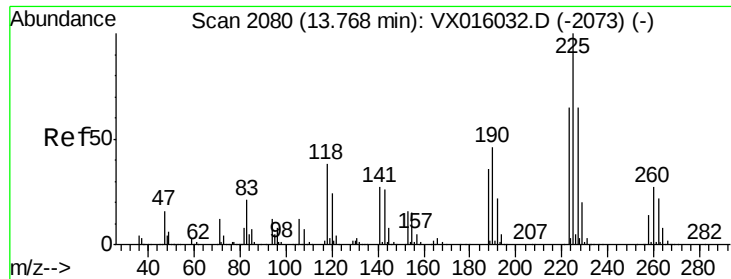
MMDadoda
 5/14/2020 12:15:59 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 44.320 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.7	146.1
145	29.7	15.7	47.1





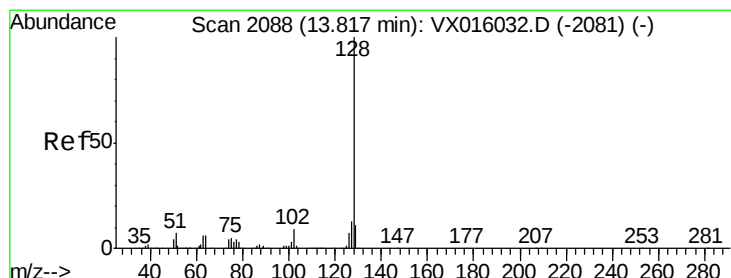
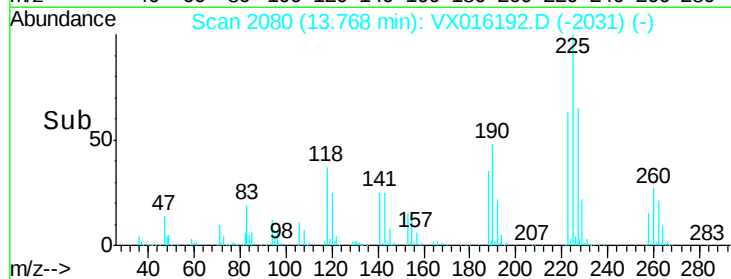
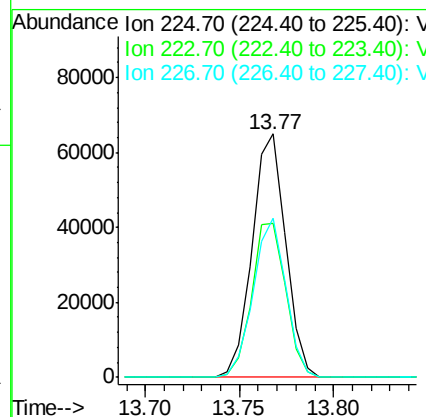
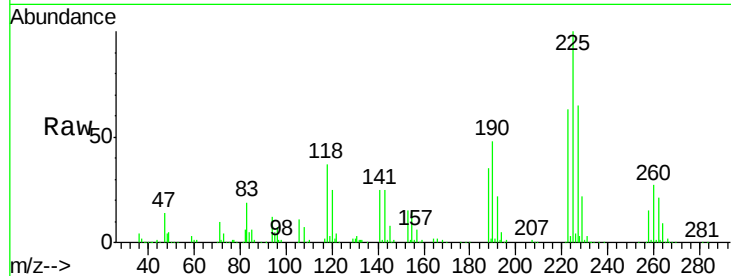
#94
Hexachlorobutadiene
Concen: 35.812 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	80022		
223	64.7		32.3	96.9
227	63.6		31.8	95.4

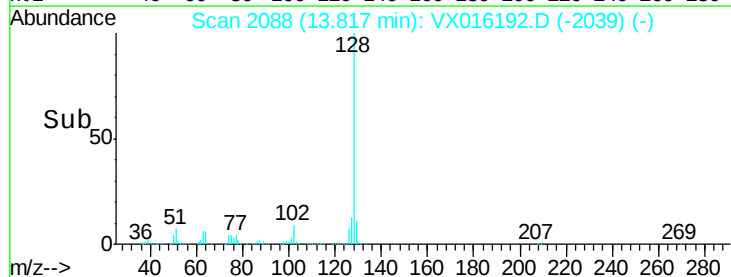
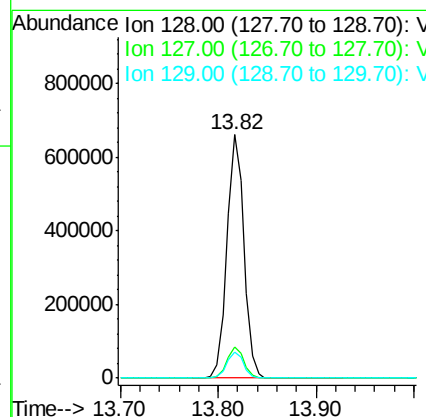
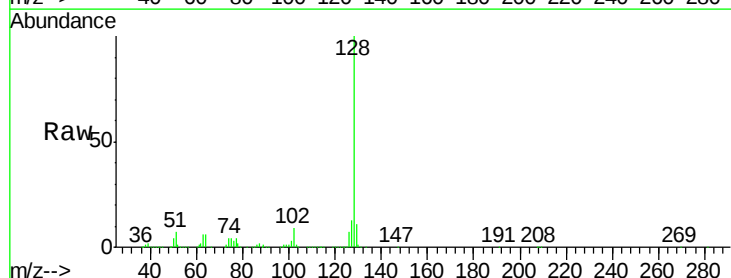
Manual Integrations
APPROVED

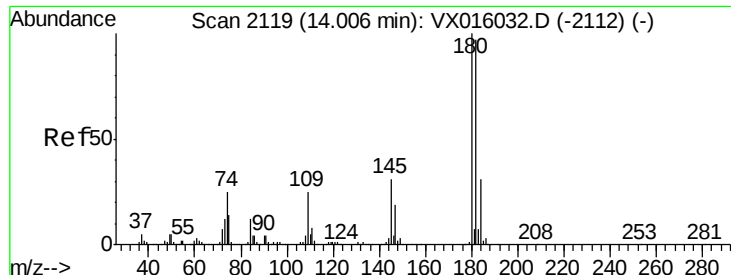
MMDadoda
5/14/2020 12:15:59 PM



#95
Naphthalene
Concen: 46.889 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016192.D
Acq: 13 May 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	791182		
127	12.8		10.2	15.4
129	10.7		8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.367 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016192.D
 Acq: 13 May 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	48.4	145.0
145	32.0	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:15:59 PM

