

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016550.D
 Acq On : 02 Jun 2020 12:41
 Operator : JC/SP
 Sample : L2801-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:46 AM

Quant Time: Jun 03 04:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	325971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	518277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	480217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186375	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.47	113	151994	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.70	98	595440	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.12	95	226889	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	144853	45.155	ug/l	98
3) Chloromethane	1.31	50	180300	46.510	ug/l	100
4) Vinyl Chloride	1.39	62	195452	47.675	ug/l	97
5) Bromomethane	1.62	94	81869	41.071	ug/l	97
6) Chloroethane	1.70	64	117080	48.958	ug/l	96
7) Trichlorofluoromethane	1.91	101	252344	46.869	ug/l	98
8) Diethyl Ether	2.17	74	109549	48.796	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	147433	49.755	ug/l	100
10) Methyl Iodide	2.49	142	154787	44.106	ug/l	97
11) Tert butyl alcohol	3.02	59	329897	317.799	ug/l	100
12) 1,1-Dichloroethene	2.36	96	154581	49.284	ug/l	100
13) Acrolein	2.27	56	150783	341.462	ug/l	96
14) Allyl chloride	2.70	41	296117	51.335	ug/l	96
15) Acrylonitrile	3.12	53	589175	277.074	ug/l	98
16) Acetone	2.42	43	1985874	1119.697	ug/l	98
17) Carbon Disulfide	2.55	76	441886	47.441	ug/l	100
18) Methyl Acetate	2.75	43	270820	59.535	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	552617	49.065	ug/l	99
20) Methylene Chloride	2.83	84	176960	48.225	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	167363	48.240	ug/l	98
22) Diisopropyl ether	3.82	45	537165	48.476	ug/l	99
23) Vinyl Acetate	3.78	43	2477102	255.390	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304831	48.739	ug/l	99
25) 2-Butanone	4.64	43	3662602	1218.729	ug/l	98
26) 2,2-Dichloropropane	4.55	77	266732	52.119	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	198867	49.548	ug/l	99
28) Bromochloromethane	4.98	49	136897	47.102	ug/l	98
29) Tetrahydrofuran	5.09	42	562935	289.942	ug/l	99
30) Chloroform	5.18	83	298152	47.312	ug/l	99
31) Cyclohexane	5.55	56	262489	46.651	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	269463	47.230	ug/l	99
36) 1,1-Dichloropropene	5.77	75	230262	46.924	ug/l	99
37) Ethyl Acetate	4.79	43	304058	51.611	ug/l	99
38) Carbon Tetrachloride	5.76	117	238401	46.230	ug/l	97

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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	259898	48.762	ug/l	98
40) Benzene	6.11	78	694501	47.526	ug/l	99
41) Methacrylonitrile	5.00	41	162703	50.278	ug/l	98
42) 1,2-Dichloroethane	6.17	62	238186	45.833	ug/l	98
43) Isopropyl Acetate	6.42	43	459227	49.973	ug/l	99
44) Trichloroethene	7.19	130	198770	42.871	ug/l	98
45) 1,2-Dichloropropane	7.49	63	182431	49.038	ug/l	98
46) Dibromomethane	7.64	93	120296	48.143	ug/l	98
47) Bromodichloromethane	7.88	83	249002	48.127	ug/l	98
48) Methyl methacrylate	7.74	41	221724	50.392	ug/l	98
49) 1,4-Dioxane	7.71	88	112131	1088.971	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1596961	279.094	ug/l	99
52) Toluene	8.77	92	446294	48.432	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	294918	50.129	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	311994	50.102	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	180089	49.153	ug/l	99
56) Ethyl methacrylate	9.16	69	303386	50.843	ug/l	99
57) 1,3-Dichloropropane	9.35	76	309743	49.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	8761	2.813	ug/l	94
59) 2-Hexanone	9.48	43	1241572	279.023	ug/l	98
60) Dibromochloromethane	9.57	129	204973	49.713	ug/l	99
61) 1,2-Dibromoethane	9.65	107	194155	49.486	ug/l	99
64) Tetrachloroethene	9.32	164	207128	38.553	ug/l	99
65) Chlorobenzene	10.12	112	473211	48.335	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	182032	48.708	ug/l	99
67) Ethyl Benzene	10.24	91	839704	48.173	ug/l	99
68) m/p-Xylenes	10.34	106	629361	97.381	ug/l	99
69) o-Xylene	10.68	106	308508	49.290	ug/l	97
70) Styrene	10.70	104	534438	49.677	ug/l	99
71) Bromoform	10.84	173	158544	50.197	ug/l #	99
73) Isopropylbenzene	11.00	105	813638	50.055	ug/l	100
74) N-amyl acetate	10.88	43	400678	53.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	253420	62.207	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	272997m	52.941	ug/l	
77) Bromobenzene	11.24	156	210733	49.429	ug/l	99
78) n-propylbenzene	11.34	91	929247	51.169	ug/l	99
79) 2-Chlorotoluene	11.40	91	559401	50.465	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	688409	50.721	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	112776	53.797	ug/l	97
82) 4-Chlorotoluene	11.49	91	653552	49.927	ug/l	100
83) tert-Butylbenzene	11.76	119	616843	53.189	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	699489	50.960	ug/l	100
85) sec-Butylbenzene	11.93	105	753518	51.794	ug/l	99
86) p-Isopropyltoluene	12.05	119	699839	51.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	366871	49.670	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	370018	48.982	ug/l	100
89) n-Butylbenzene	12.37	91	610699	53.801	ug/l	99
90) Hexachloroethane	12.58	117	122538	52.057	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	350976	49.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73480	55.686	ug/l	100

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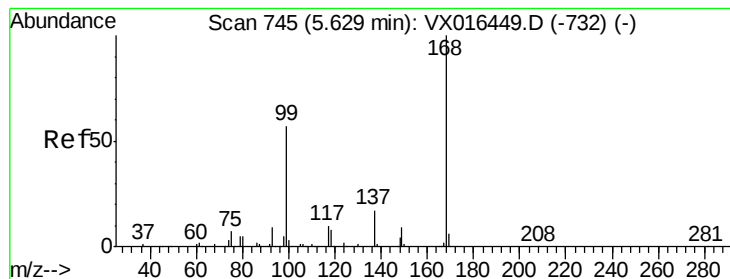
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	253369	53.312	ug/l	99
94) Hexachlorobutadiene	13.76	225	101540	54.416	ug/l	97
95) Naphthalene	13.82	128	879808	54.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	244359	52.481	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion:168 Resp: 325971

Ion Ratio Lower Upper

168 100

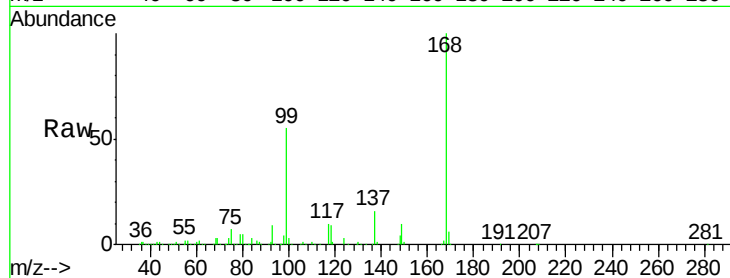
99 55.2 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

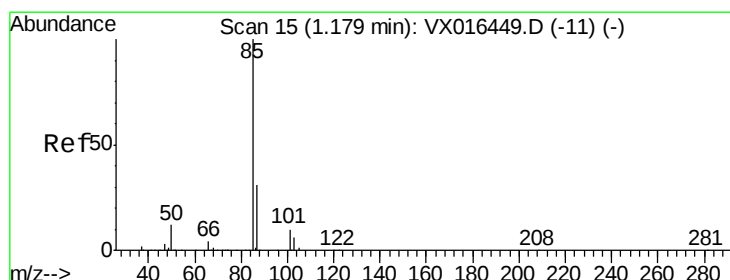
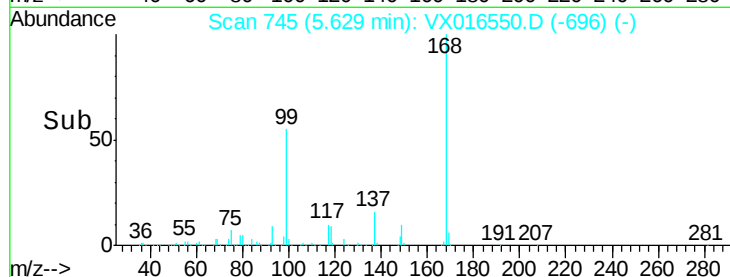
5.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.155 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016550.D

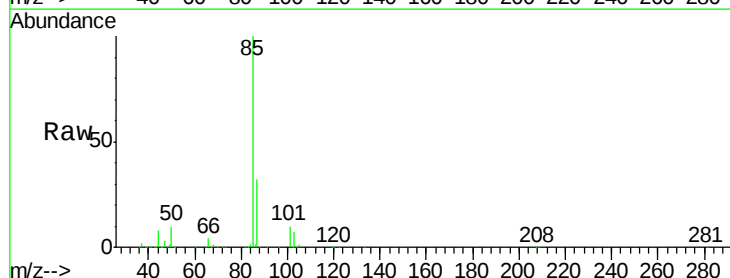
Acq: 02 Jun 2020 12:41

Tgt Ion: 85 Resp: 144853

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

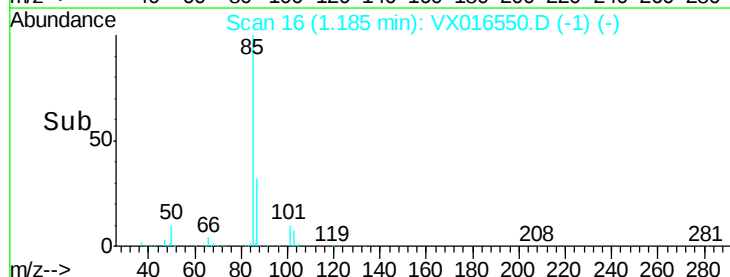
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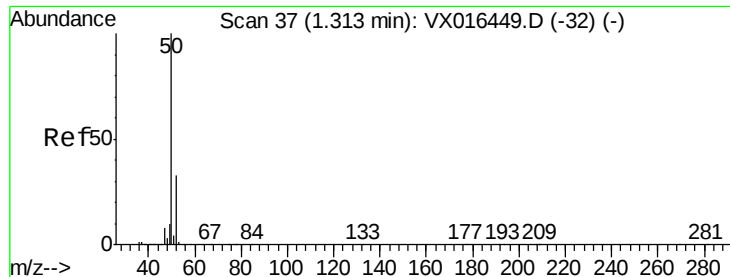
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50000

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Time-->





#3

Chloromethane

Concen: 46.510 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 50 Resp: 180300

Ion Ratio Lower Upper

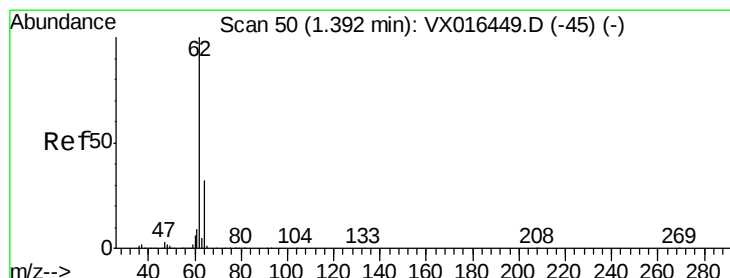
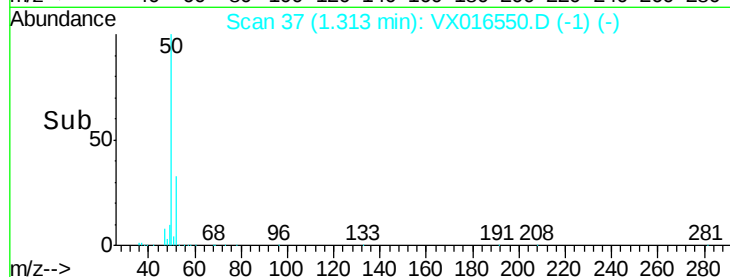
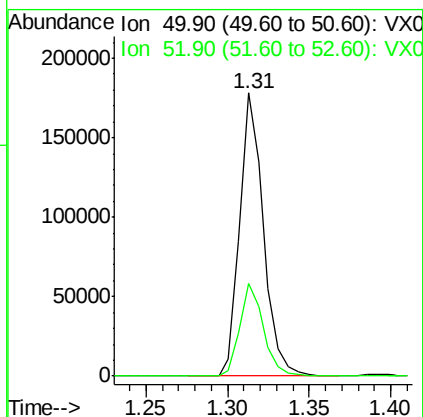
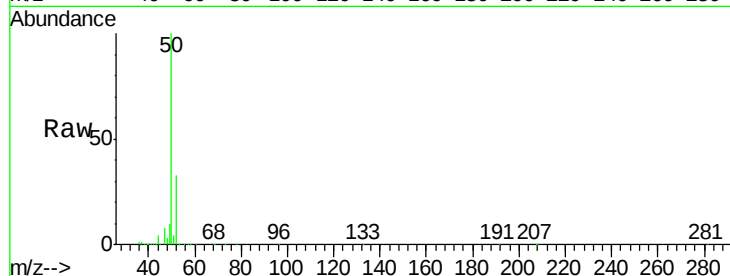
50 100

52 32.9 26.2 39.2

Manual Integrations
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6/3/2020 9:51:46 AM



#4

Vinyl Chloride

Concen: 47.675 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016550.D

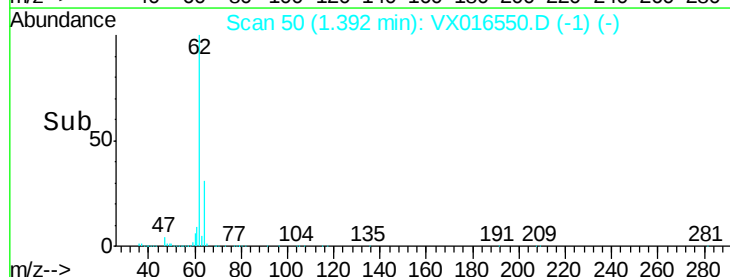
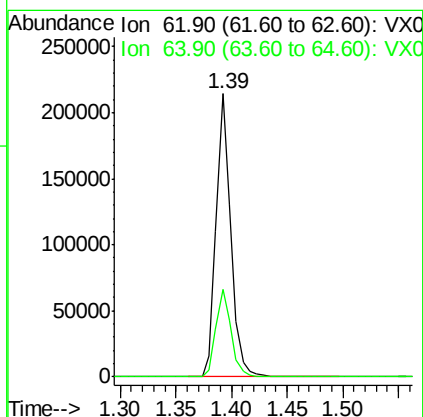
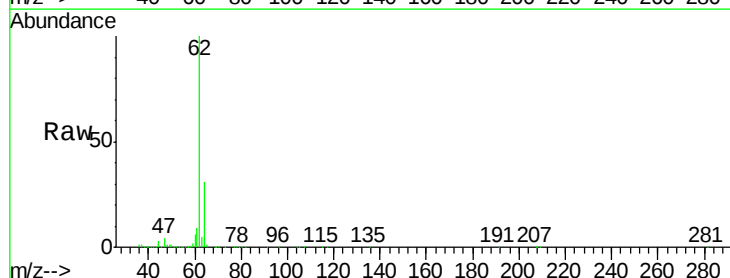
Acq: 02 Jun 2020 12:41

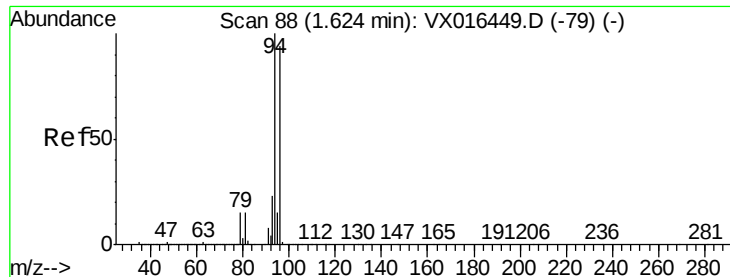
Tgt Ion: 62 Resp: 195452

Ion Ratio Lower Upper

62 100

64 31.0 25.9 38.9





#5

Bromomethane

Concen: 41.071 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

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ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 94 Resp: 81869

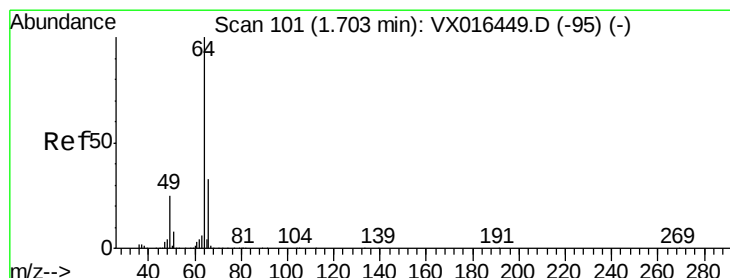
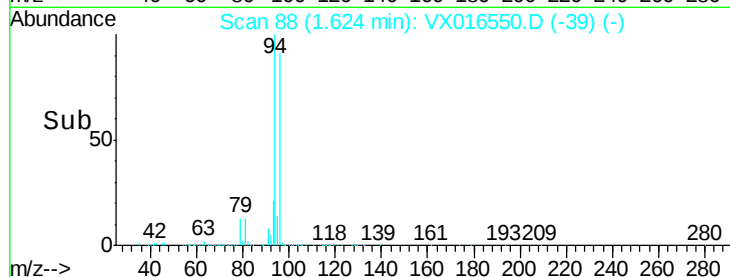
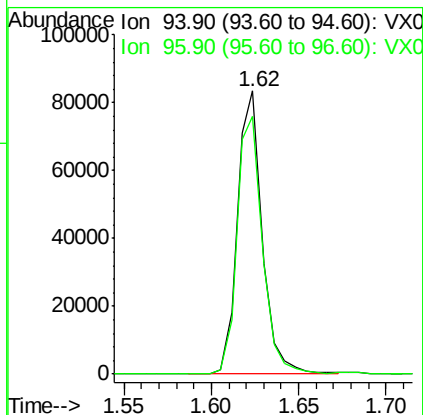
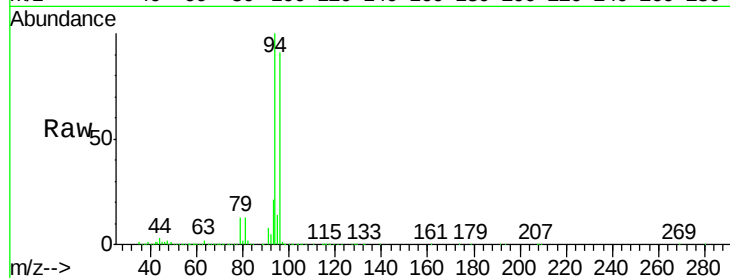
Ion Ratio Lower Upper

94 100

96 91.3 75.1 112.7

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6/3/2020 9:51:46 AM



#6

Chloroethane

Concen: 48.958 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016550.D

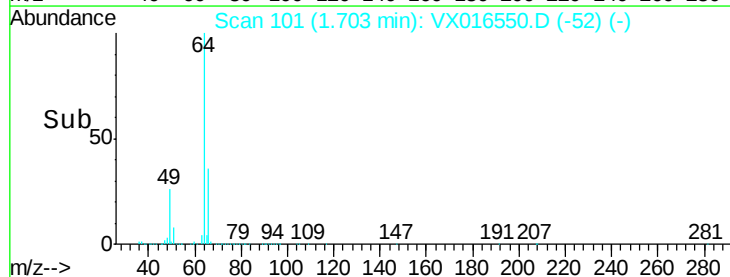
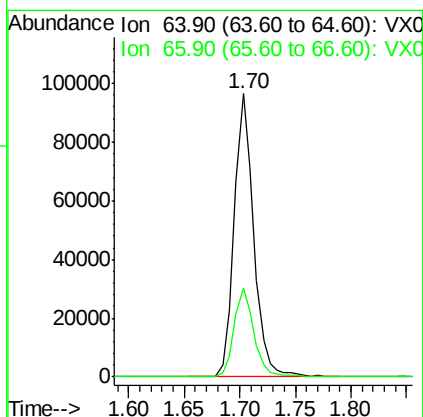
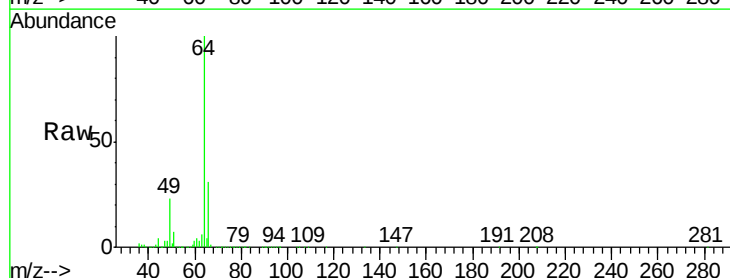
Acq: 02 Jun 2020 12:41

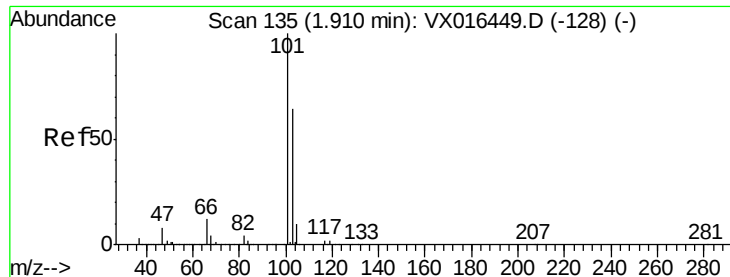
Tgt Ion: 64 Resp: 117080

Ion Ratio Lower Upper

64 100

66 31.3 26.7 40.1





#7

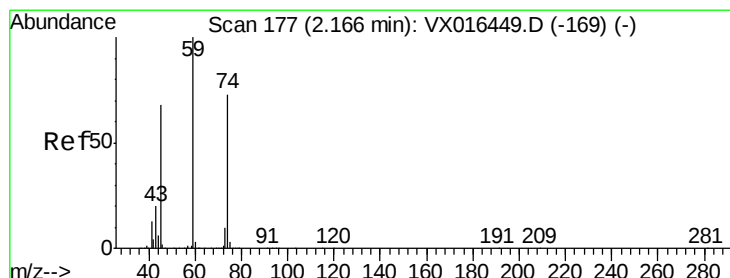
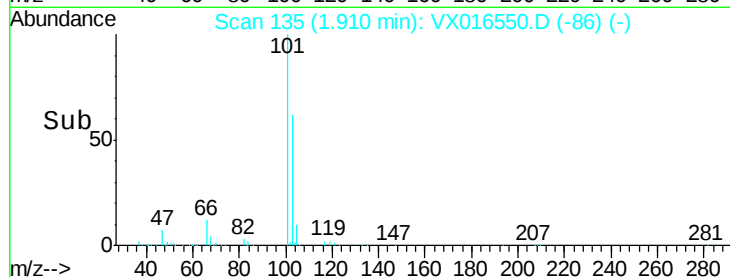
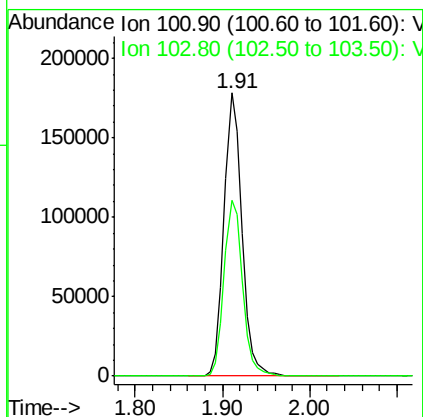
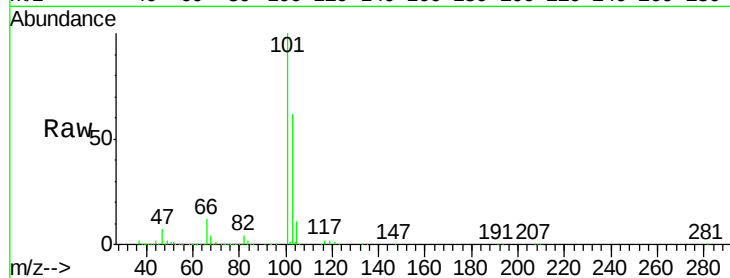
Trichlorofluoromethane
Concen: 46.869 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		252344		
103	62.2	50.9	76.3		

Manual Integrations
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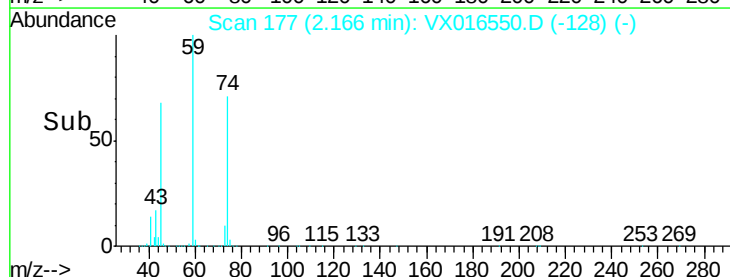
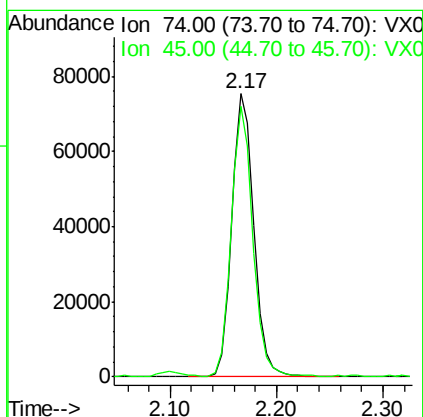
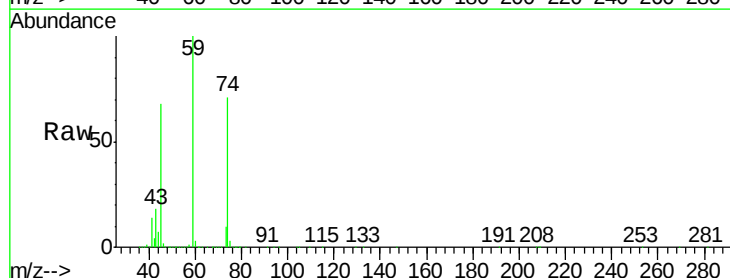
MMDadoda
6/3/2020 9:51:46 AM

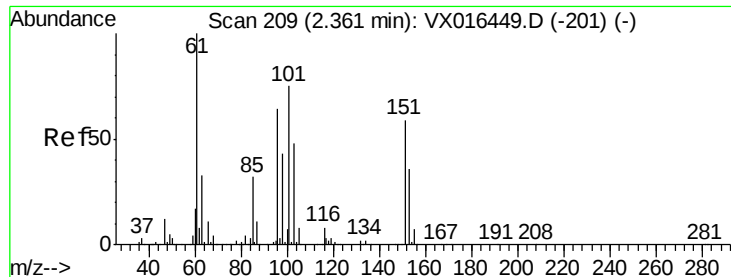


#8

Diethyl Ether
Concen: 48.796 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		109549		
45	93.2	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.755 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

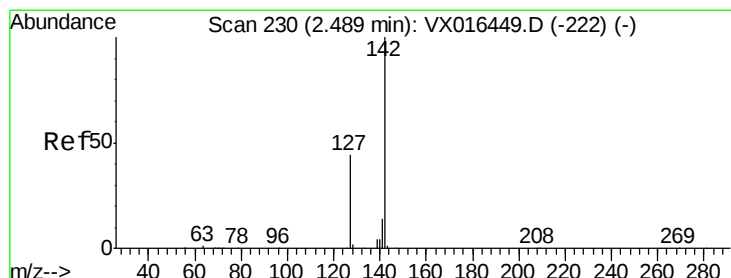
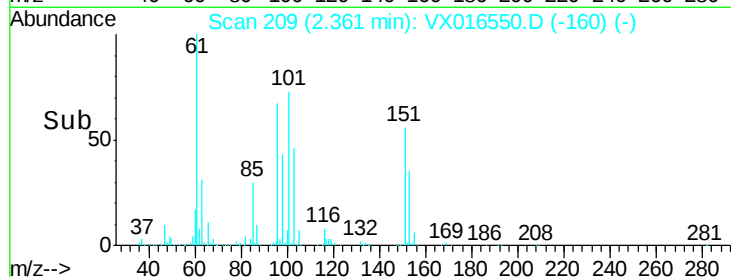
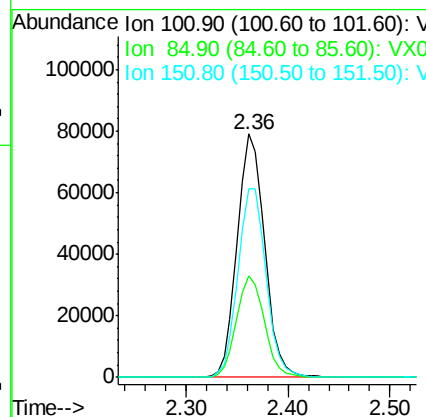
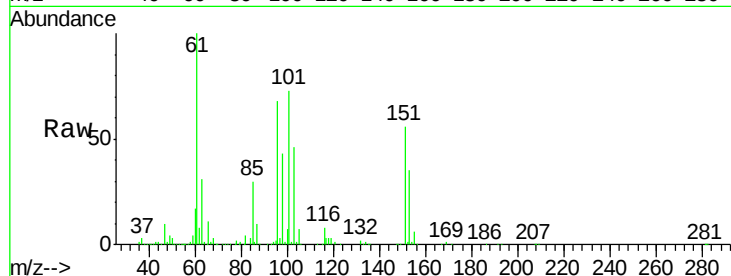
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	101	Resp:	147433
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	79.7	63.8	95.6

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#10

Methyl Iodide

Concen: 44.106 ug/l

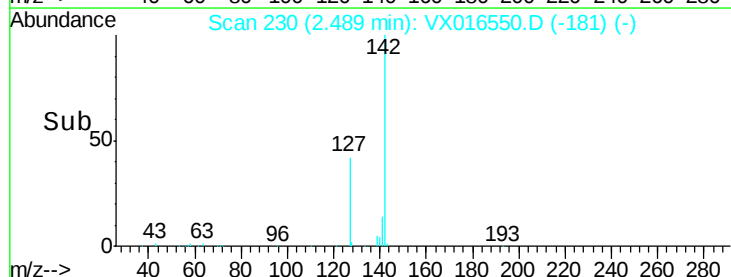
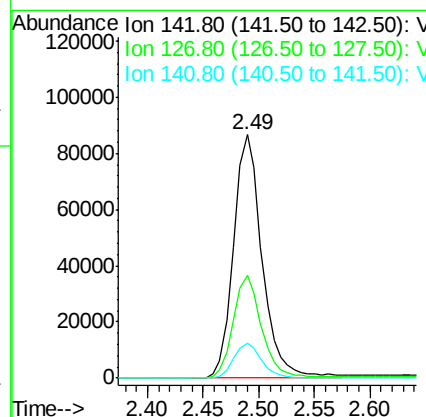
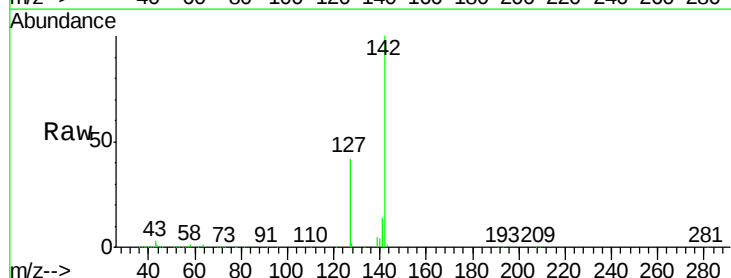
RT: 2.49 min Scan# 230

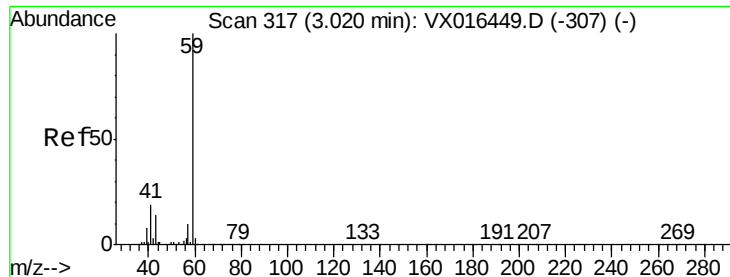
Delta R.T. 0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	142	Resp:	154787
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.3	52.9
141	14.4	11.4	17.2





#11

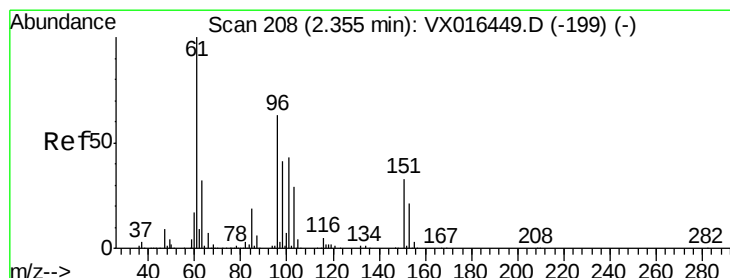
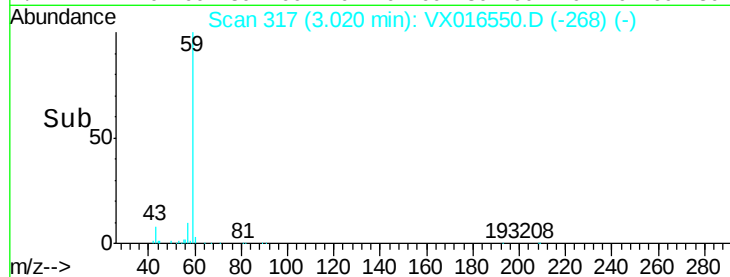
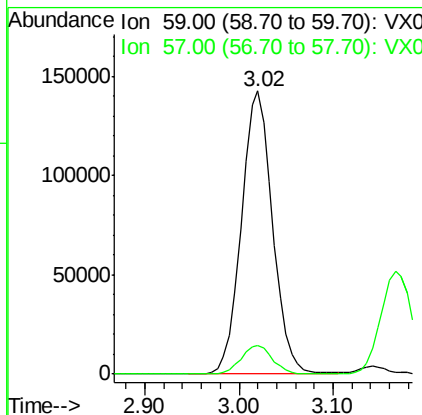
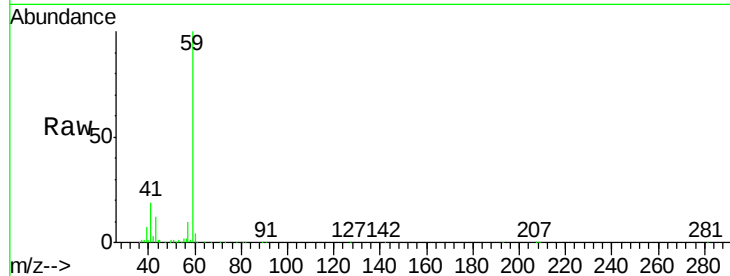
Tert butyl alcohol
Concen: 317.799 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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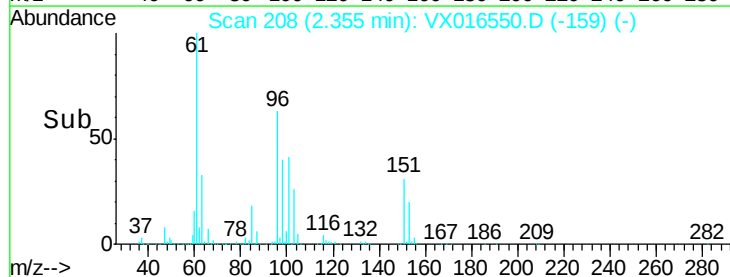
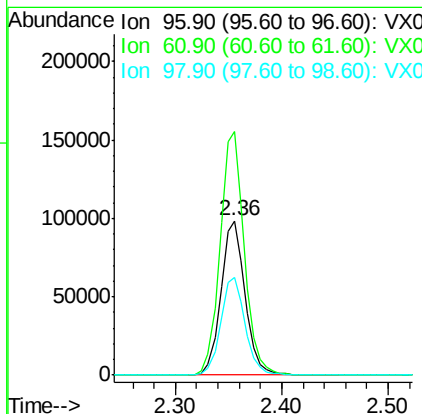
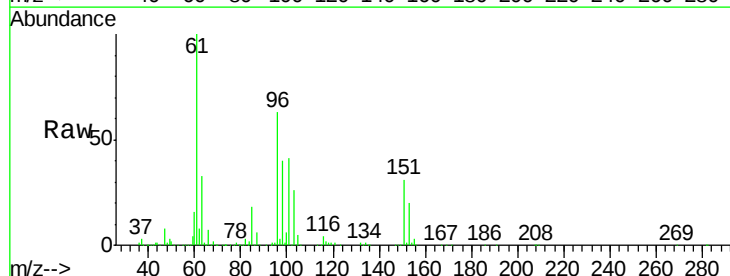
MMDadoda
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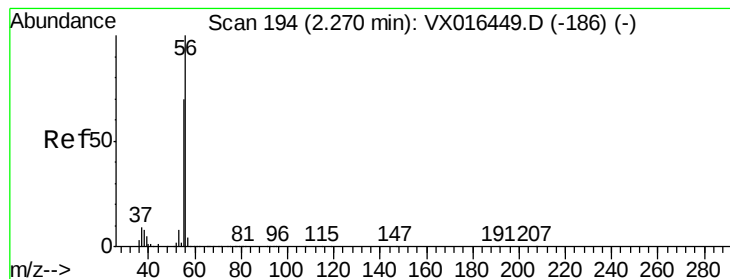


#12

1,1-Dichloroethene
Concen: 49.284 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	126.6	189.8
98	63.8	51.3	76.9





#13

Acrolein

Concen: 341.462 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 56 Resp: 150783

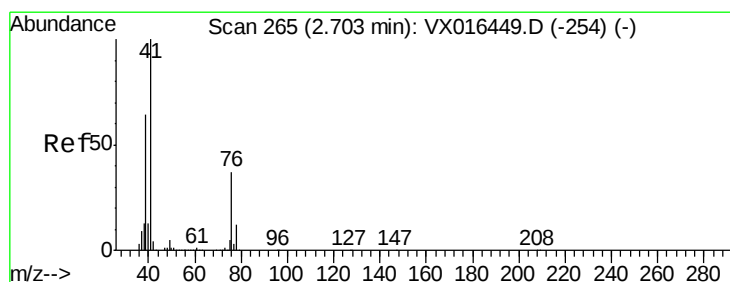
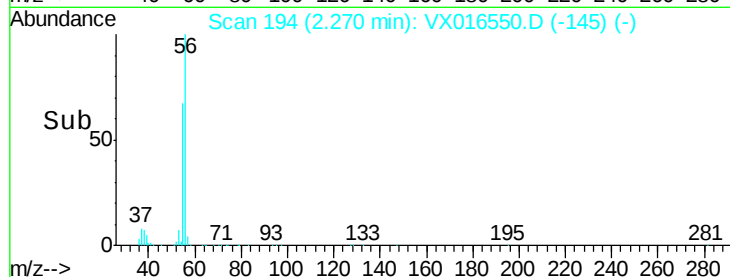
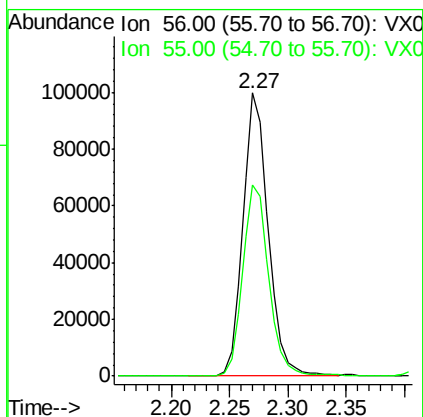
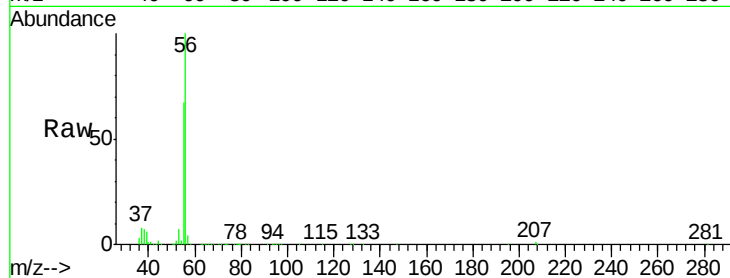
Ion Ratio Lower Upper

56 100

55 69.5 58.3 87.5

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#14

Allyl chloride

Concen: 51.335 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

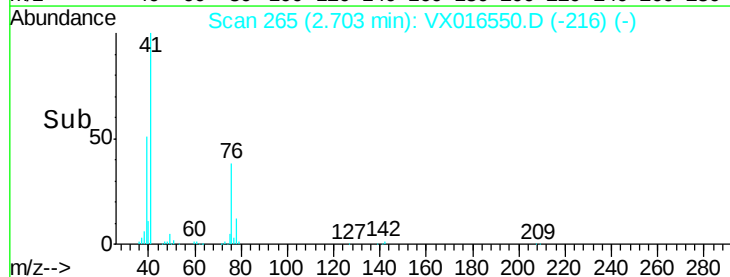
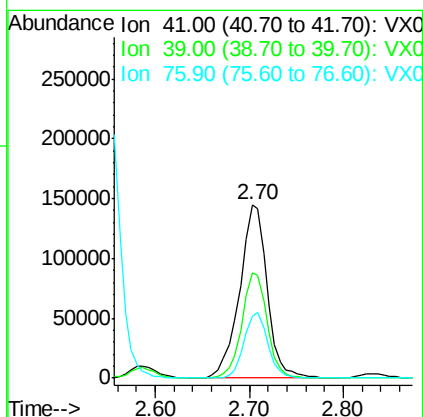
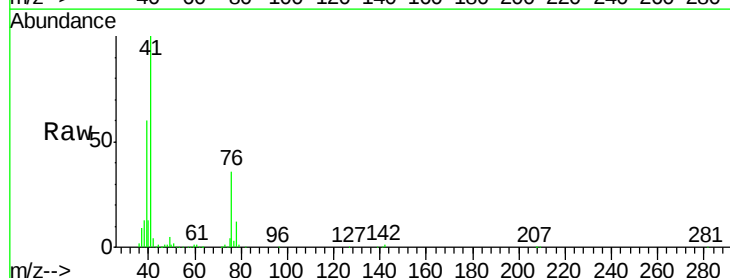
Tgt Ion: 41 Resp: 296117

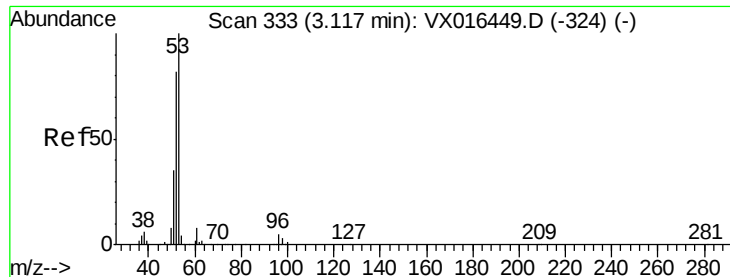
Ion Ratio Lower Upper

41 100

39 55.5 47.7 71.5

76 33.1 26.6 40.0





#15

Acrylonitrile

Concen: 277.074 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

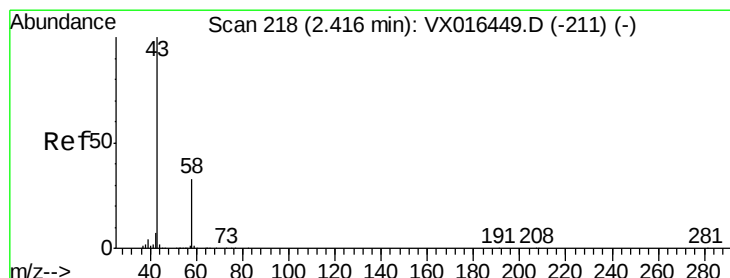
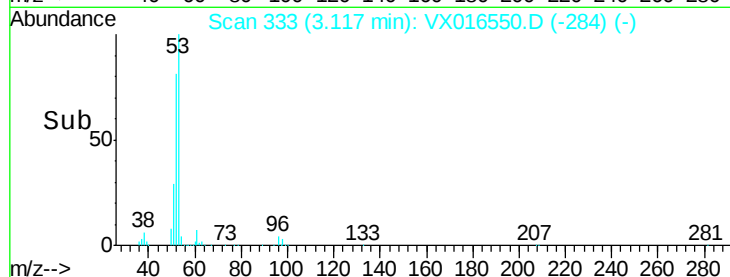
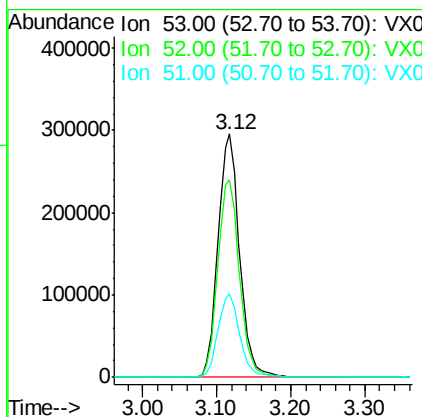
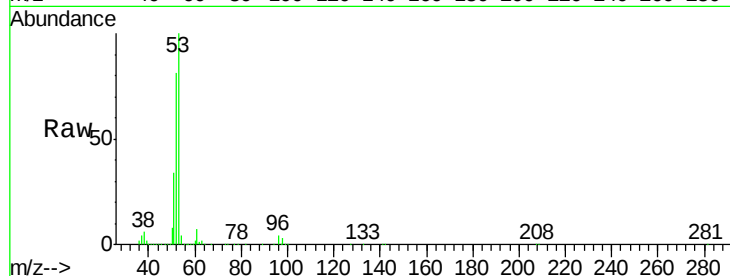
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	53	Resp:	589175
Ion Ratio	Lower	Upper	
53	100		
52	81.9	66.7	100.1
51	34.7	28.6	43.0

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#16

Acetone

Concen: 1119.697 ug/l

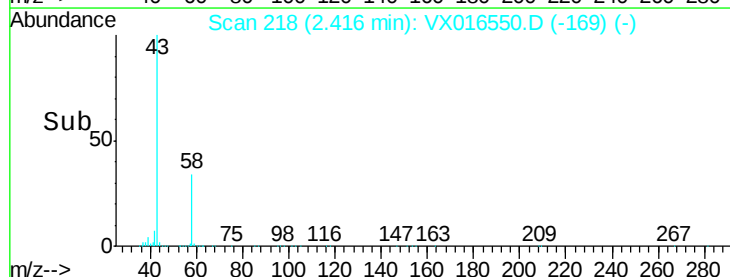
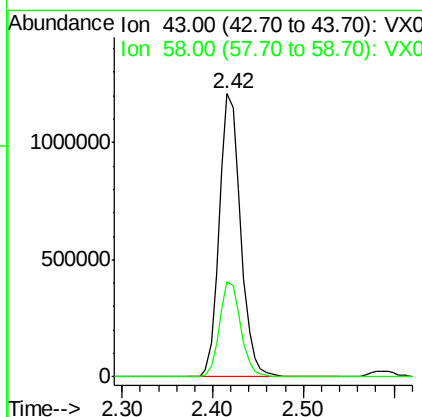
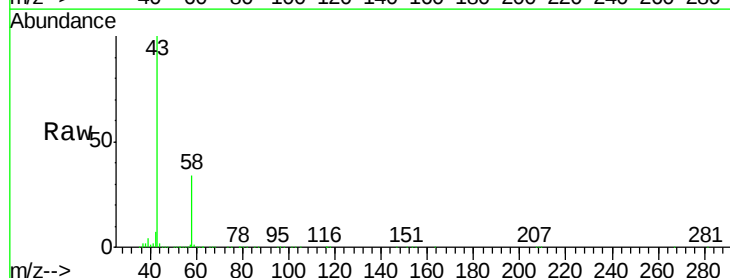
RT: 2.42 min Scan# 218

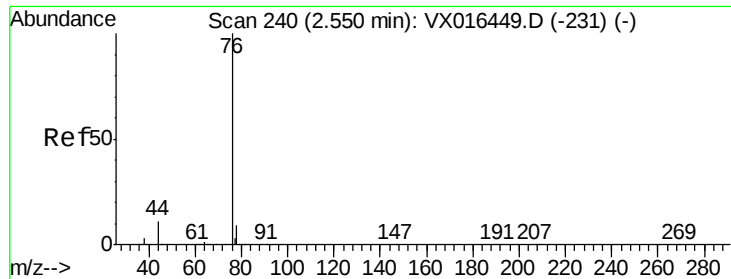
Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	43	Resp:	1985874
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.1	39.1





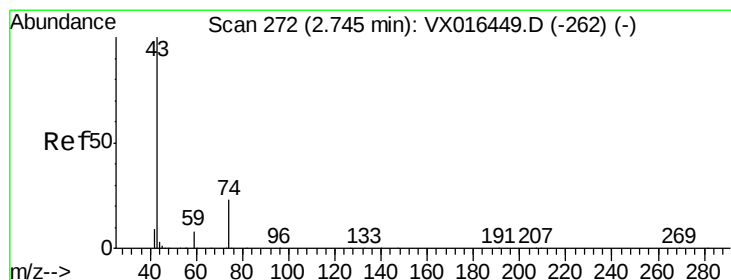
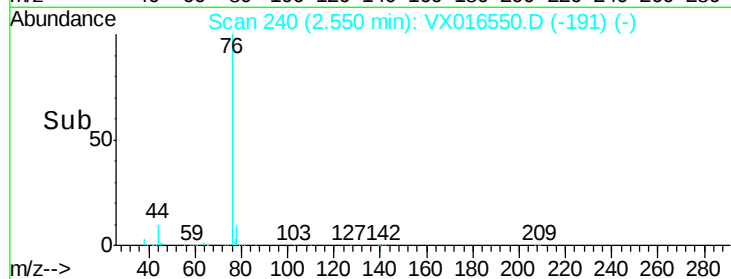
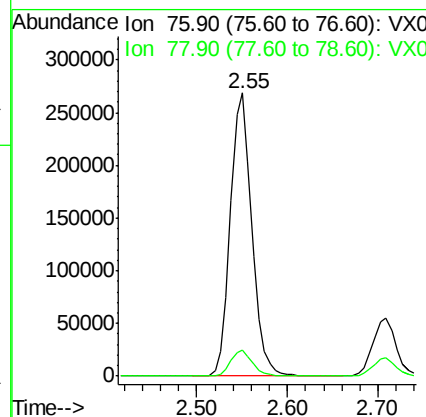
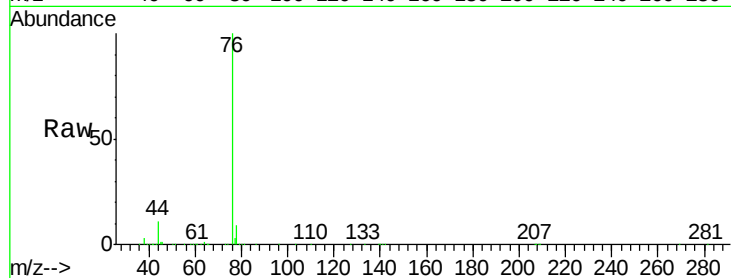
#17
Carbon Disulfide
Concen: 47.441 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

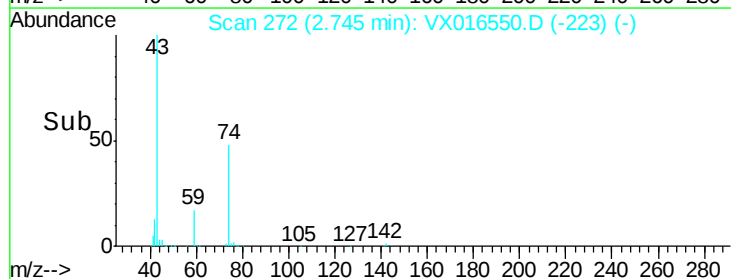
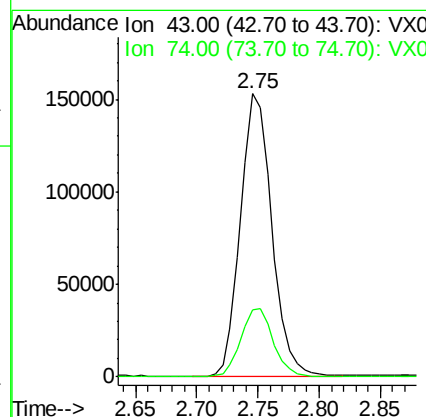
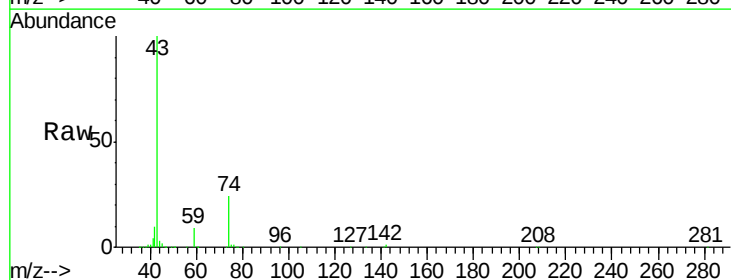
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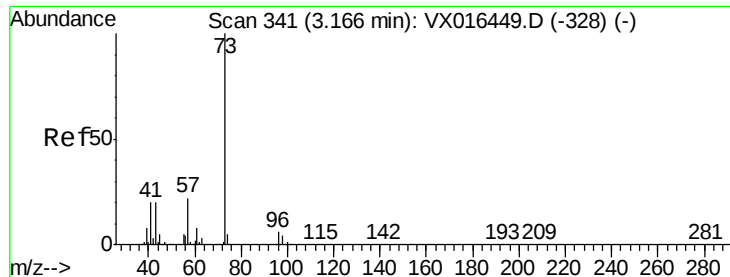
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#18
Methyl Acetate
Concen: 59.535 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	19.7	29.5





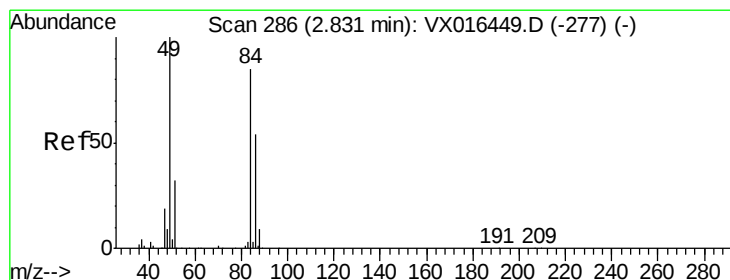
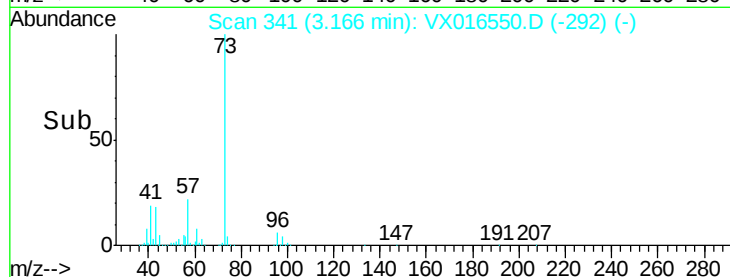
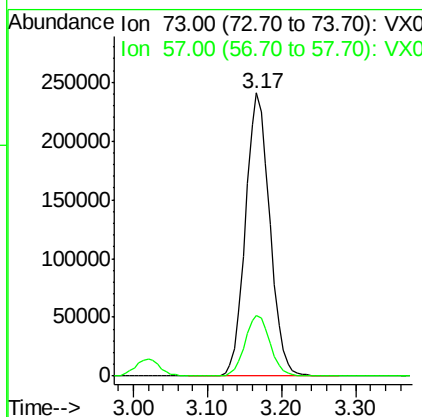
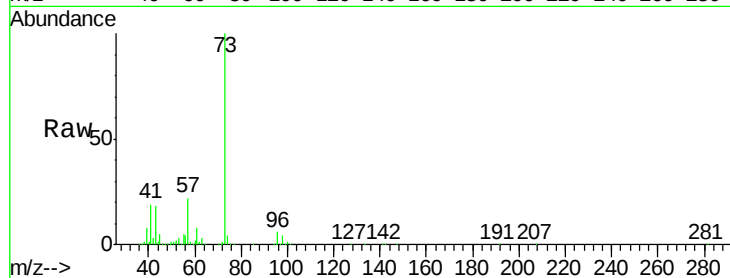
#19
Methvl tert-butvl Ether
Concen: 49.065 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

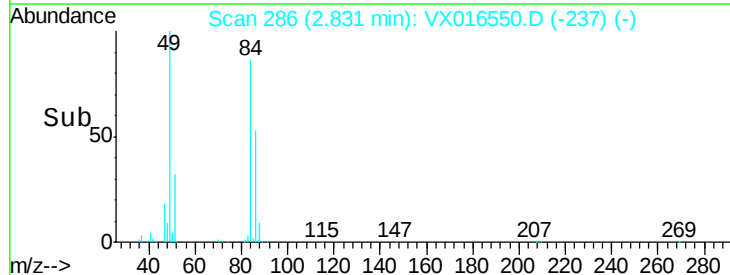
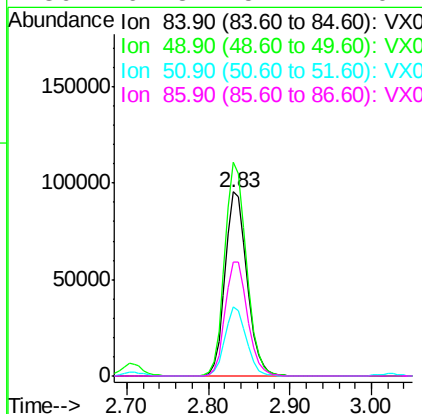
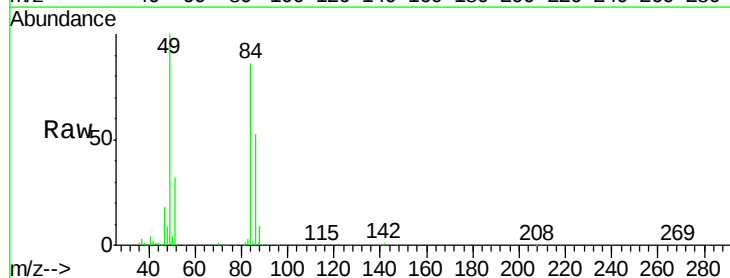
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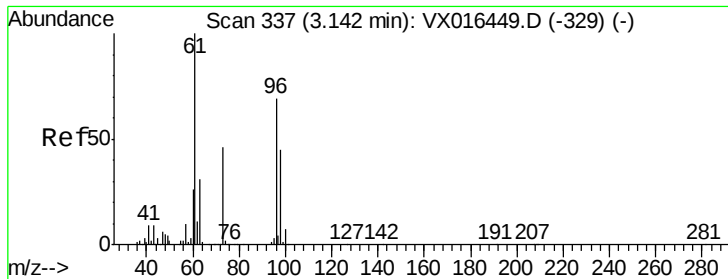
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#20
Methylene Chloride
Concen: 48.225 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	94.5	141.7
51	37.3	30.2	45.4
86	61.8	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.240 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

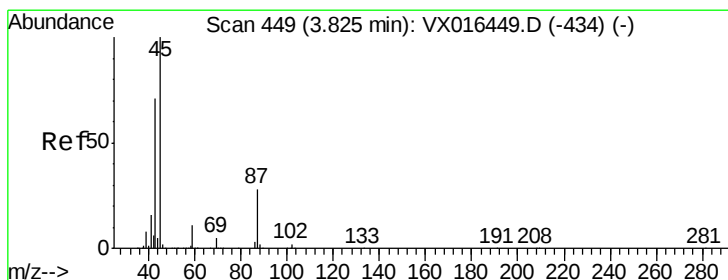
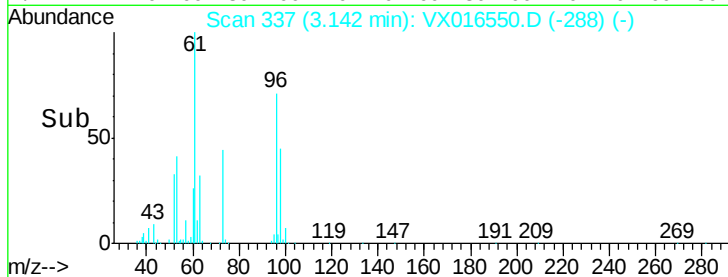
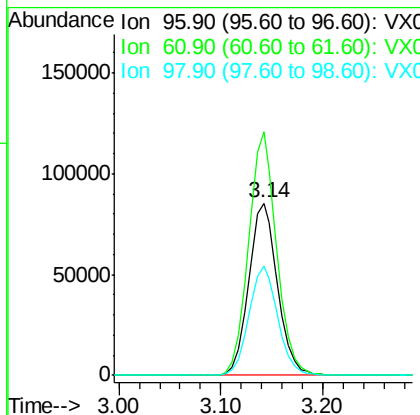
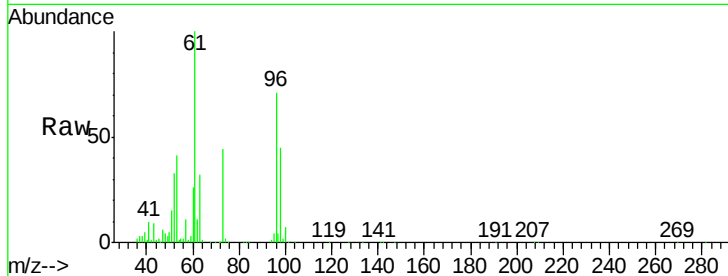
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	96	Resp:	167363
Ion	Ratio	Lower	Upper
96	100		
61	141.3	115.3	172.9
98	63.5	51.9	77.9

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#22

Diisopropyl ether

Concen: 48.476 ug/l

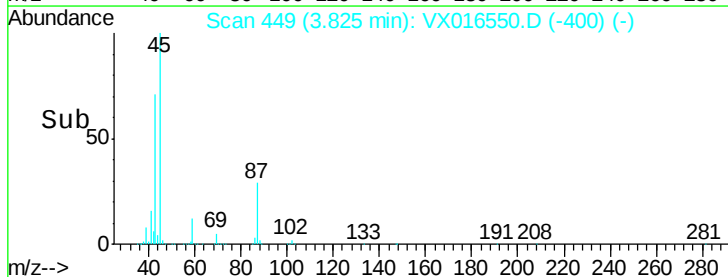
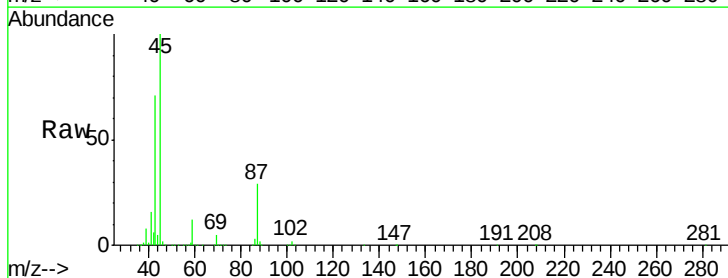
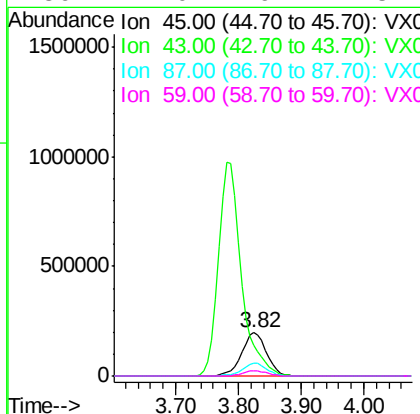
RT: 3.82 min Scan# 449

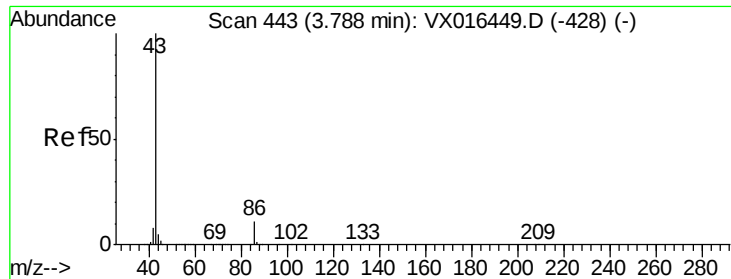
Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	45	Resp:	537165
Ion	Ratio	Lower	Upper
45	100		
43	71.3	57.0	85.6
87	29.0	22.5	33.7
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 255.390 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 43 Resp: 2477102

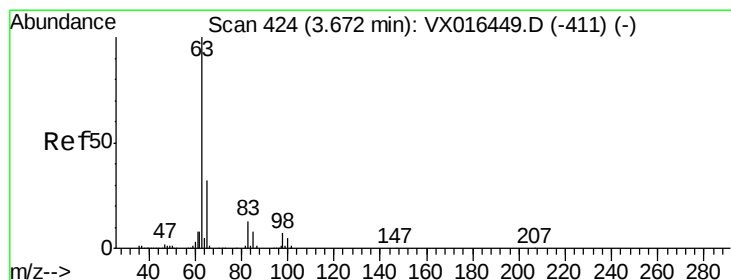
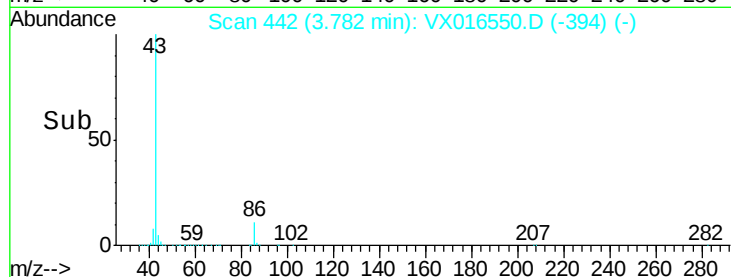
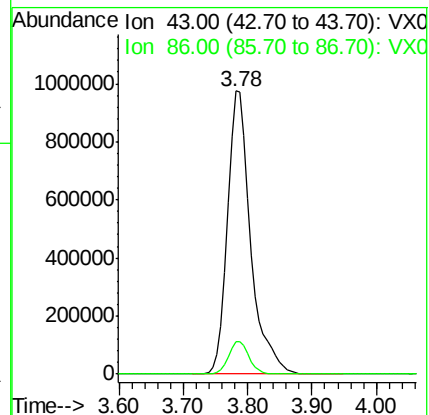
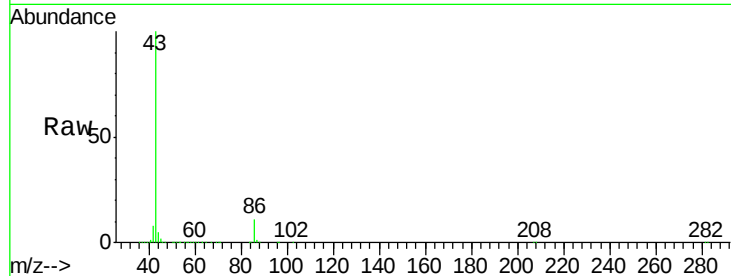
Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.739 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

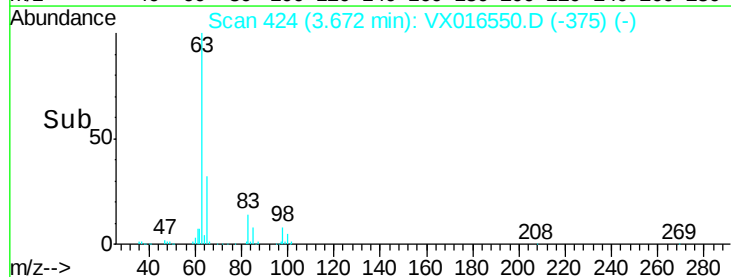
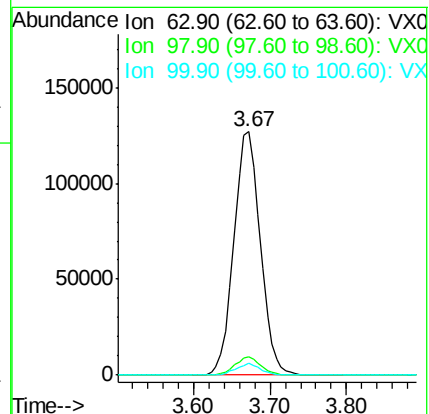
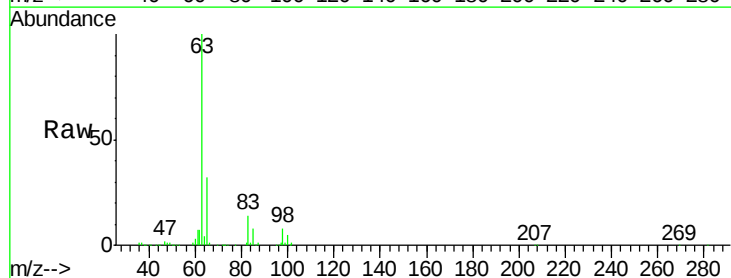
Tgt Ion: 63 Resp: 304831

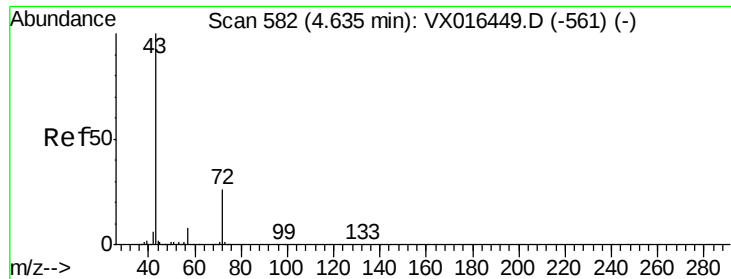
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 1218.729 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 43 Resp: 3662602

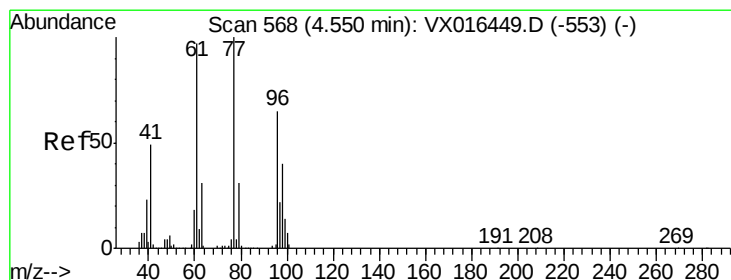
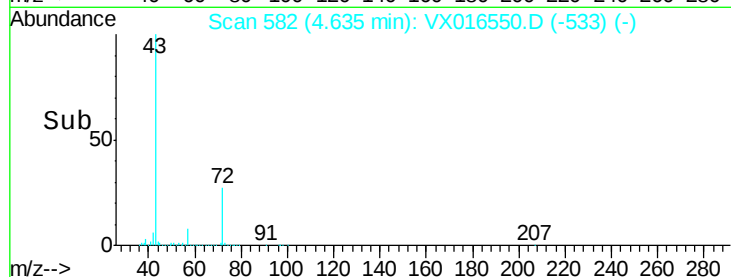
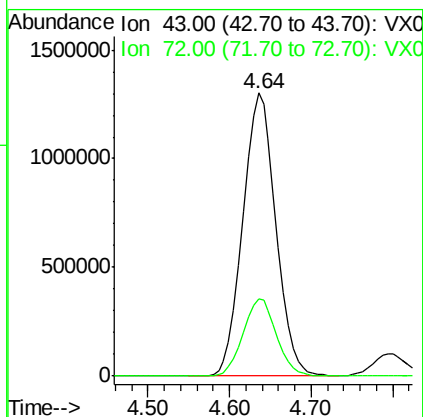
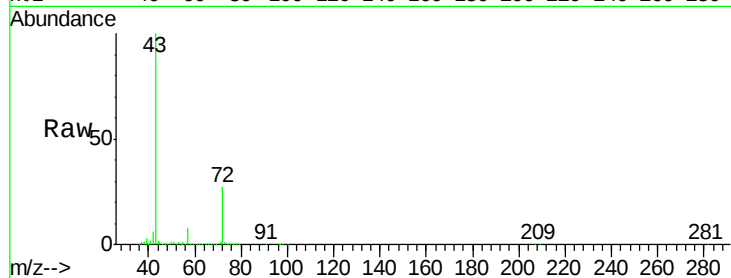
Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 52.119 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016550.D

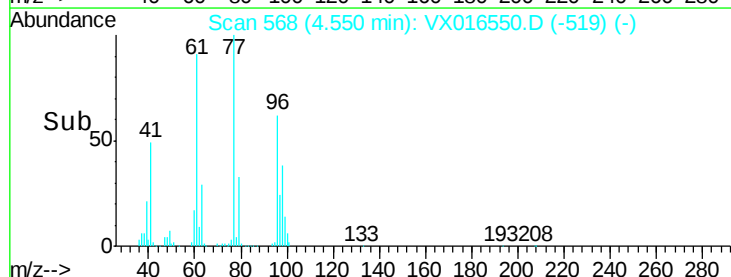
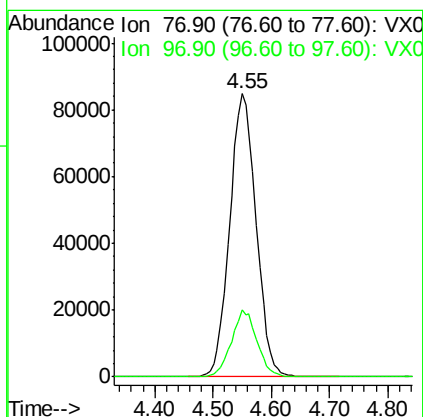
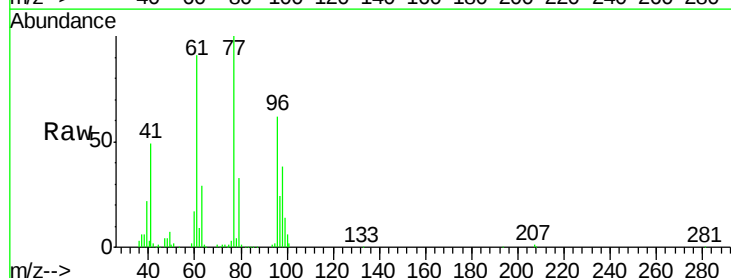
Acq: 02 Jun 2020 12:41

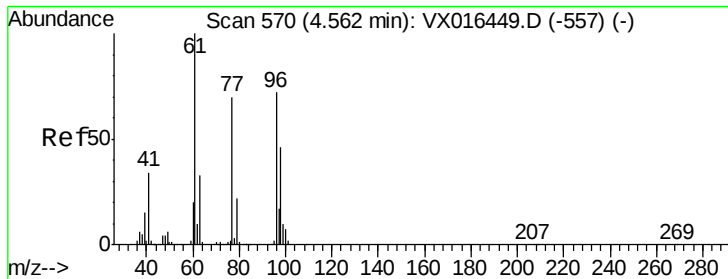
Tgt Ion: 77 Resp: 266732

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

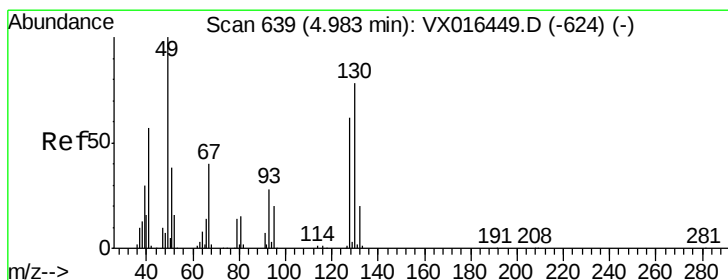
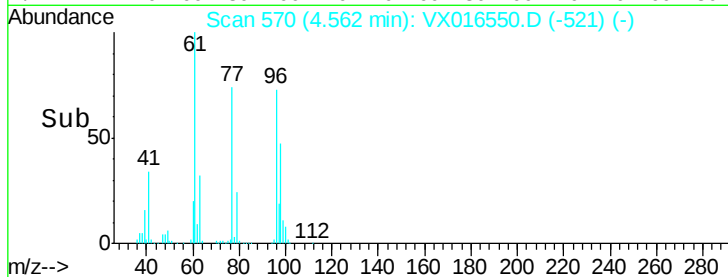
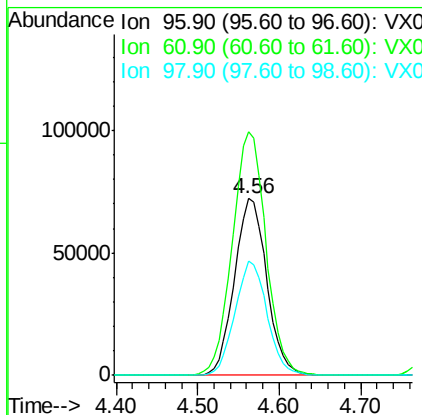
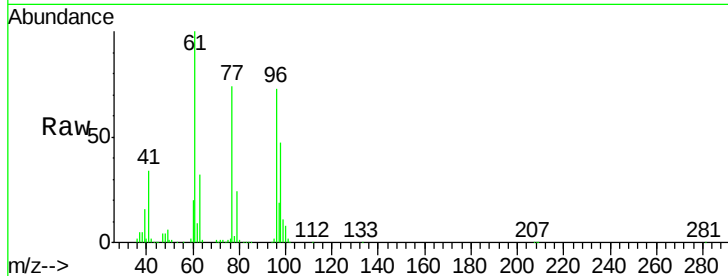
cis-1,2-Dichloroethene
Concen: 49.548 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	198867		
61	143.0	0.0	284.6	
98	64.0	0.0	127.2	

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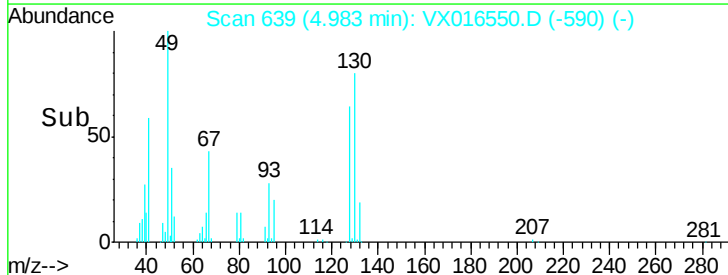
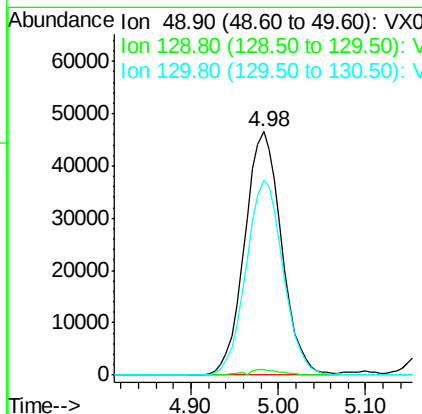
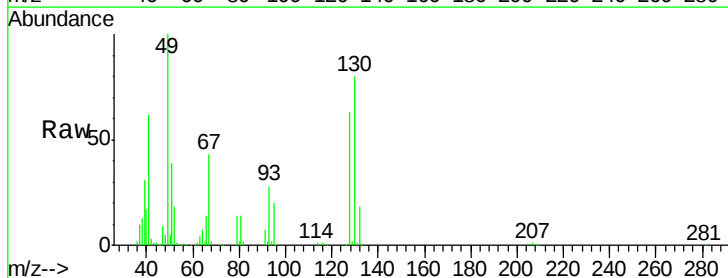
MMDadoda
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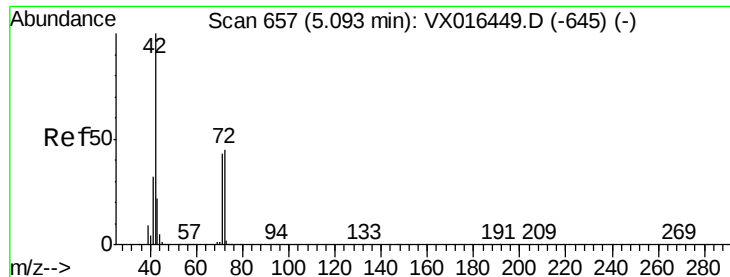


#28

Bromochloromethane
Concen: 47.102 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136897		
129	2.1	0.0	4.0	
130	80.3	63.0	94.4	





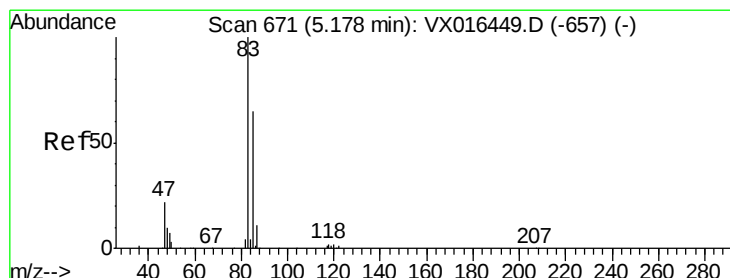
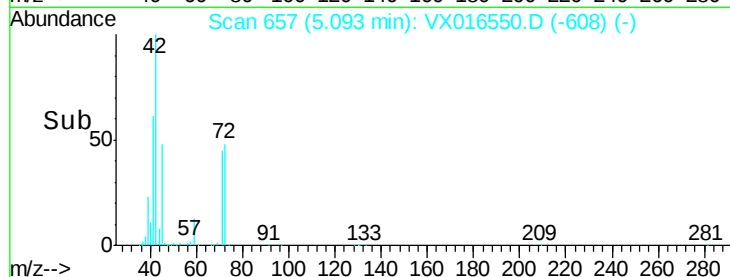
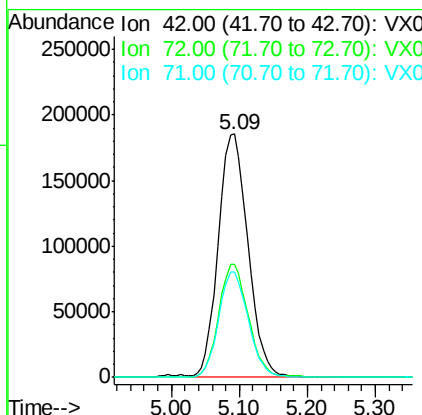
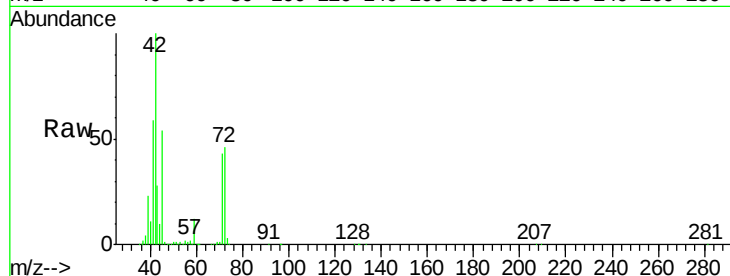
#29
Tetrahydrofuran
Concen: 289.942 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.0	55.4
71	43.1	34.1	51.1

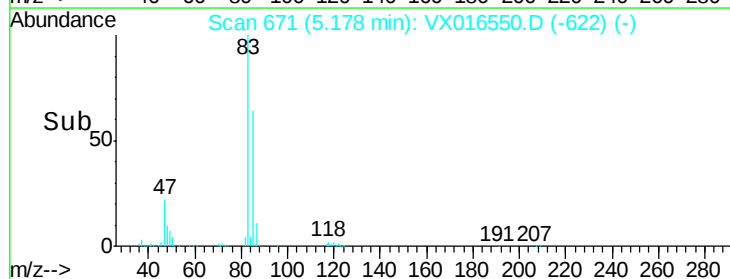
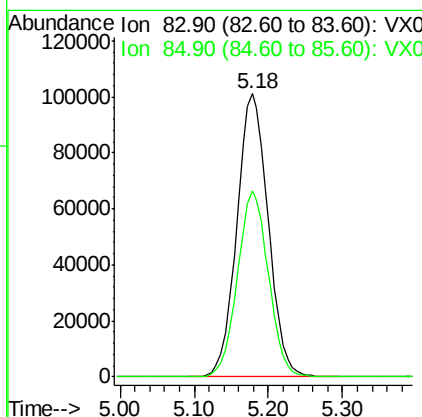
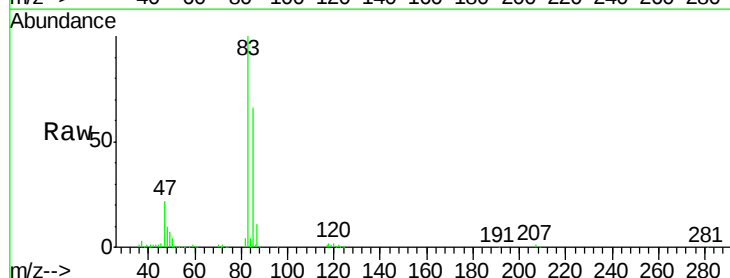
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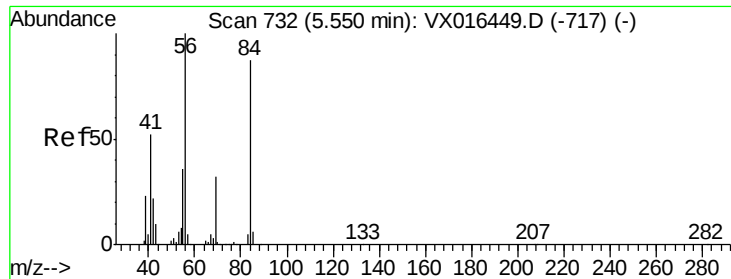
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#30
Chloroform
Concen: 47.312 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





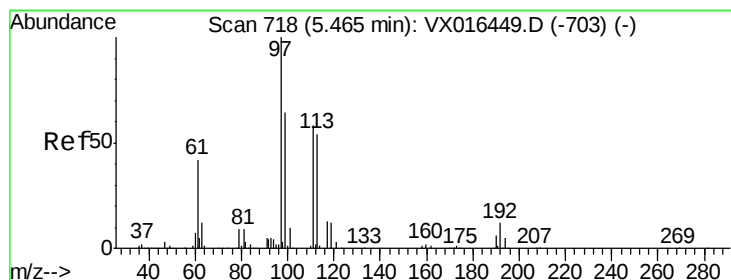
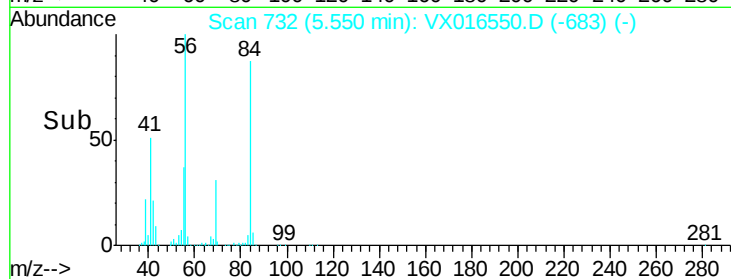
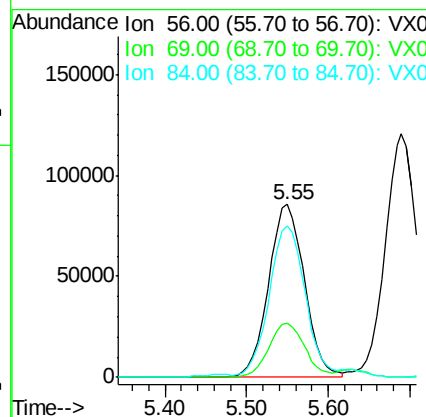
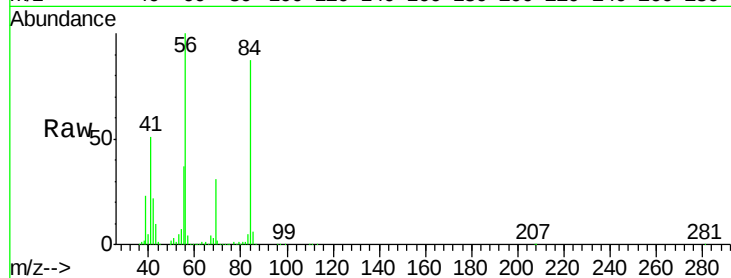
#31
Cyclohexane
Concen: 46.651 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.7	38.5
84	86.7	70.0	105.0

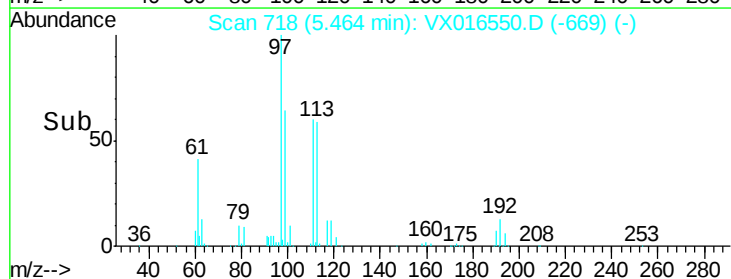
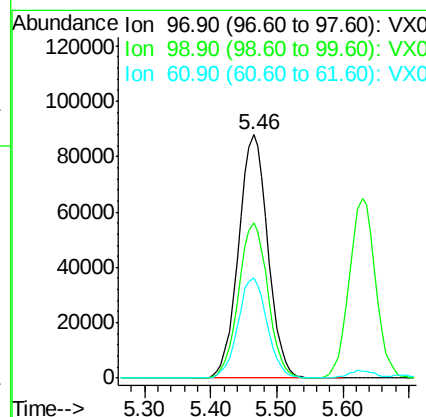
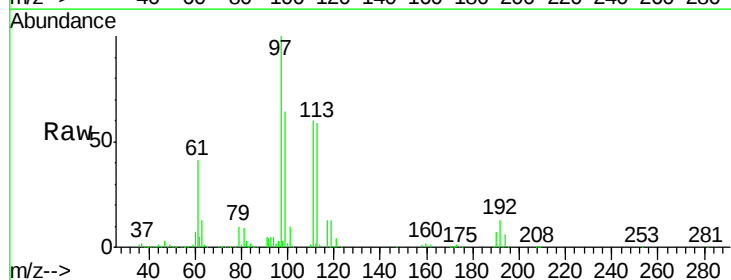
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#32
1,1,1-Trichloroethane
Concen: 47.230 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	41.1	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 46.040 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 65 Resp: 186375

Ion Ratio Lower Upper

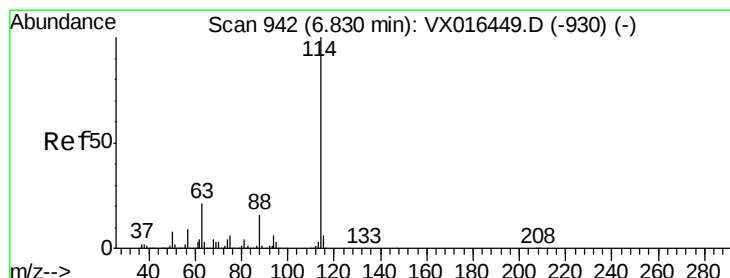
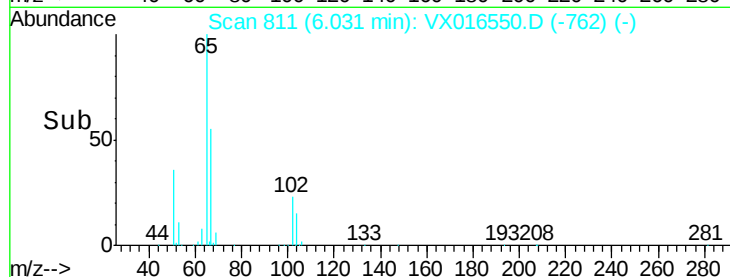
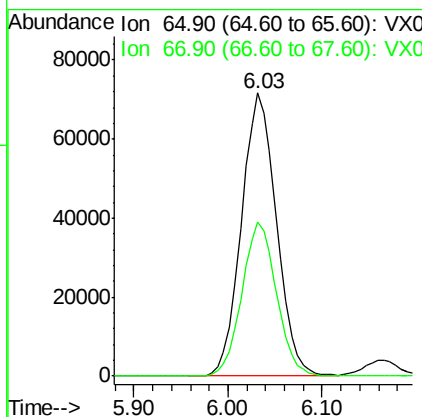
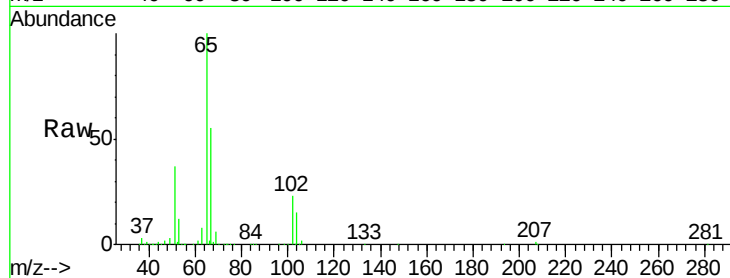
65 100

67 53.8 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

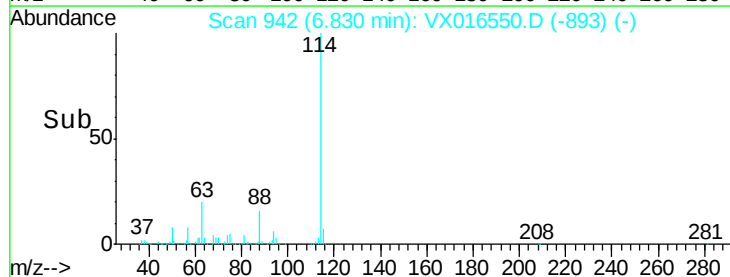
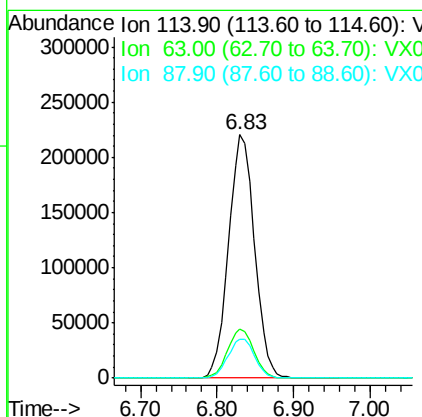
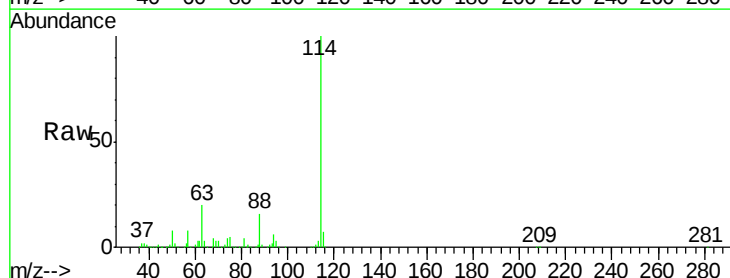
Tgt Ion: 114 Resp: 518277

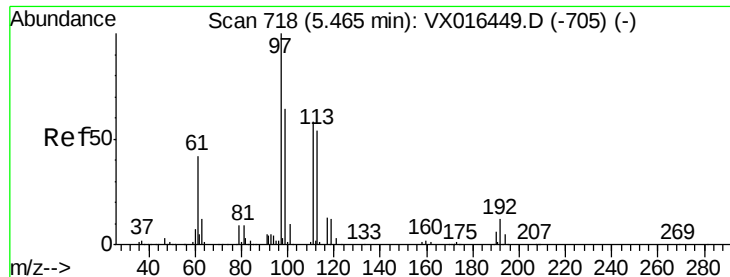
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.0 0.0 32.8





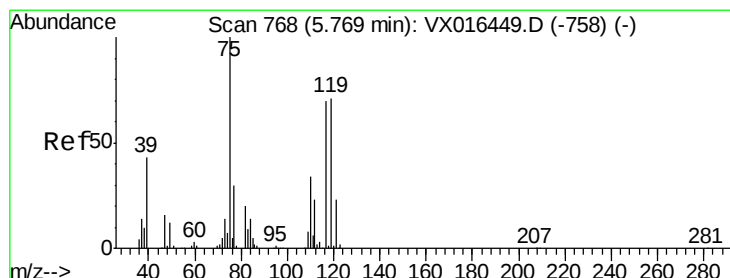
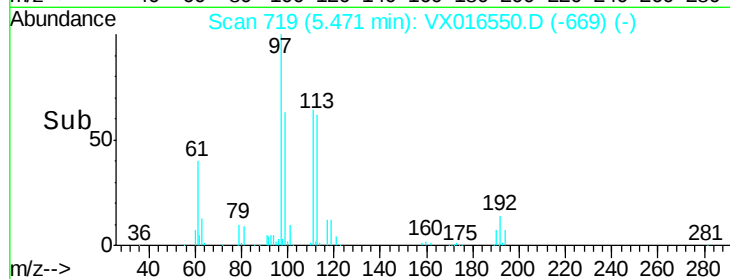
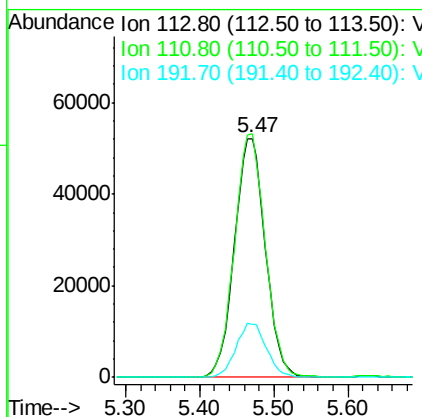
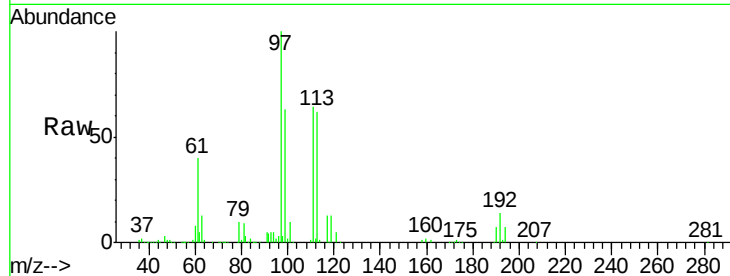
#35
Dibromofluoromethane
Concen: 47.628 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151994		
111	101.3	83.0	124.6	
192	22.1	17.7	26.5	

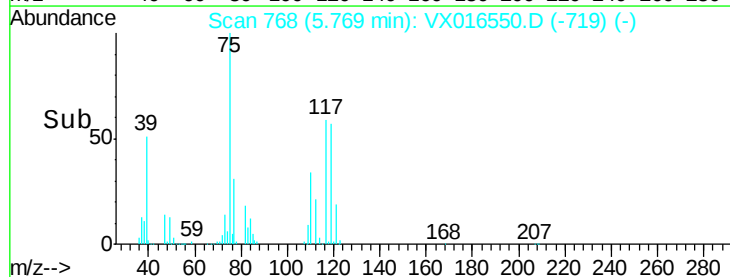
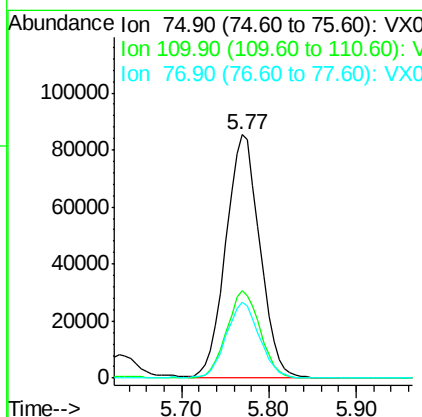
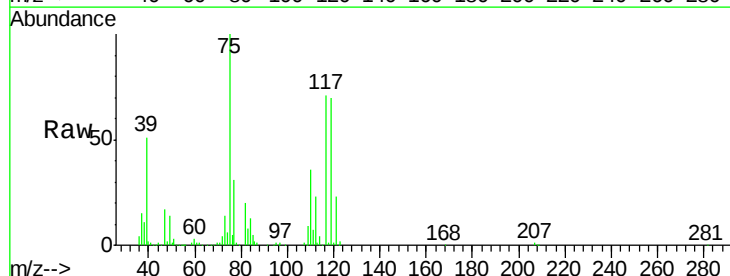
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#36
1,1-Dichloropropene
Concen: 46.924 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	230262		
110	35.3	17.4	52.3	
77	30.9	24.2	36.4	





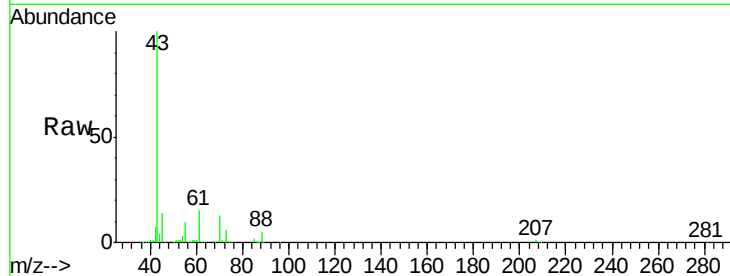
#37
Ethyl Acetate
Concen: 51.611 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

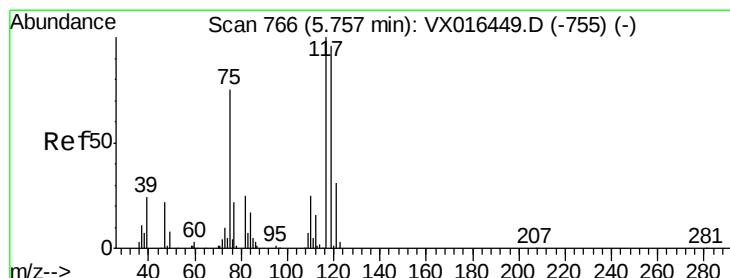
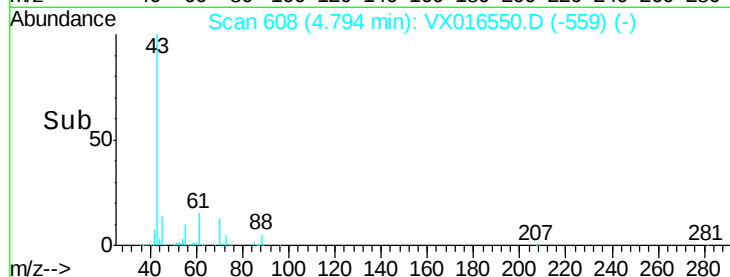
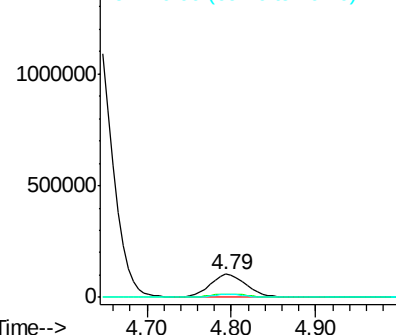
Tot Ion	43	Resp	304058
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	11.9	9.3	13.9

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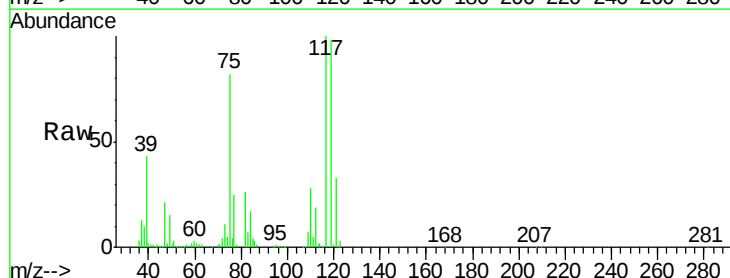


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

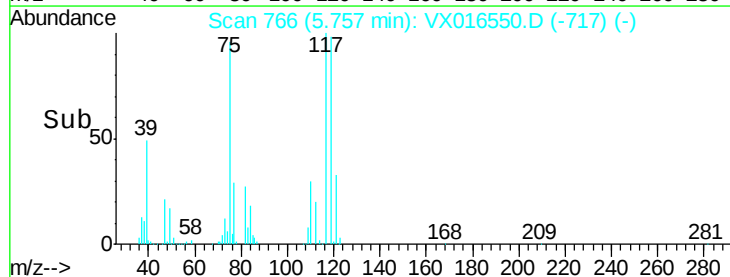
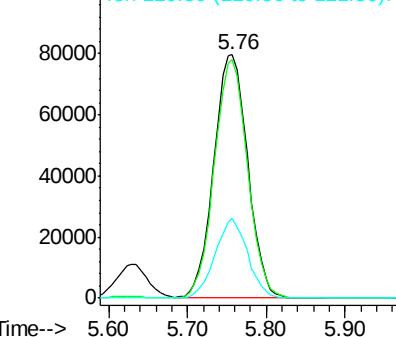


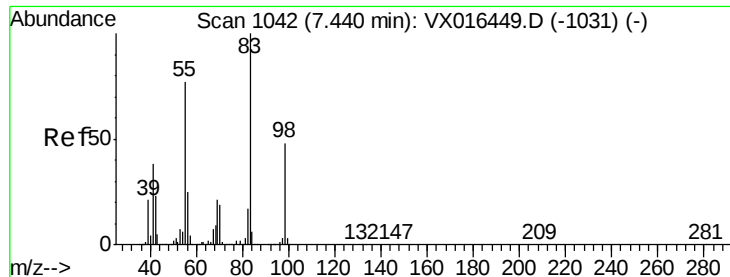
#38
Carbon Tetrachloride
Concen: 46.230 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	117	Resp	238401
Ion Ratio	Lower	Upper	
117	100		
119	98.0	76.3	114.5
121	32.5	24.6	37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





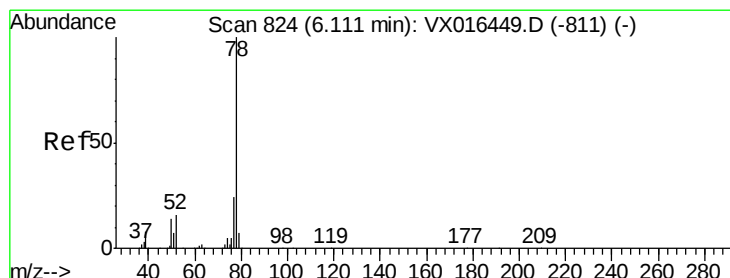
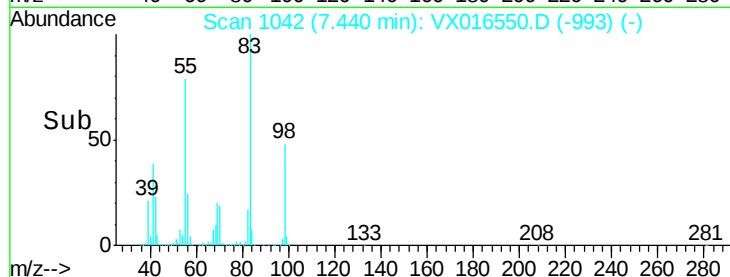
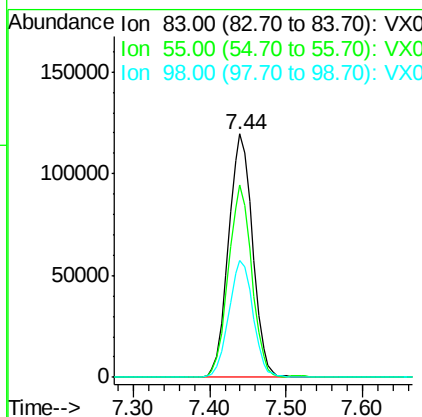
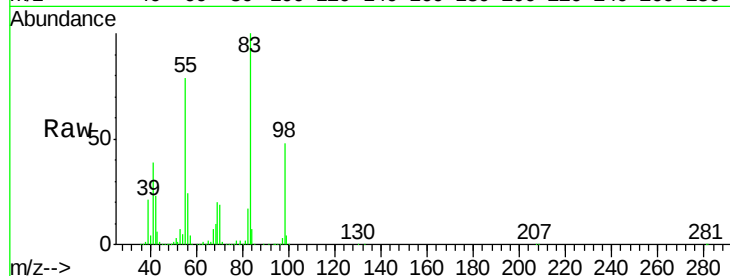
#39
Methvlcvclohexane
Concen: 48.762 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	61.7	92.5
98	48.2	38.7	58.1

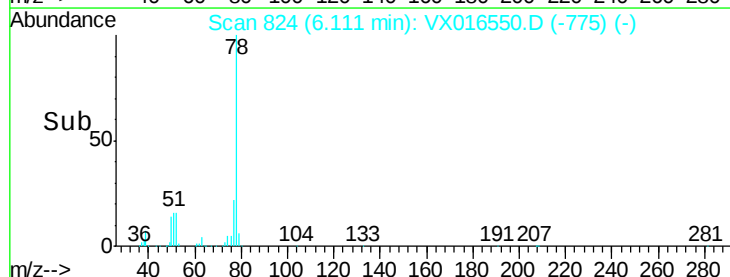
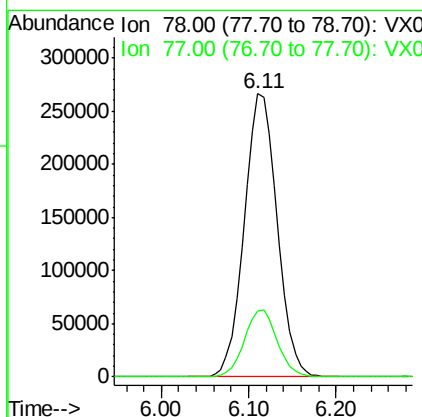
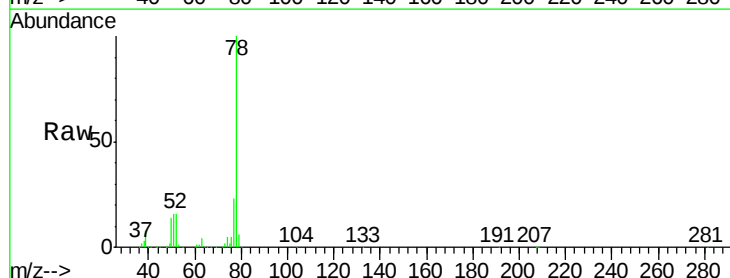
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#40
Benzene
Concen: 47.526 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





#41

Methacrylonitrile

Concen: 50.278 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

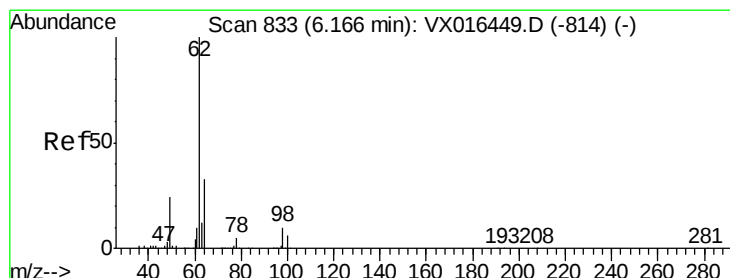
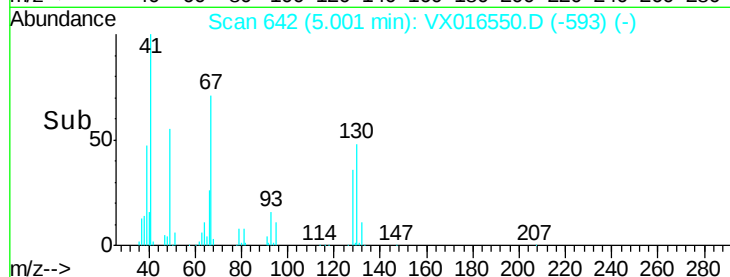
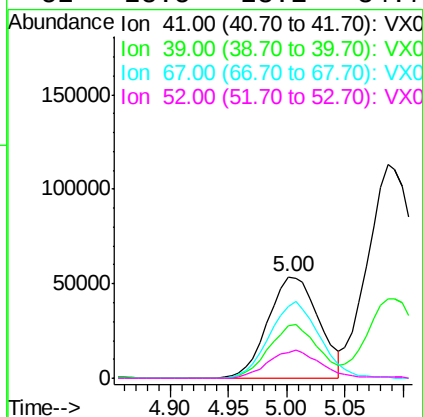
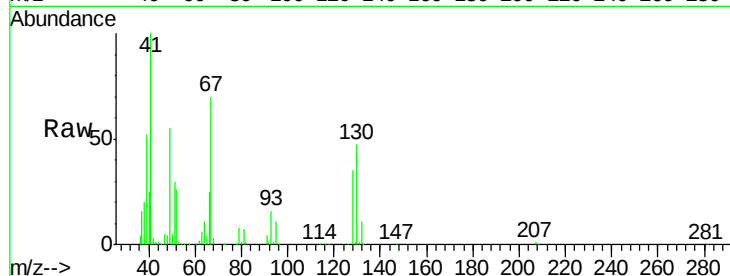
ClientSampleId :

SS050MW641-200528MSD

Tot Ion	Ion	Ratio	Lower	Upper
162703	41	100		
	39	50.4	43.0	64.4
	67	74.9	58.9	88.3
	52	28.5	23.1	34.7

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#42

1,2-Dichloroethane

Concen: 45.833 ug/l

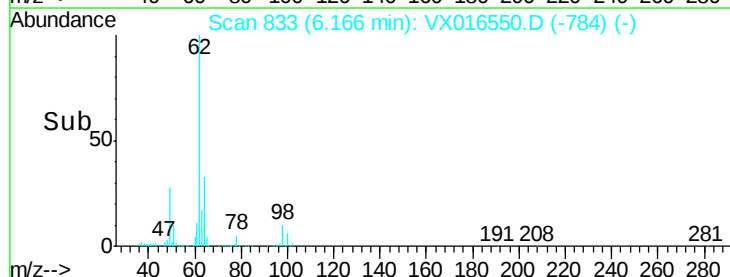
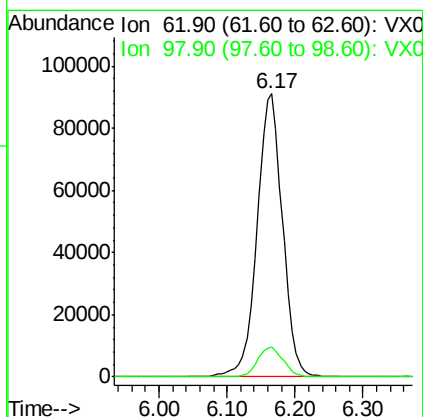
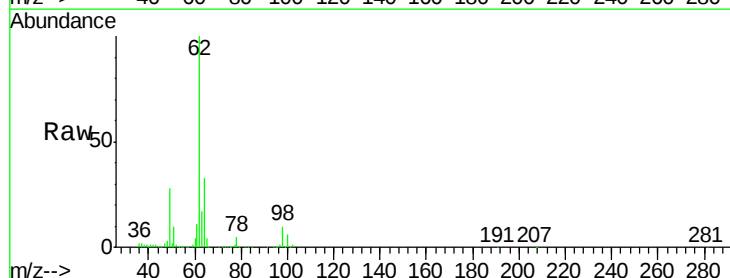
RT: 6.17 min Scan# 833

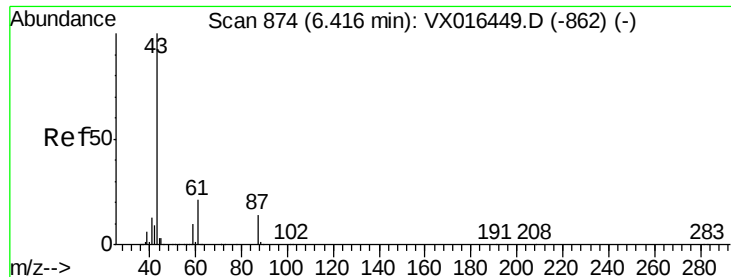
Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
238186	62	100		
	98	10.5	0.0	19.8





#43

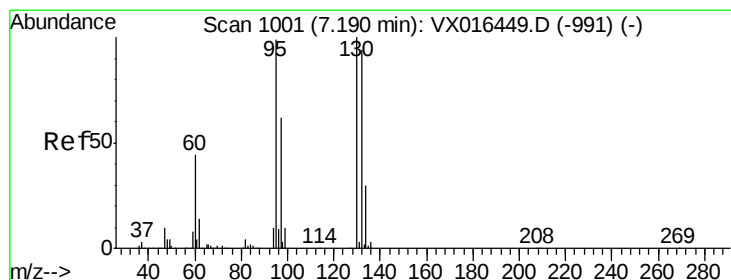
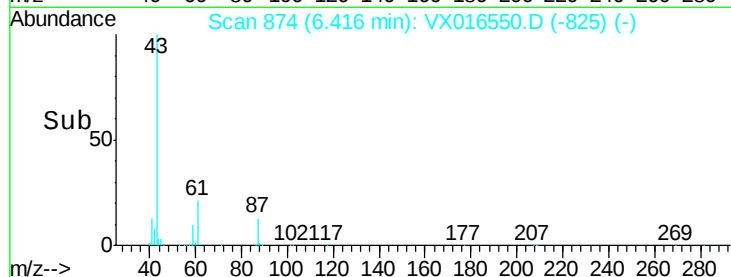
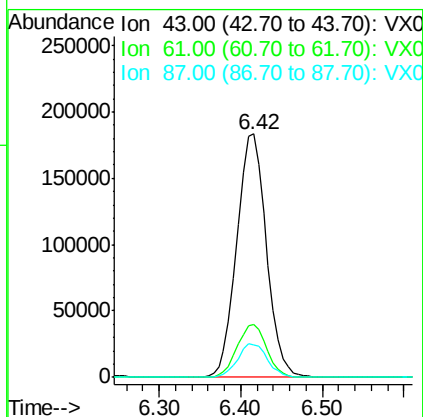
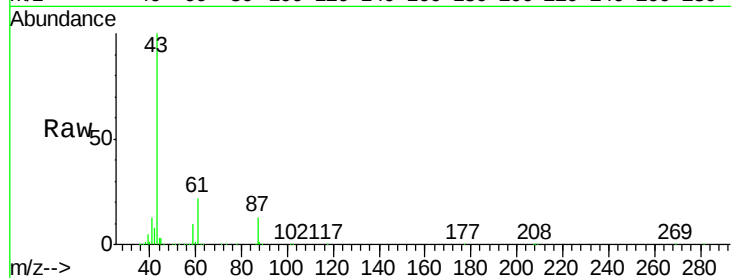
Isopropyl Acetate
 Concen: 49.973 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	14.0	11.2	16.8

Manual Integrations
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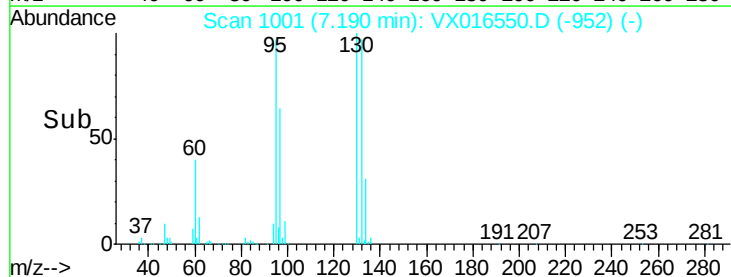
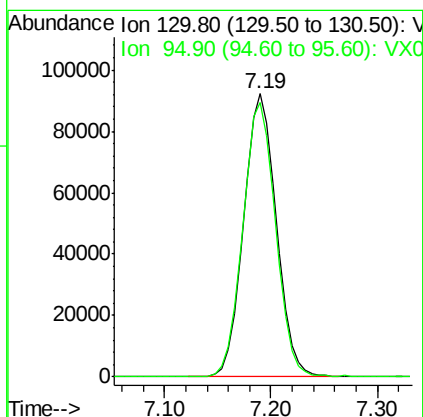
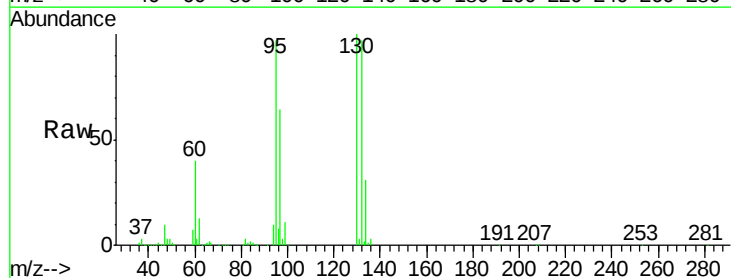
MMDadoda
 6/3/2020 9:51:46 AM

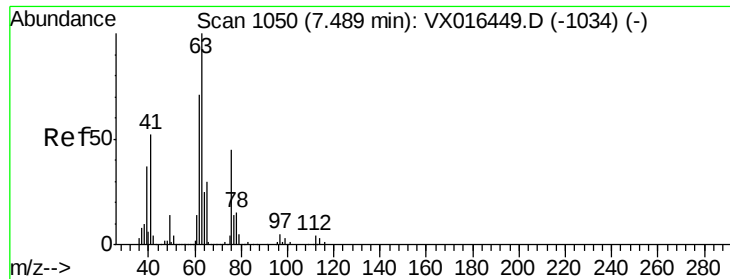


#44

Trichloroethene
 Concen: 42.871 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	198.2





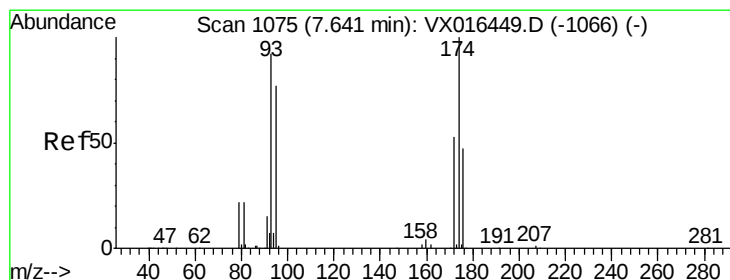
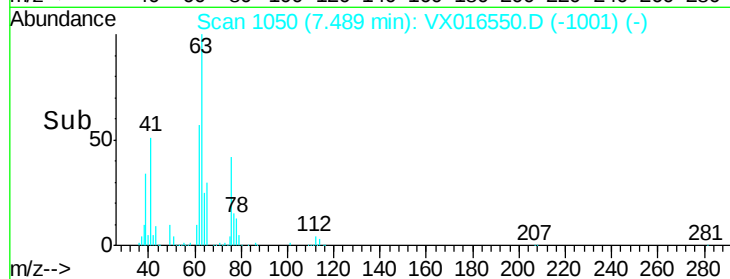
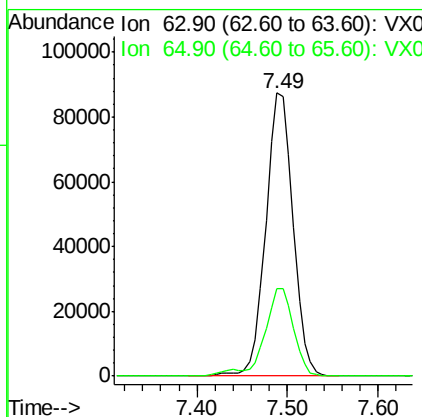
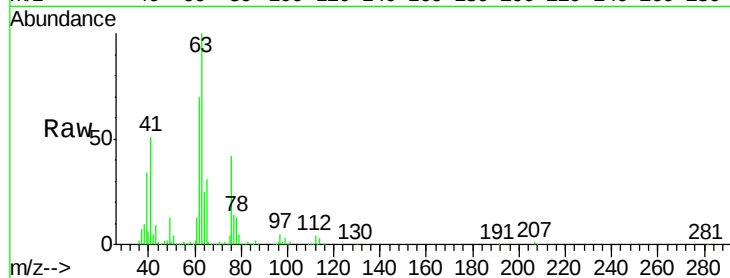
#45
 1,2-Dichloropropane
 Concen: 49.038 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.2	36.2

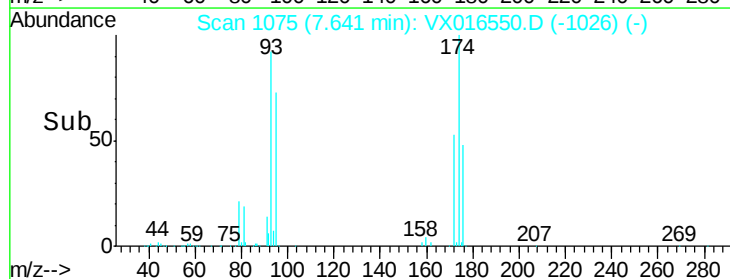
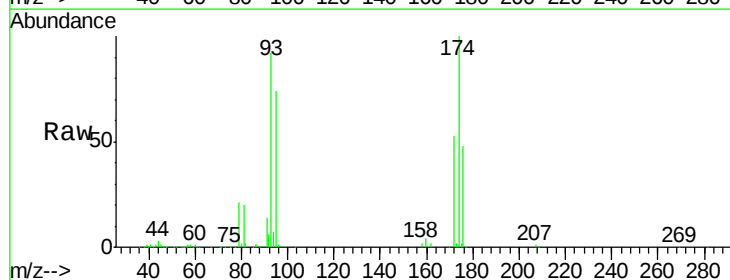
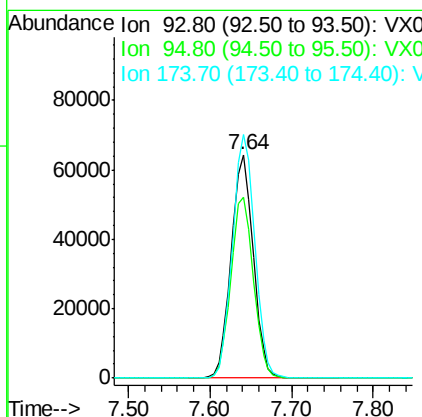
Manual Integrations
 APPROVED

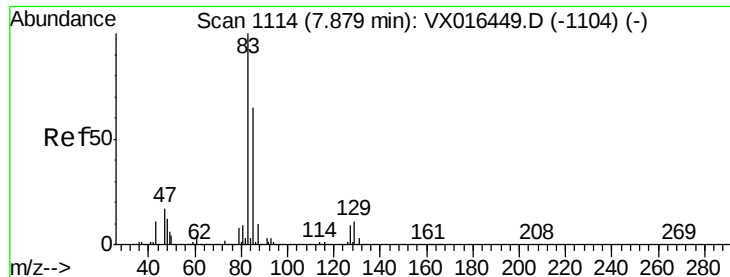
MMDadoda
 6/3/2020 9:51:46 AM



#46
 Dibromomethane
 Concen: 48.143 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.6	100.0
174	109.8	86.2	129.4





#47

Bromodichloromethane

Concen: 48.127 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

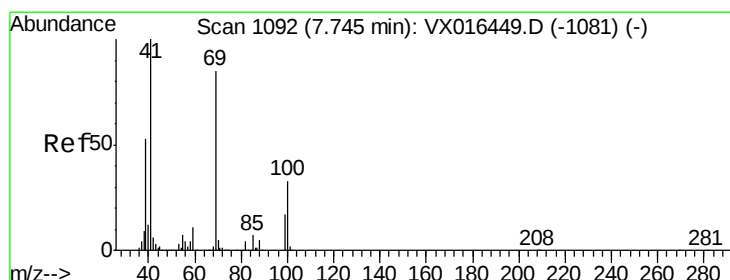
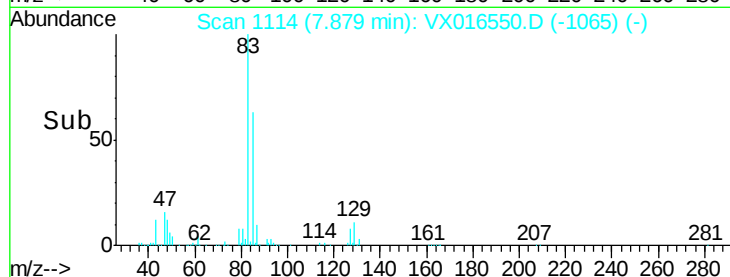
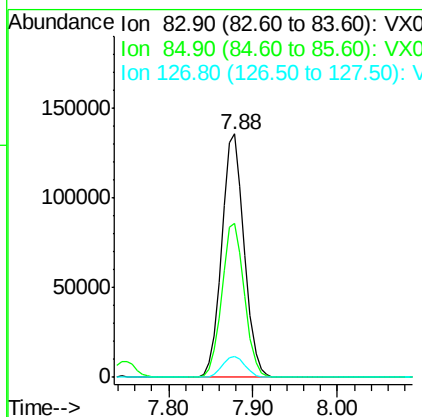
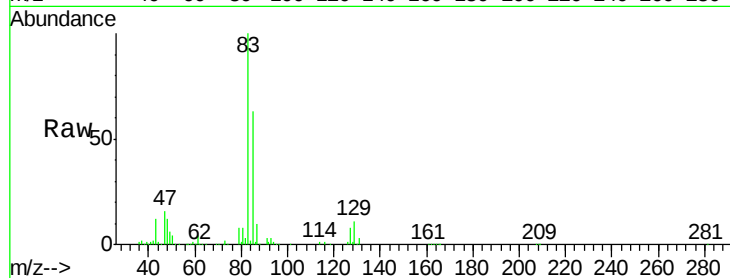
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	83	Resp:	249002
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.0	78.0
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.392 ug/l

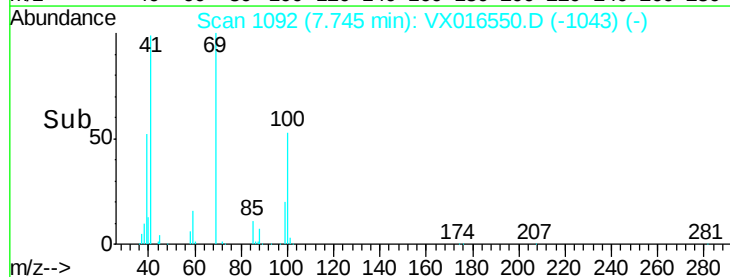
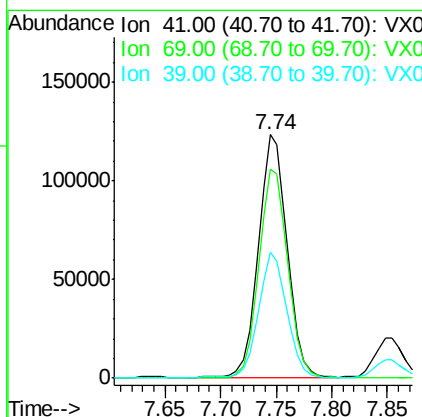
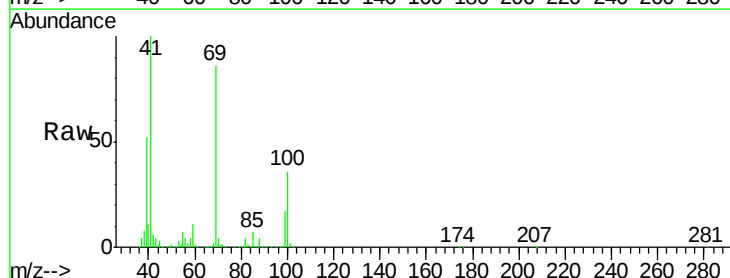
RT: 7.74 min Scan# 1092

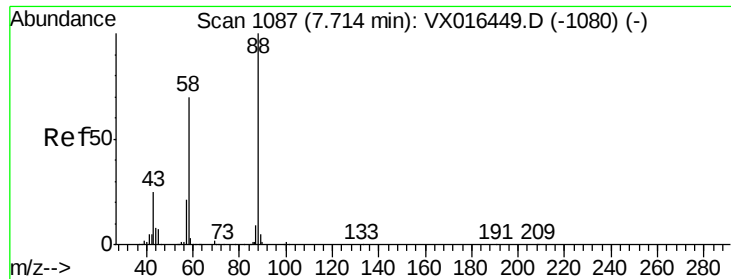
Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	41	Resp:	221724
Ion Ratio	Lower	Upper	
41	100		
69	87.0	68.6	102.8
39	50.9	42.4	63.6





#49

1,4-Dioxane

Concen: 1088.971 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

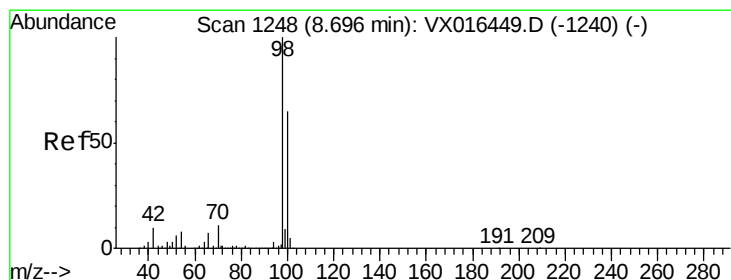
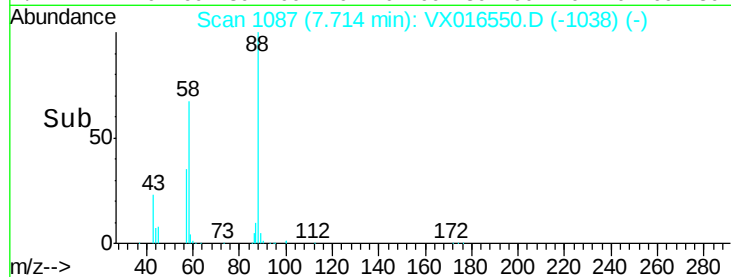
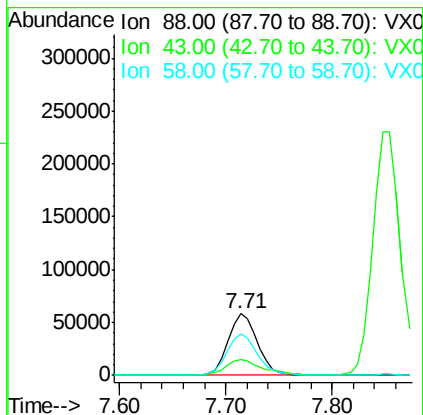
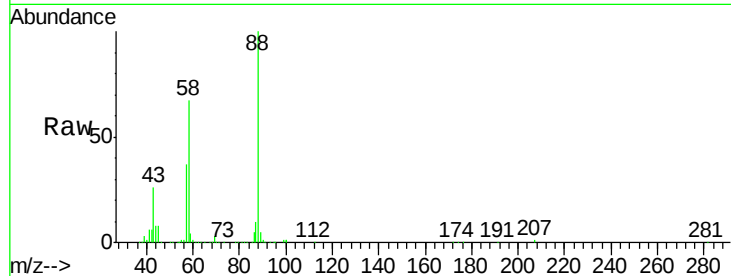
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	88	Resp:	112131
Ion Ratio	Lower	Upper	
88	100		
43	29.6	24.2	36.4
58	70.5	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 47.938 ug/l

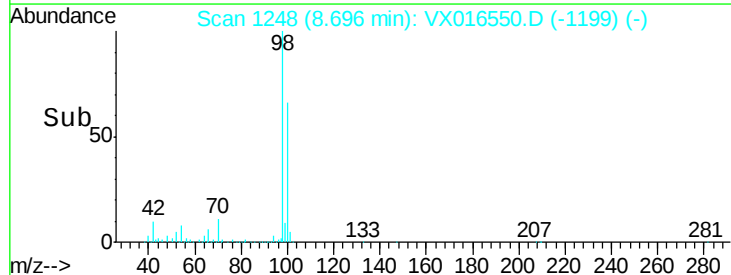
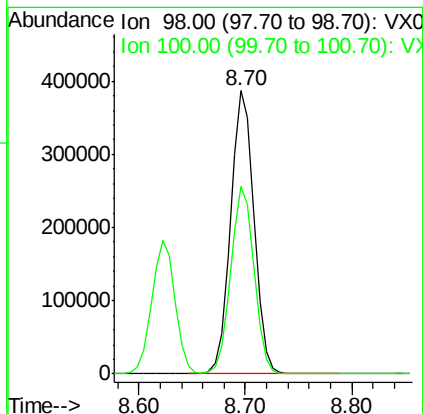
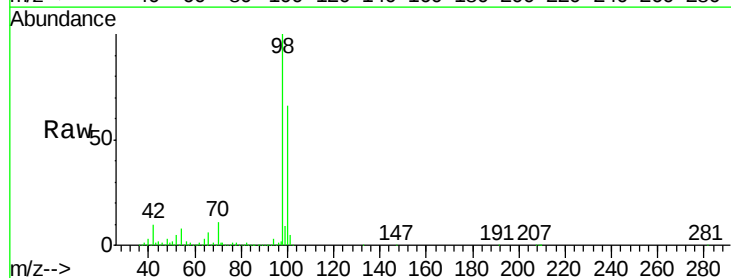
RT: 8.70 min Scan# 1248

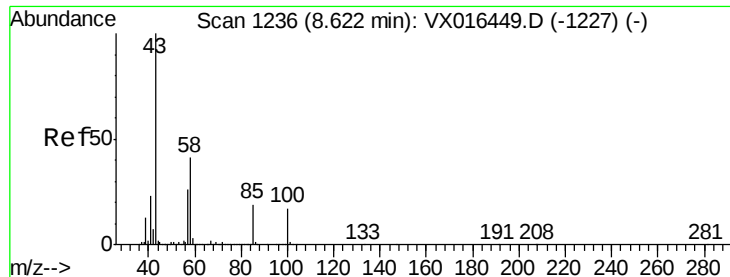
Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	98	Resp:	595440
Ion Ratio	Lower	Upper	
98	100		
100	66.2	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 279.094 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 43 Resp: 1596961

Ion Ratio Lower Upper

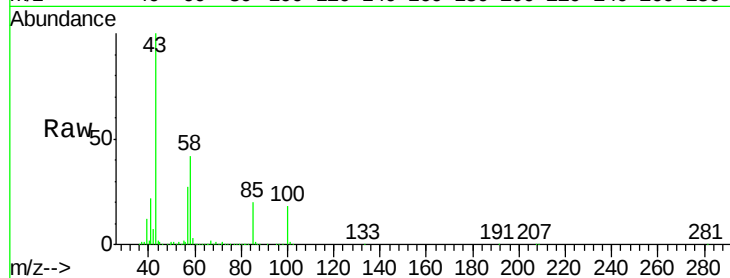
43 100

58 41.9 33.0 49.6

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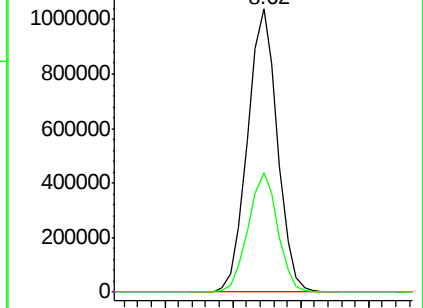
MMDadoda

6/3/2020 9:51:46 AM

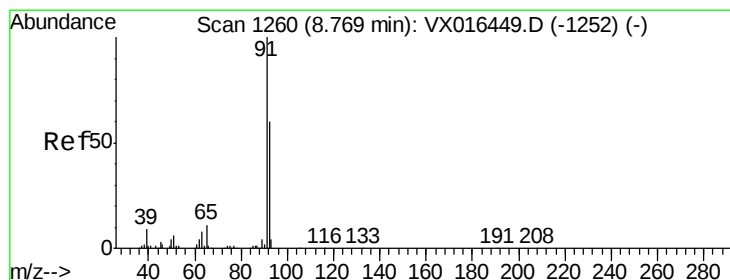
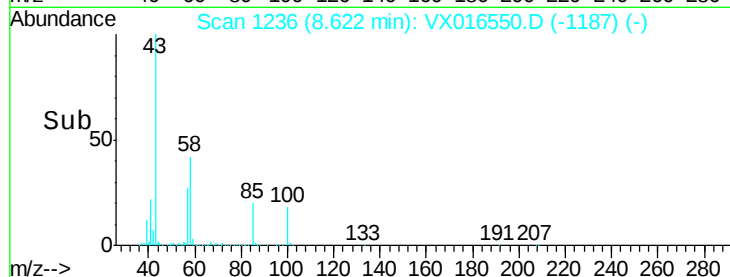


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 48.432 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016550.D

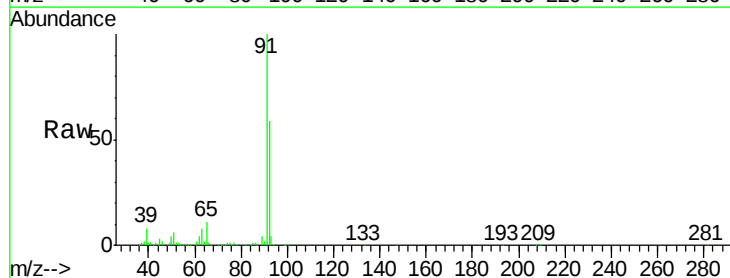
Acq: 02 Jun 2020 12:41

Tgt Ion: 92 Resp: 446294

Ion Ratio Lower Upper

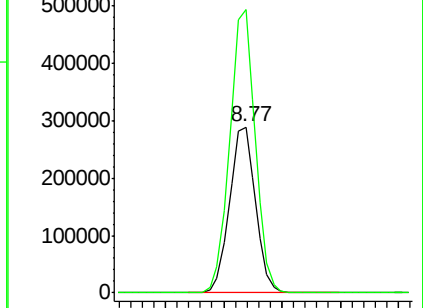
92 100

91 168.2 135.0 202.4

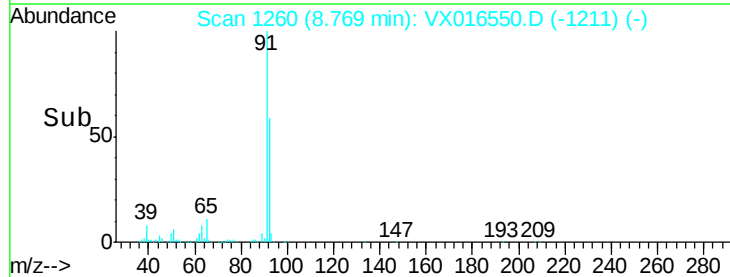


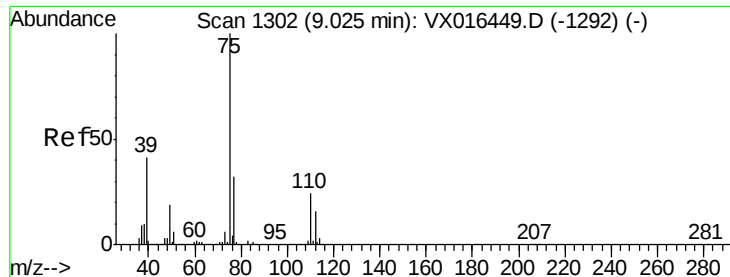
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





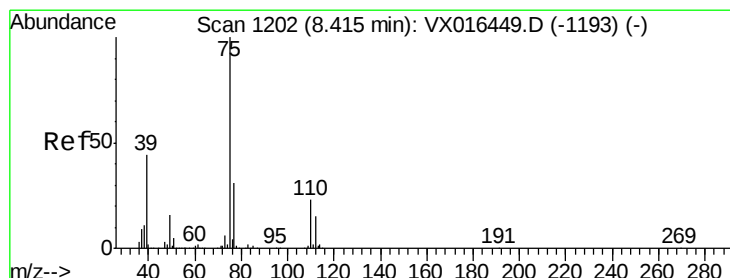
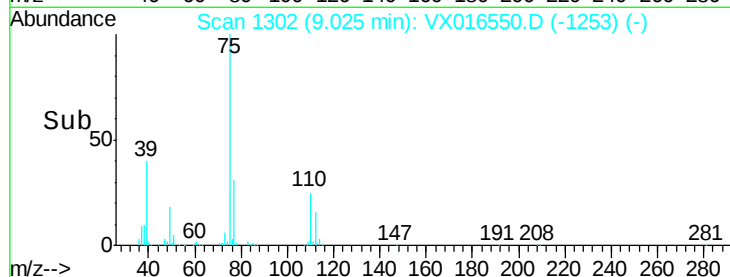
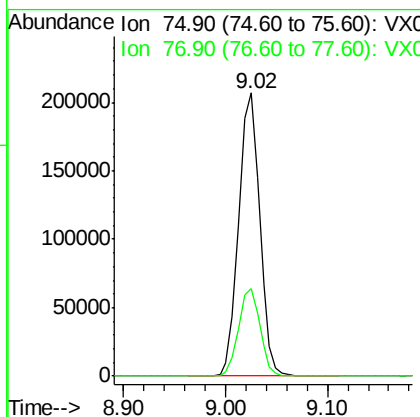
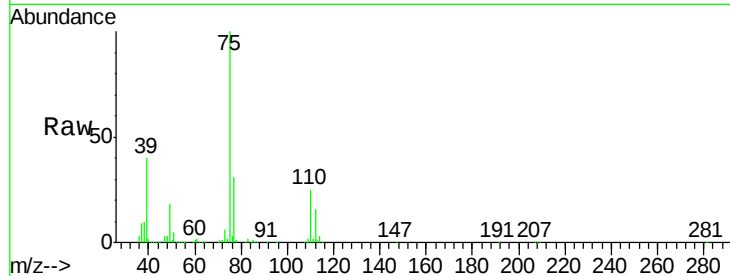
#53
 t-1,3-Dichloropropene
 Concen: 50.129 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.5	38.3

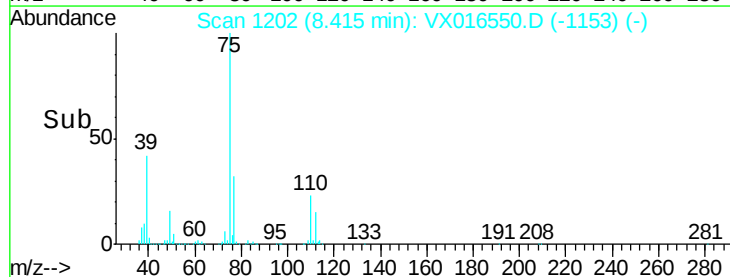
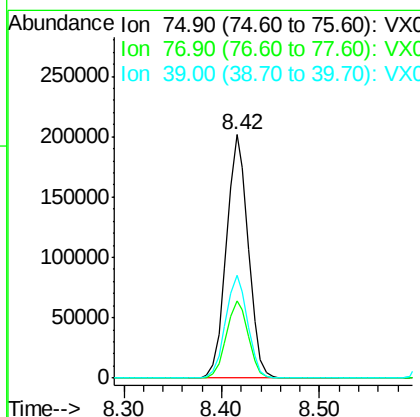
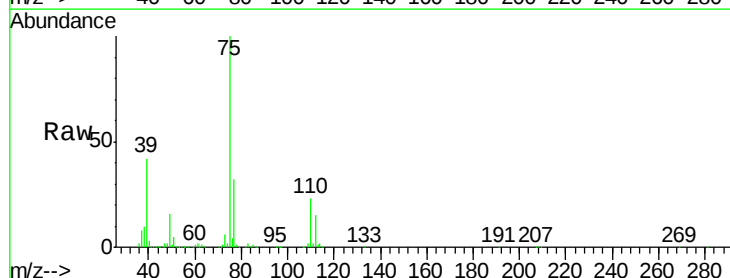
Manual Integrations
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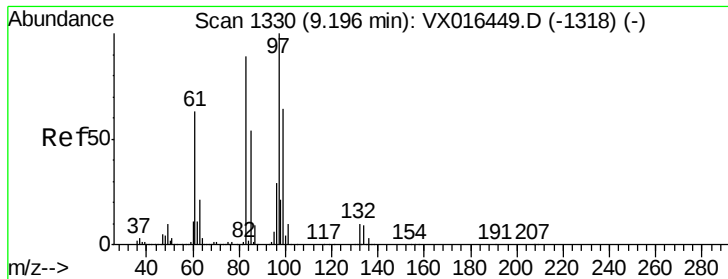
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#54
 cis-1,3-Dichloropropene
 Concen: 50.102 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	42.1	35.3	52.9





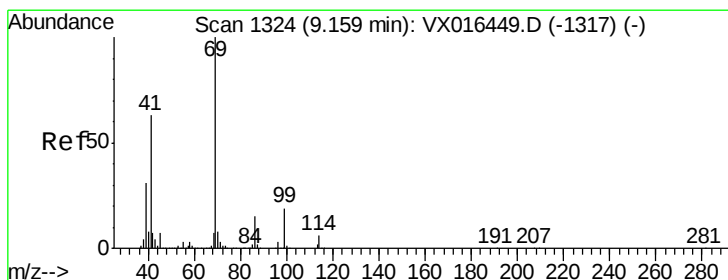
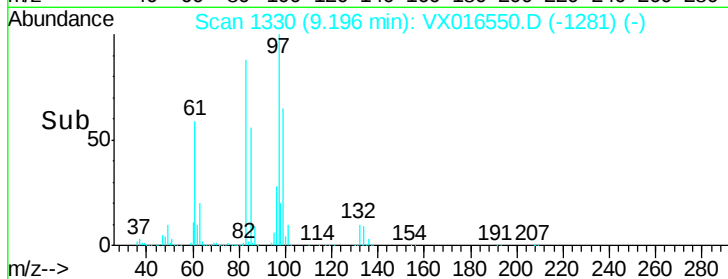
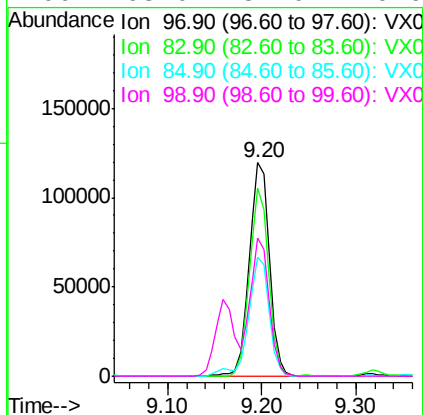
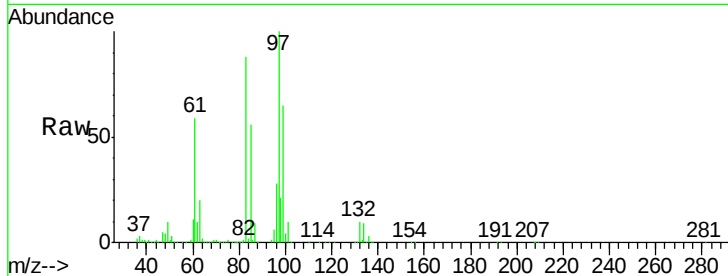
#55
 1,1,2-Trichloroethane
 Concen: 49.153 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion:	97	Resp:	180089
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.9	106.3
85	55.8	43.4	65.2
99	65.0	51.0	76.6

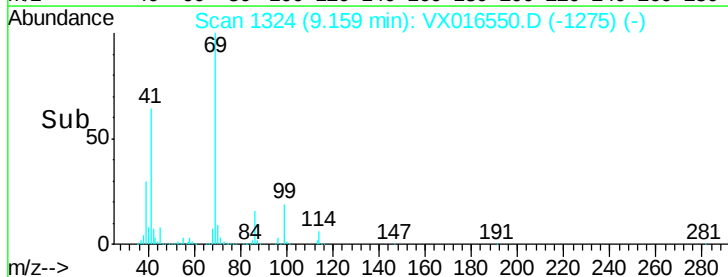
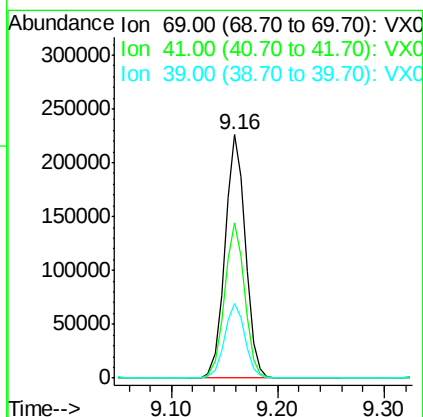
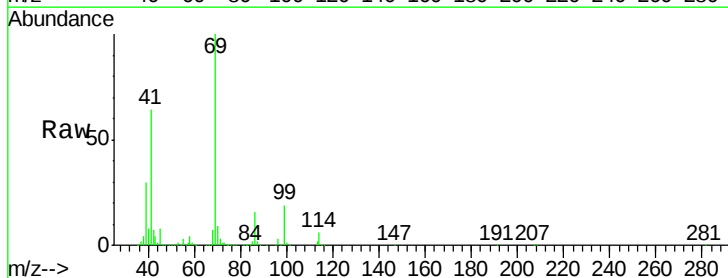
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#56
 Ethyl methacrylate
 Concen: 50.843 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion:	69	Resp:	303386
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.253 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 76 Resp: 309743

Ion Ratio Lower Upper

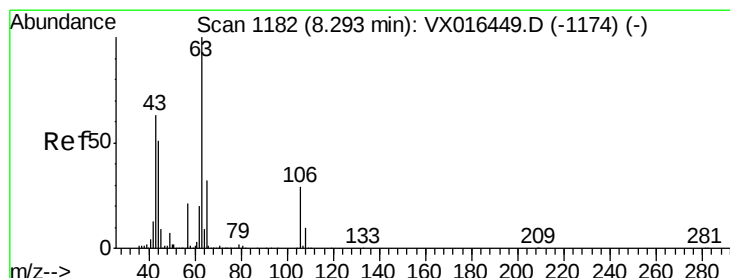
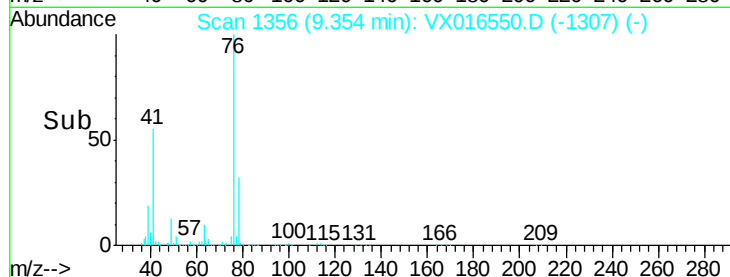
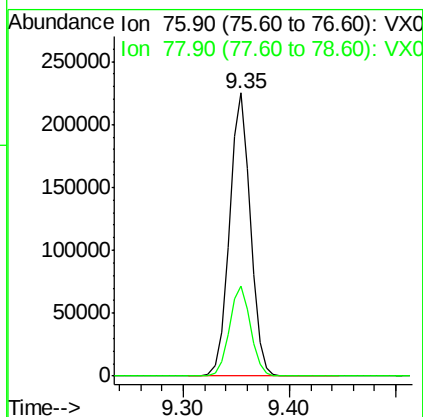
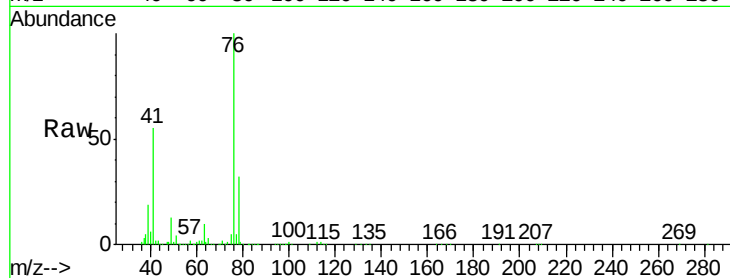
76 100

78 32.2 26.2 39.4

Manual Integrations
APPROVED

MMDadoda

6/3/2020 9:51:46 AM



#58

2-Chloroethyl Vinyl ether

Concen: 2.813 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016550.D

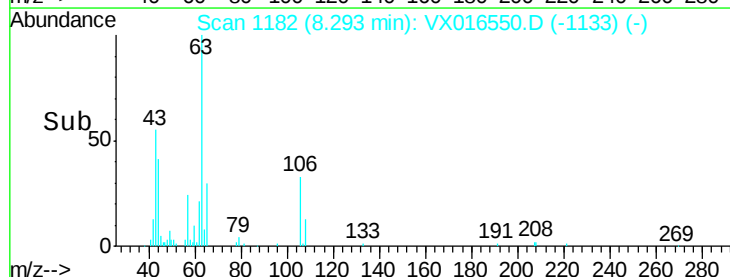
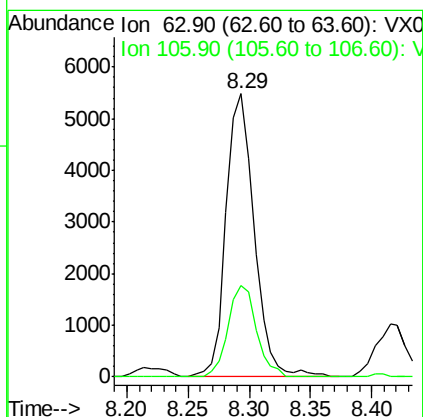
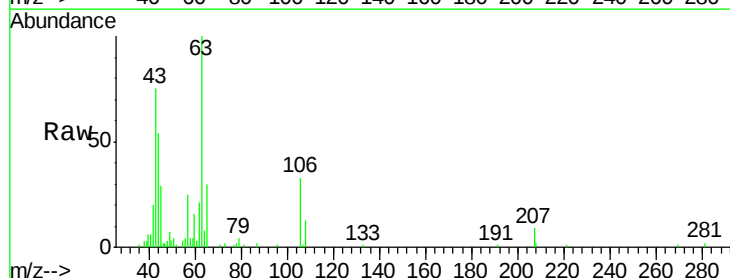
Acq: 02 Jun 2020 12:41

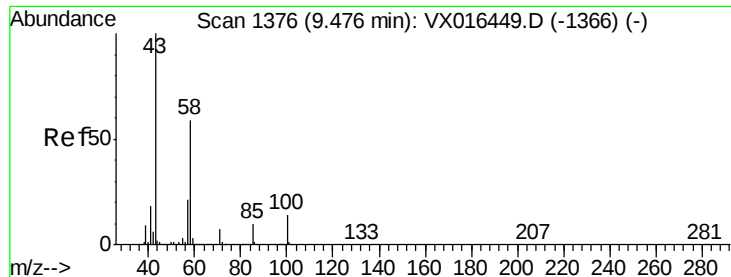
Tgt Ion: 63 Resp: 8761

Ion Ratio Lower Upper

63 100

106 32.2 23.2 34.8





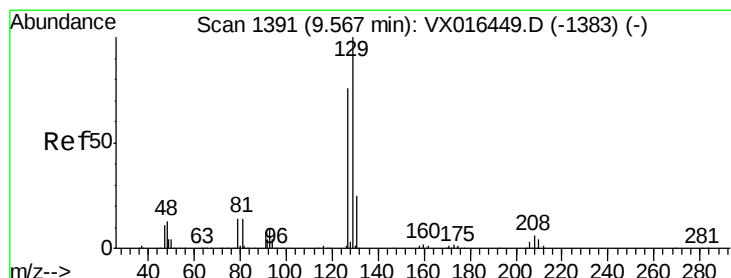
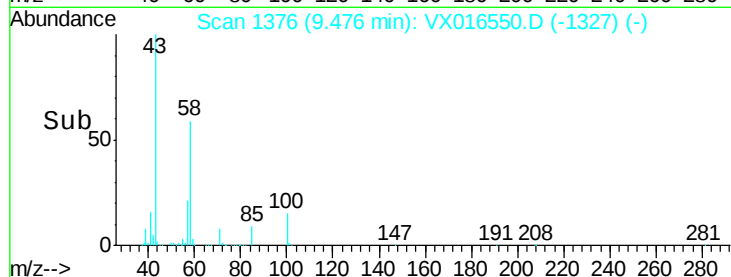
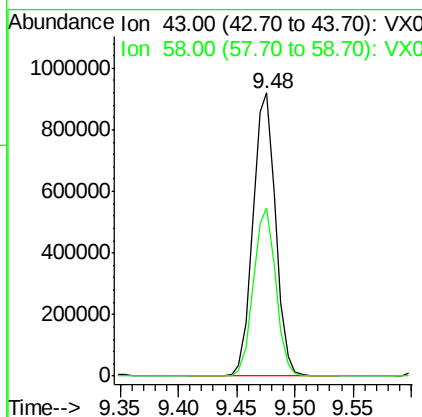
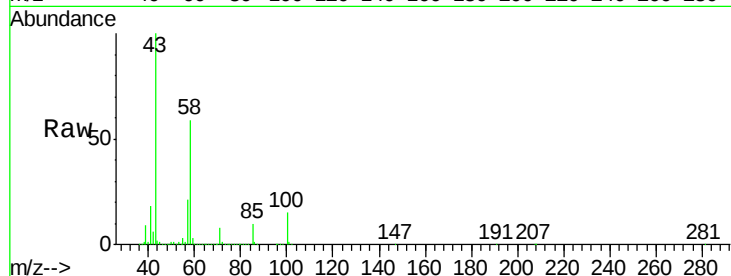
#59
2-Hexanone
Concen: 279.023 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion: 43 Resp: 1241572
Ion Ratio Lower Upper
43 100
58 59.2 28.8 86.4

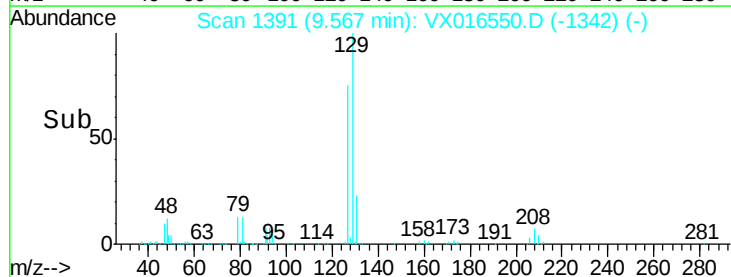
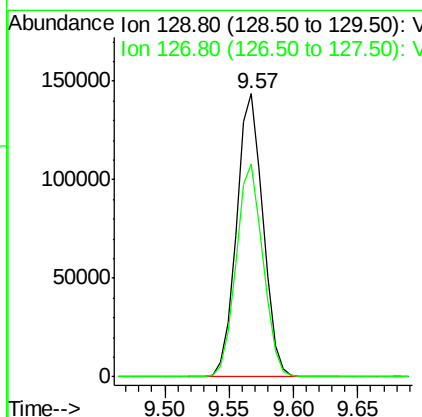
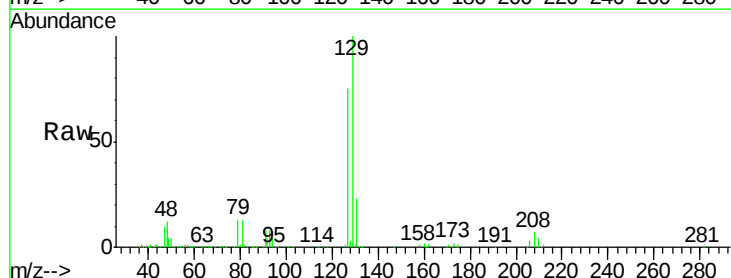
Manual Integrations
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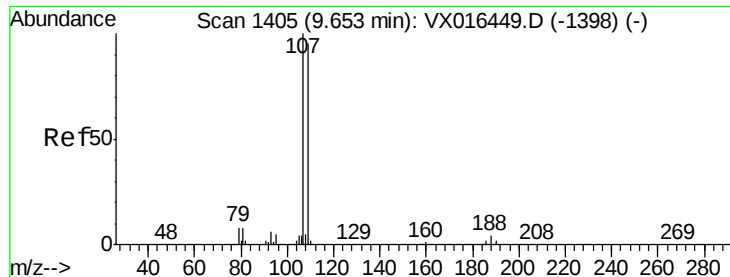
MMDadoda
6/3/2020 9:51:46 AM



#60
Dibromochloromethane
Concen: 49.713 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion: 129 Resp: 204973
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.486 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 107 Resp: 194155

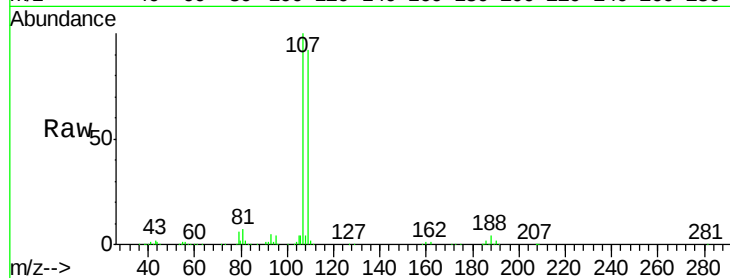
Ion Ratio Lower Upper

107 100

109 93.4 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

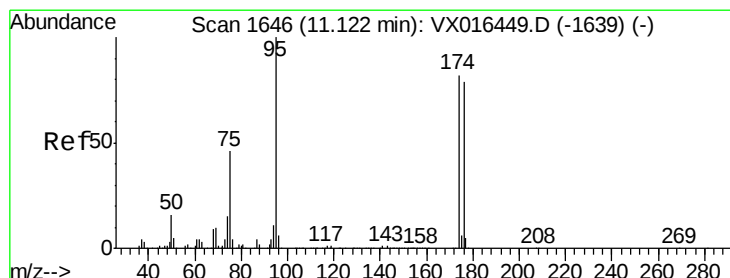
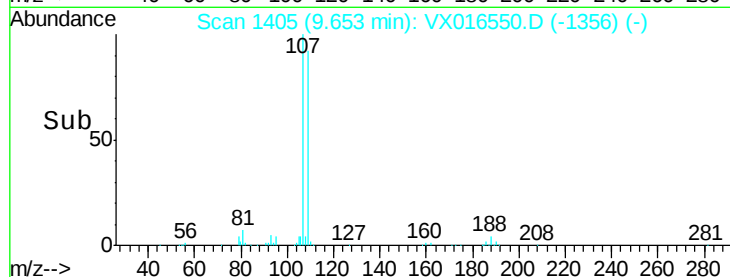
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.274 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

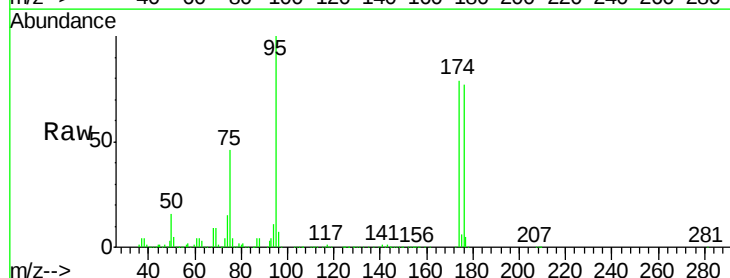
Tgt Ion: 95 Resp: 226889

Ion Ratio Lower Upper

95 100

174 81.7 0.0 163.0

176 78.7 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

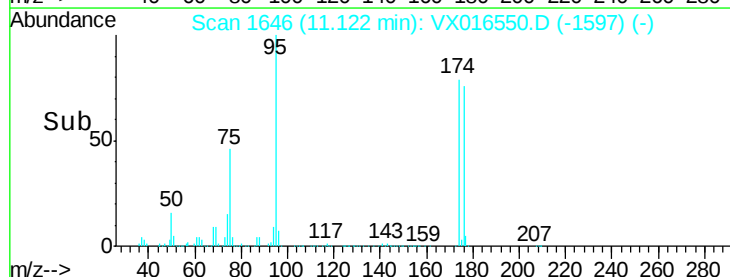
150000

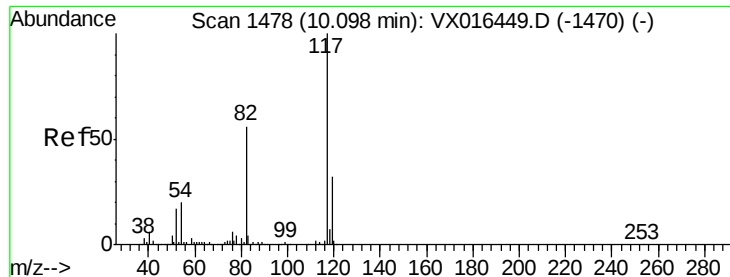
100000

50000

0

Time--> 11.10 11.20





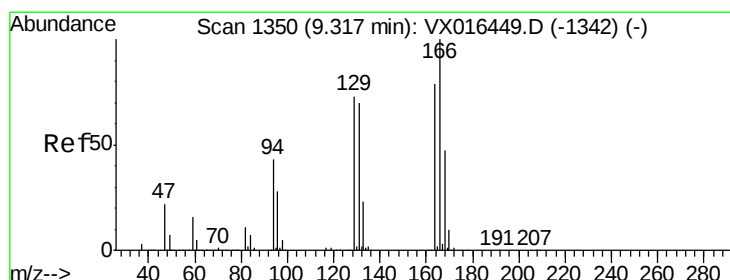
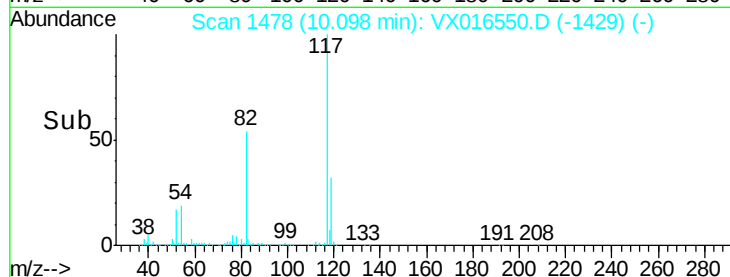
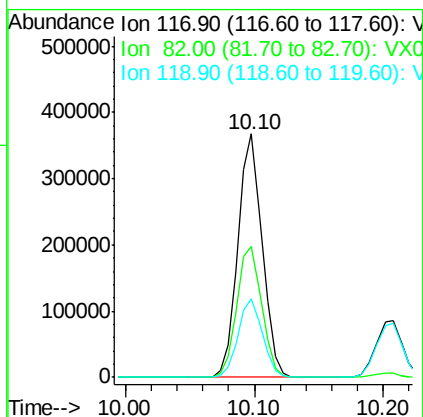
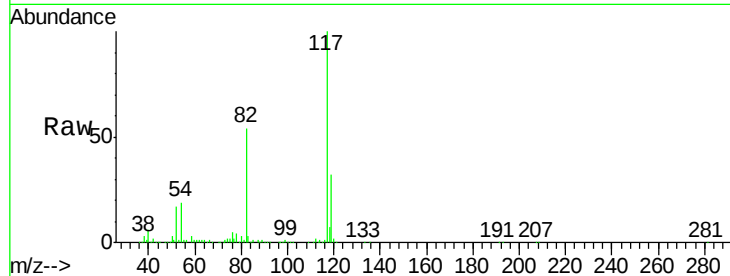
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	480217		
82	54.0		45.0	67.6
119	32.2		25.8	38.8

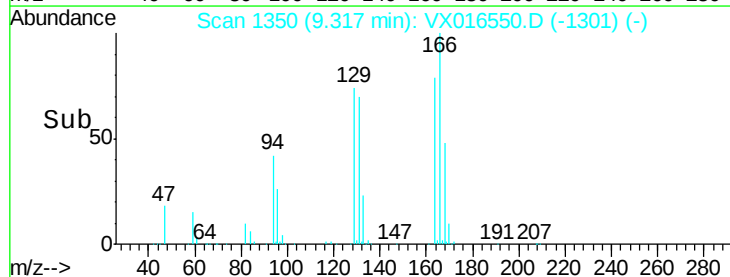
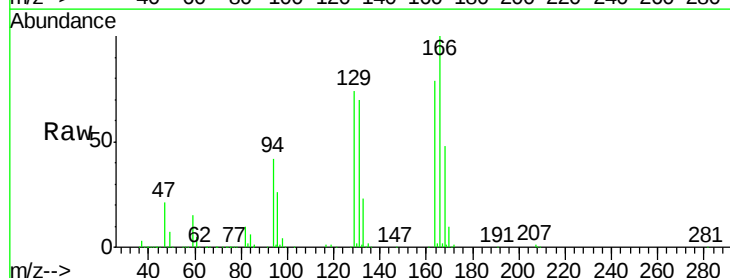
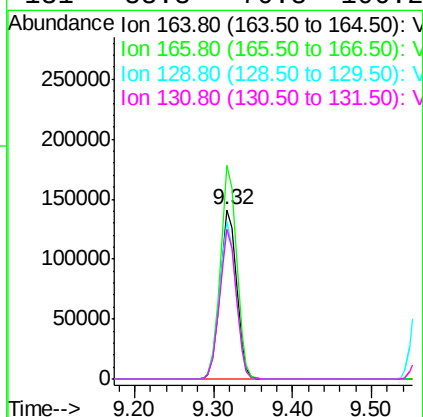
Manual Integrations
APPROVED

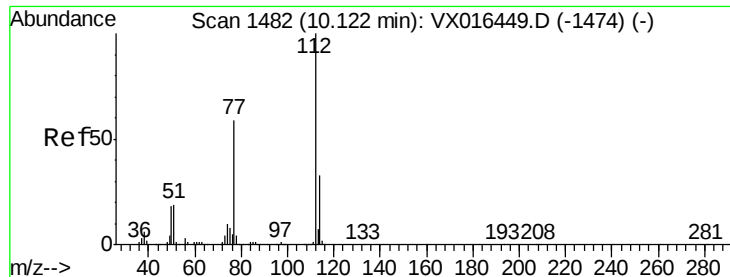
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#64
Tetrachloroethene
Concen: 38.553 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207128		
166	126.2		100.9	151.3
129	92.9		73.2	109.8
131	88.3		70.8	106.2





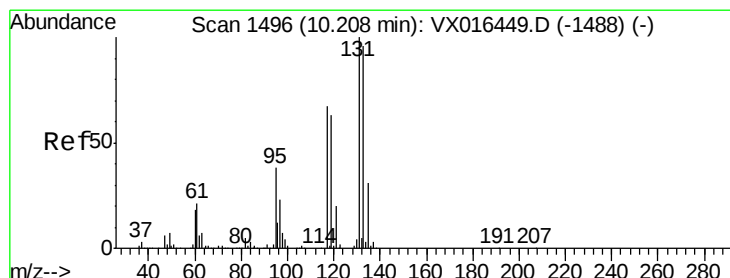
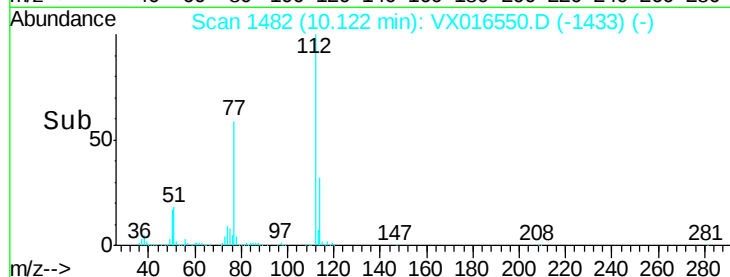
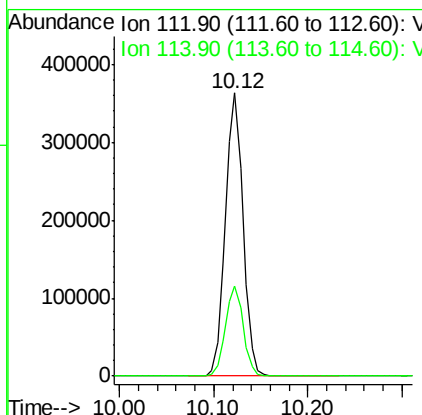
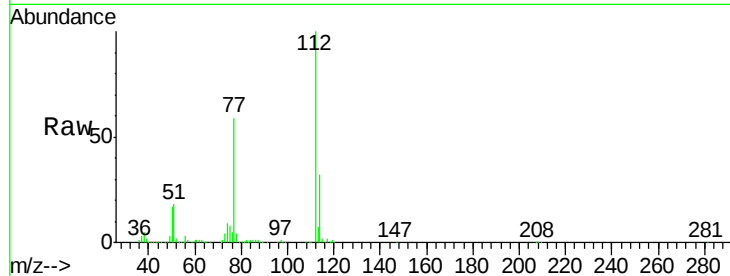
#65
Chlorobenzene
Concen: 48.335 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.0	39.0

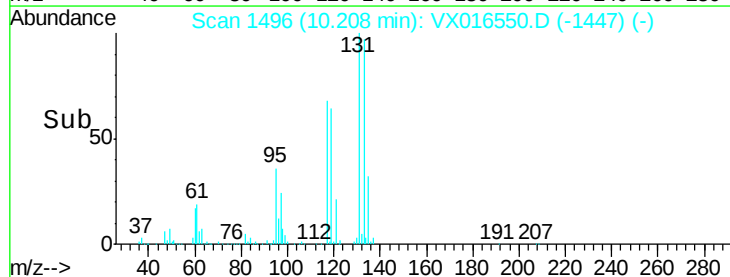
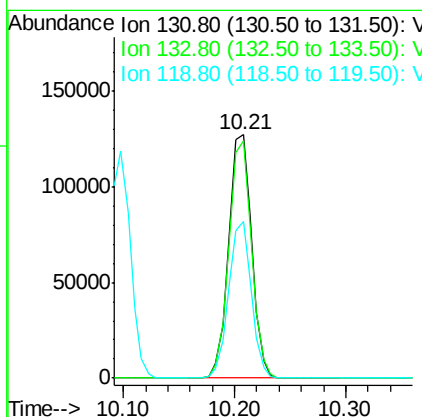
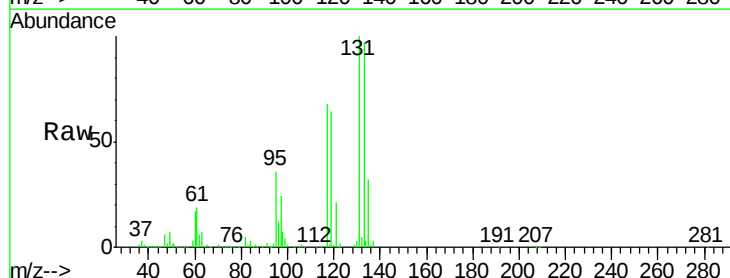
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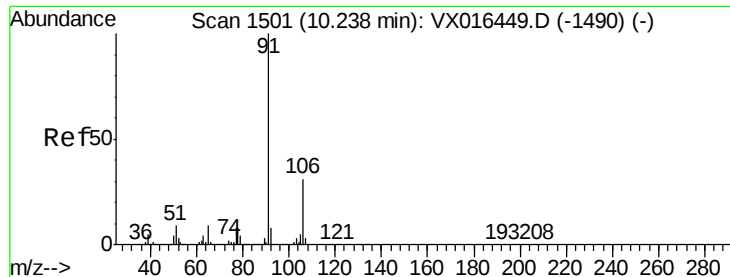
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.708 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.4	145.3
119	63.4	32.0	96.2





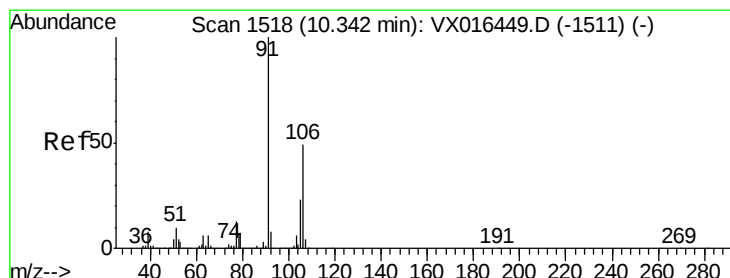
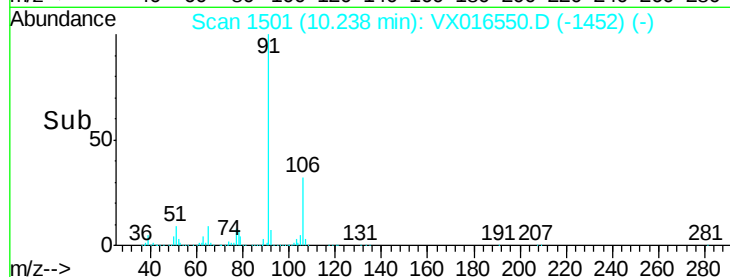
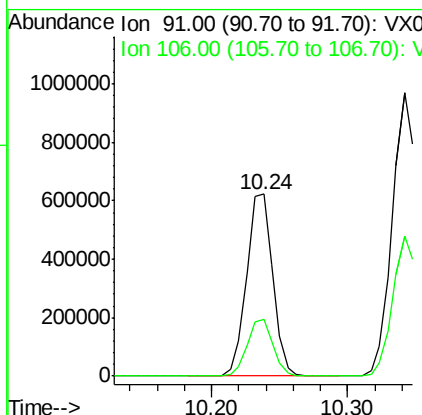
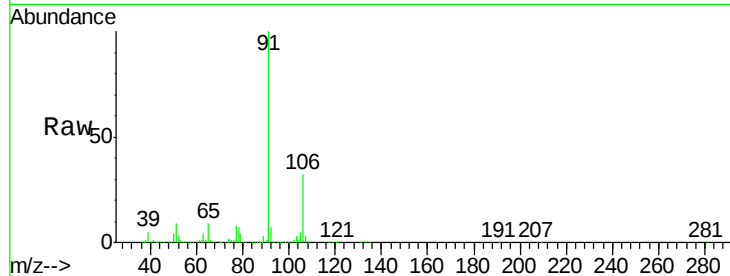
#67
Ethyl Benzene
Concen: 48.173 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion: 91 Resp: 839704
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

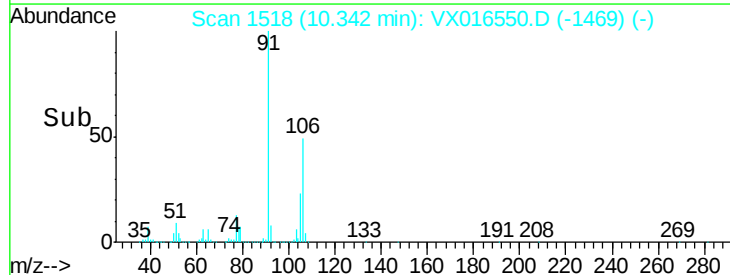
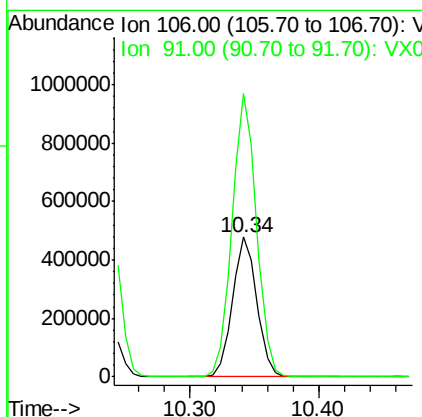
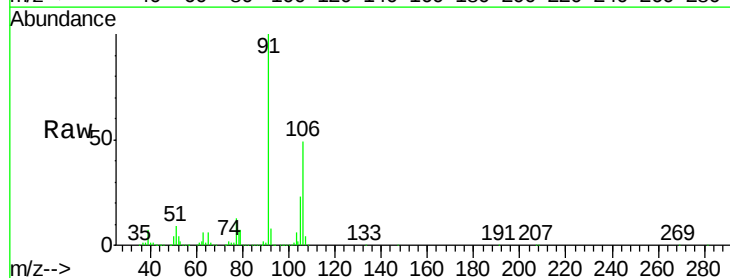
Manual Integrations
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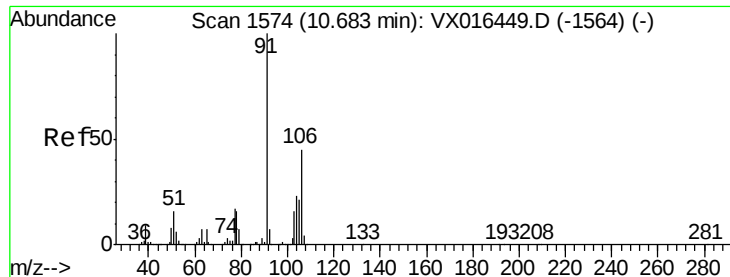
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#68
m/p-Xylenes
Concen: 97.381 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion: 106 Resp: 629361
Ion Ratio Lower Upper
106 100
91 203.5 163.8 245.8





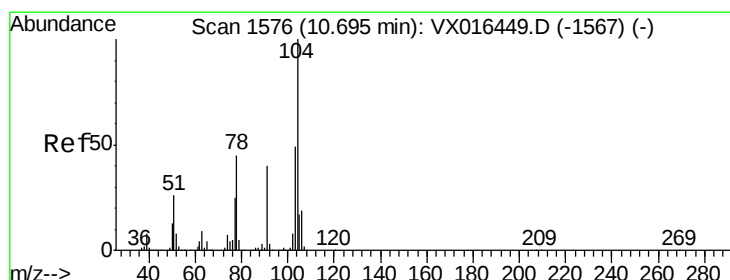
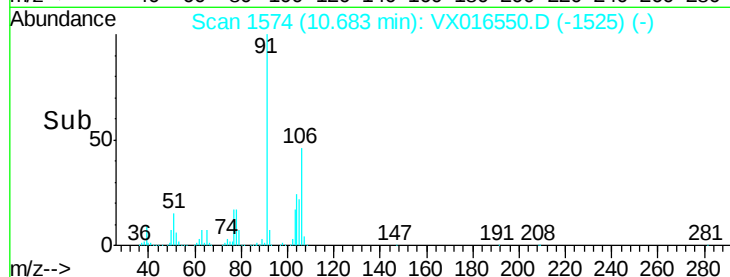
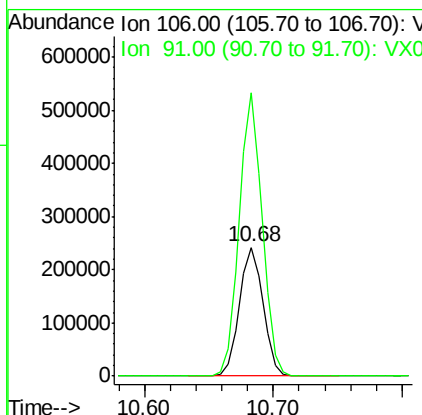
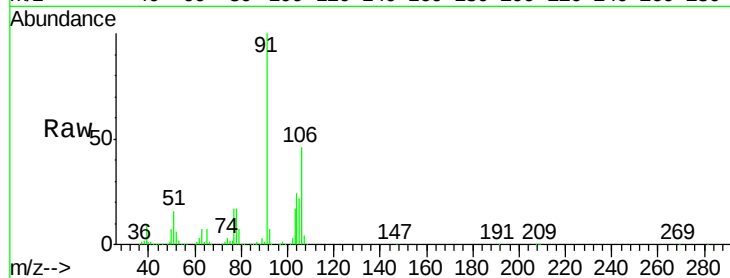
#69
o-Xylene
Concen: 49.290 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.7	109.6	328.8

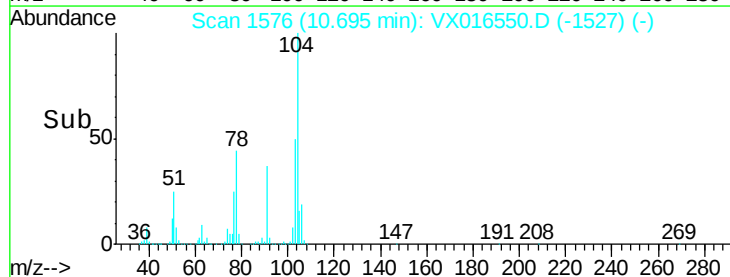
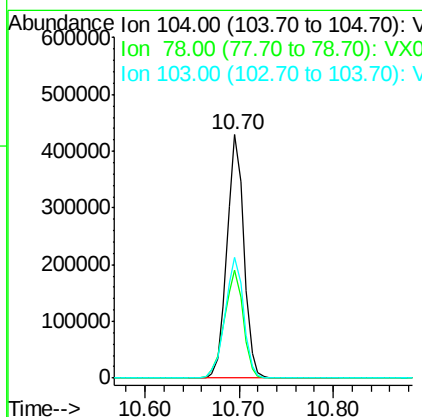
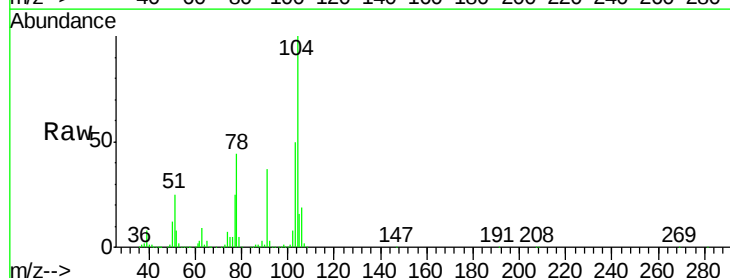
Manual Integrations
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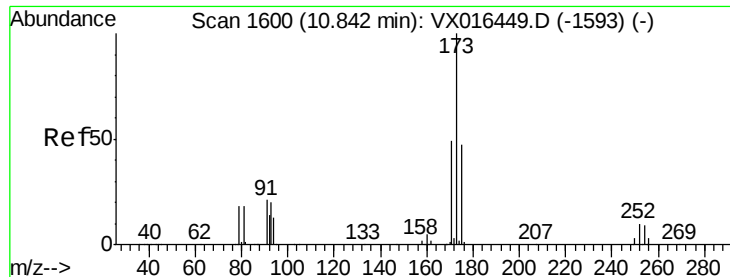
MMDadoda
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#70
Styrene
Concen: 49.677 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.2	60.2
103	54.3	43.1	64.7





#71

Bromoform

Concen: 50.197 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

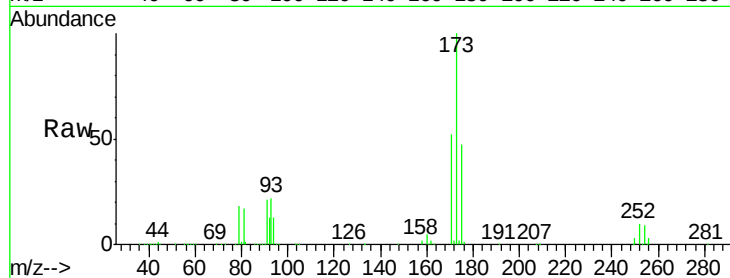
ClientSampleId :

SS050MW641-200528MSD

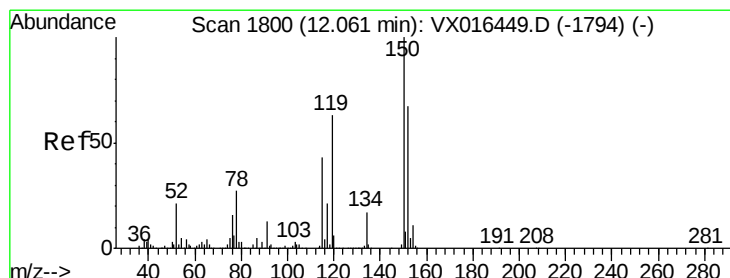
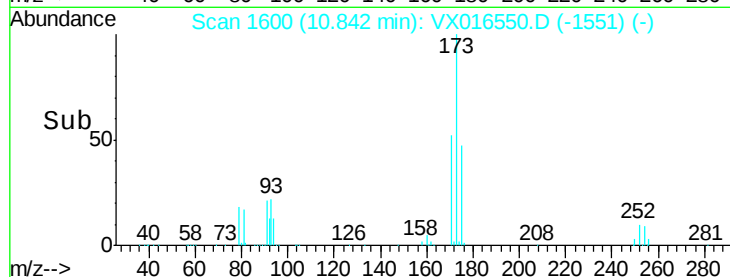
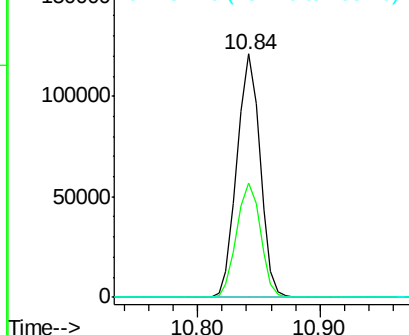
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.9	71.7
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

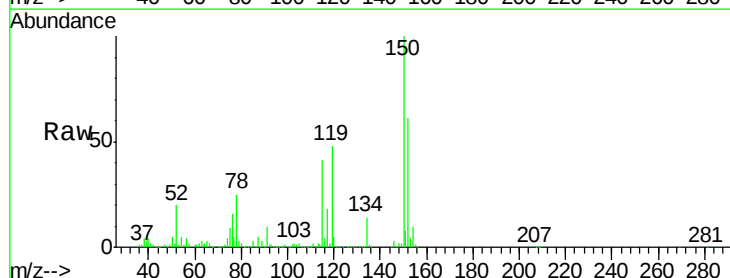
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

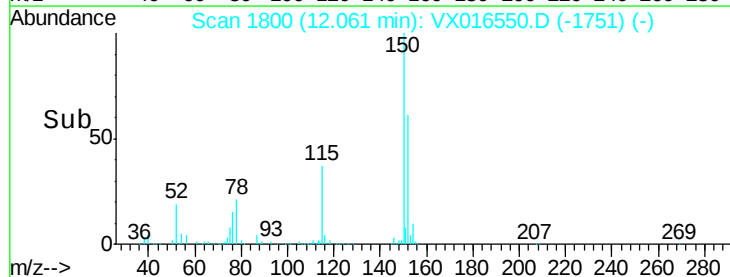
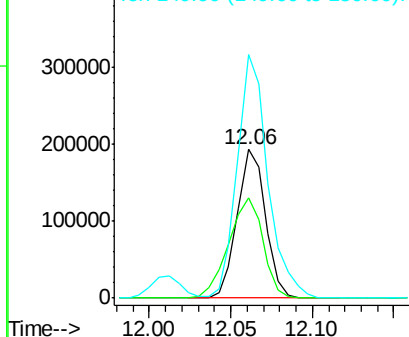
Lab File: VX016550.D

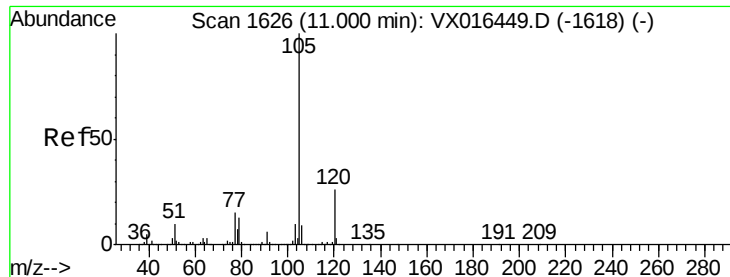
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.3	39.9	119.6
150	176.9	0.0	341.0



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: 50.055 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 105 Resp: 813638

Ion Ratio Lower Upper

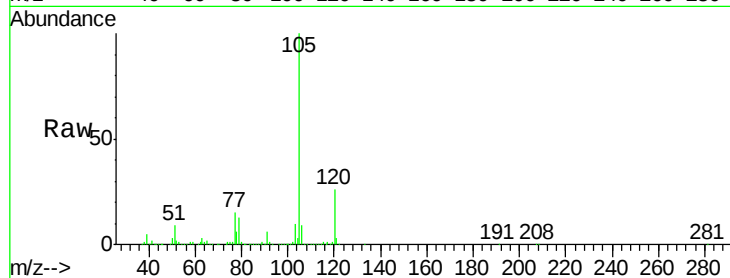
105 100

120 26.3 13.1 39.3

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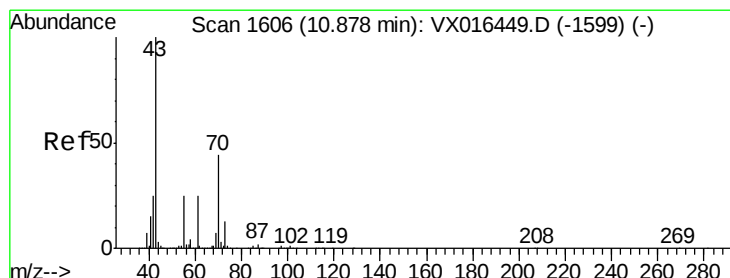
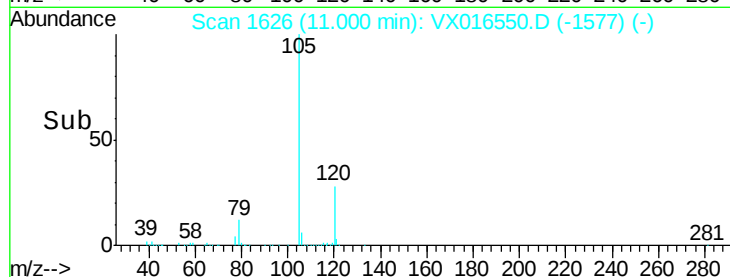
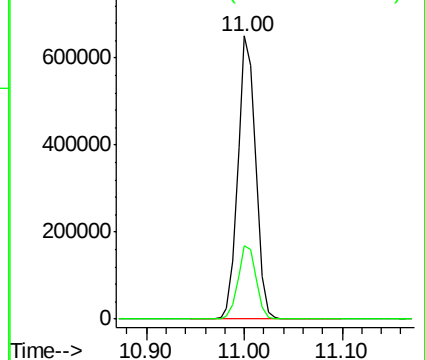
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.589 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion: 43 Resp: 400678

Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.2 20.2 30.4

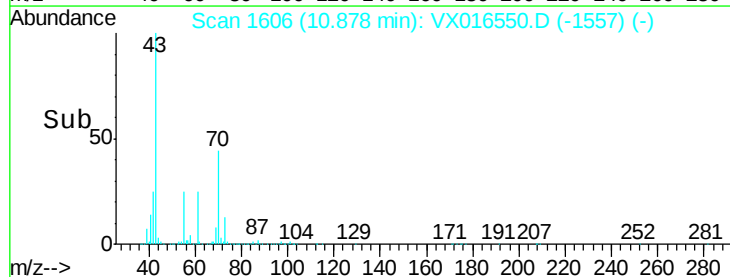
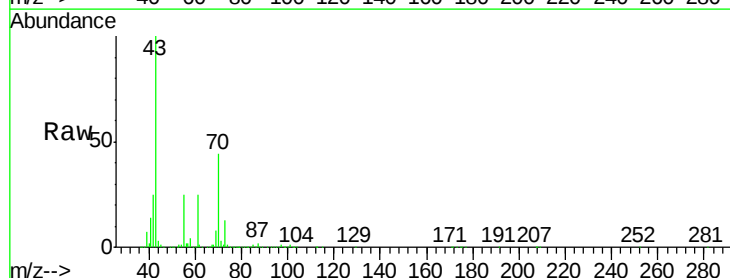
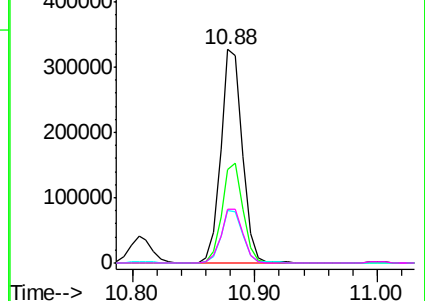
61 25.8 20.3 30.5

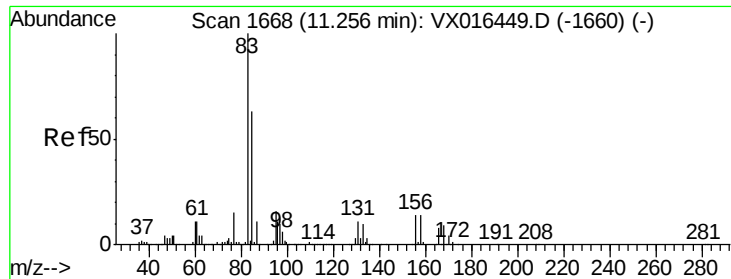
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 62.207 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

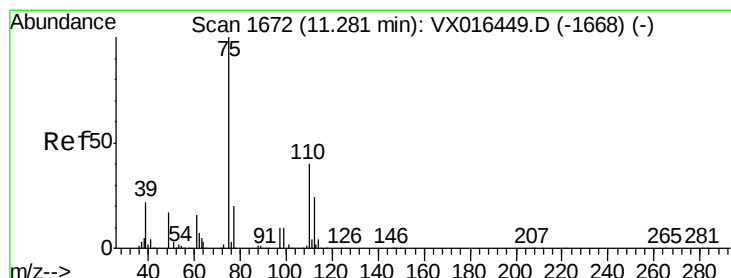
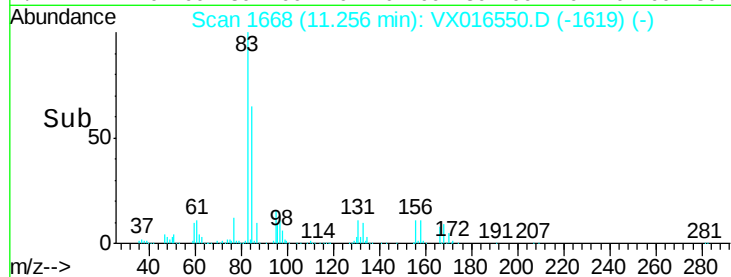
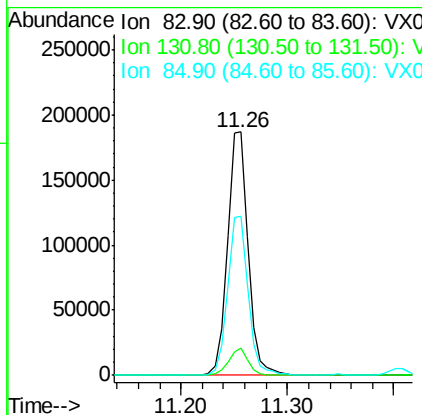
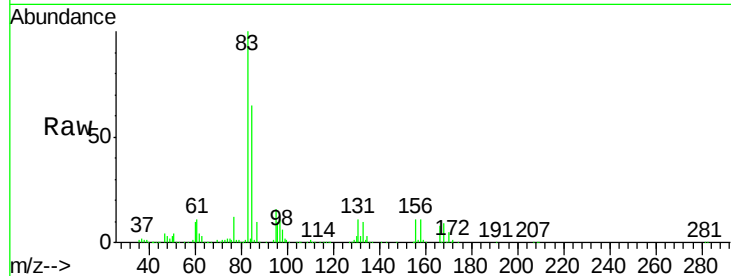
ClientSampleId :

SS050MW641-200528MSD

Tot Ion:	83	Resp:	253420
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.941 ug/l m

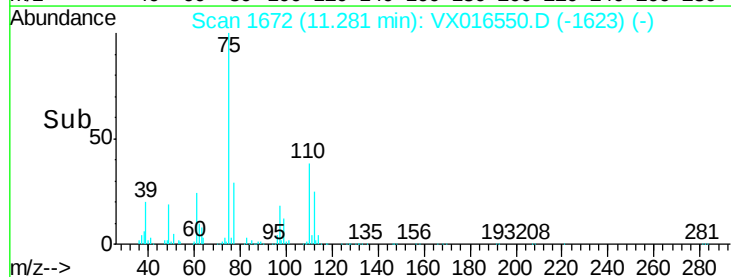
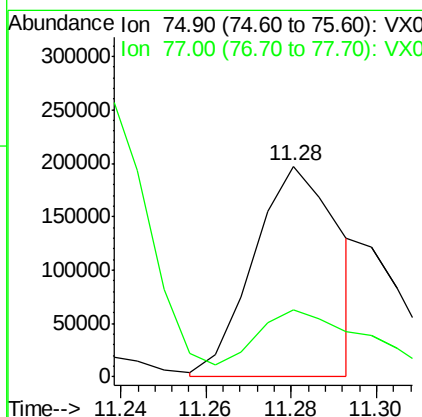
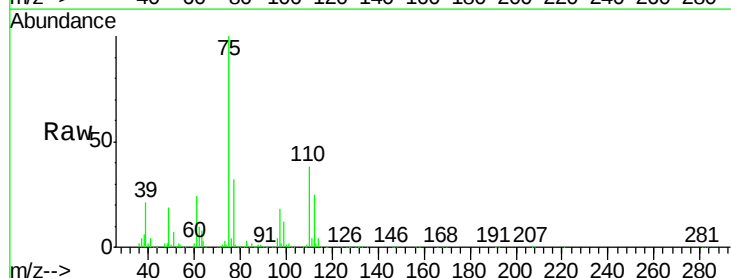
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	75	Resp:	272997
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.3	63.7





#77

Bromobenzene

Concen: 49.429 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

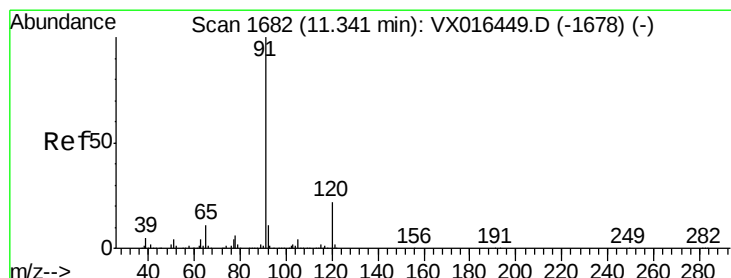
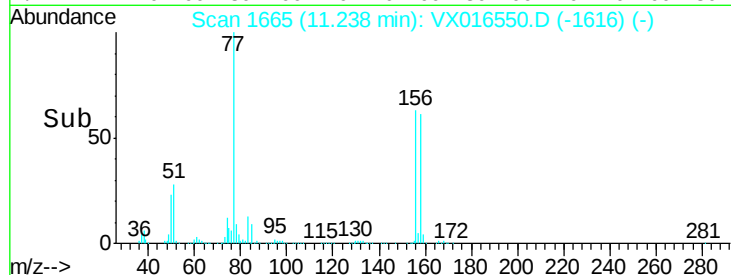
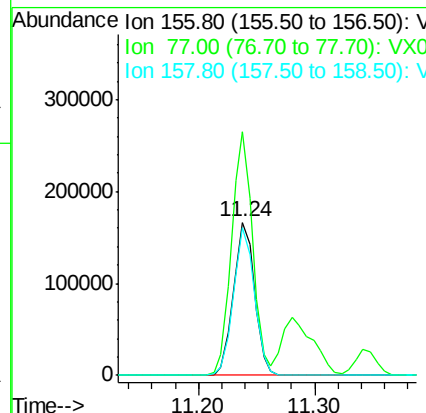
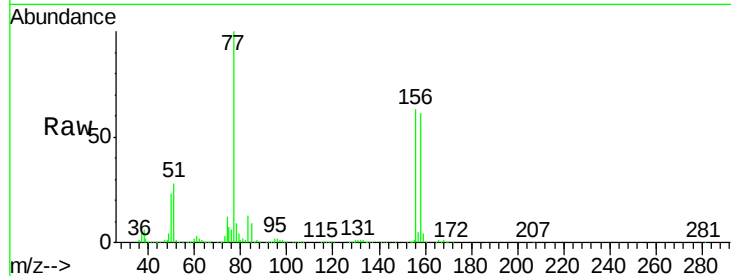
ClientSampleId :

SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.9	79.6	238.8
158	95.8	48.1	144.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.169 ug/l

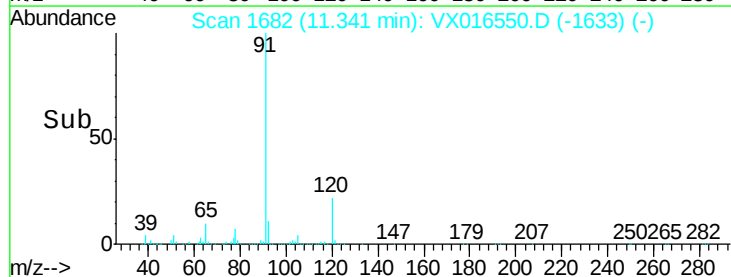
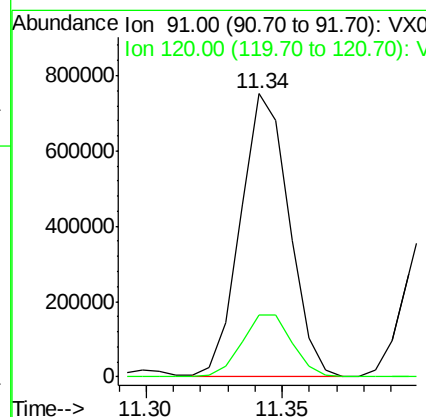
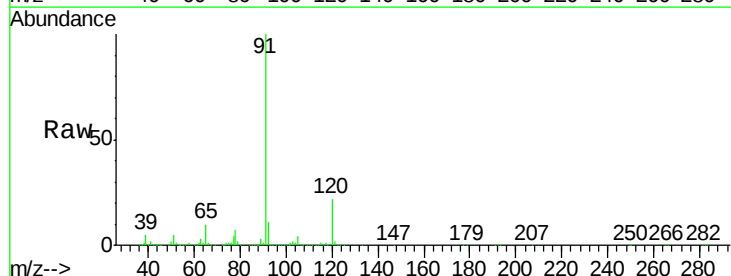
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.6	34.7





#79

2-Chlorotoluene

Concen: 50.465 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-200528MSD

Tot Ion: 91 Resp: 559401

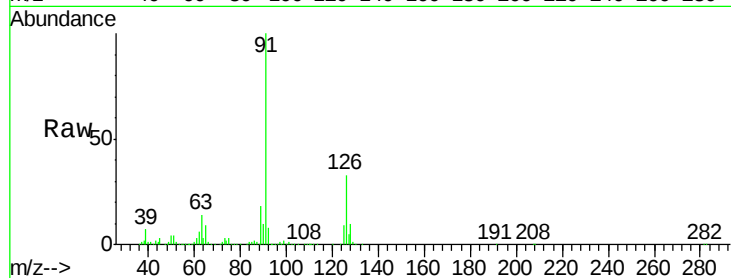
Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

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6/3/2020 9:51:46 AM



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

800000

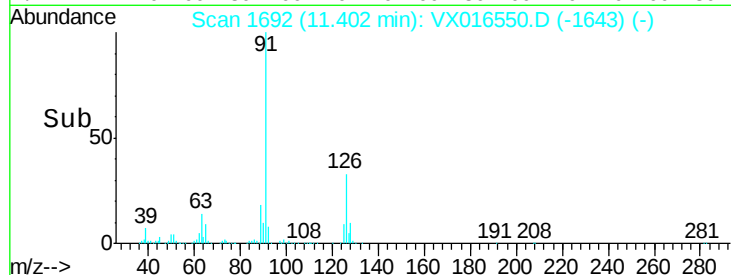
600000

400000

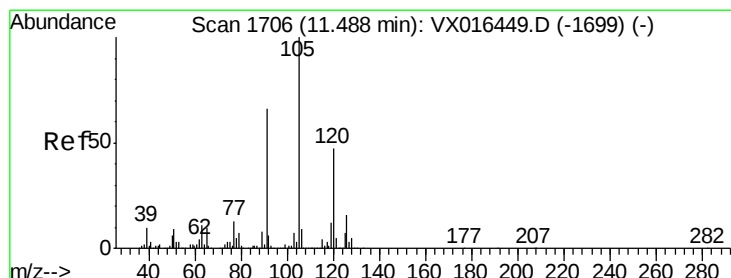
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.721 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016550.D

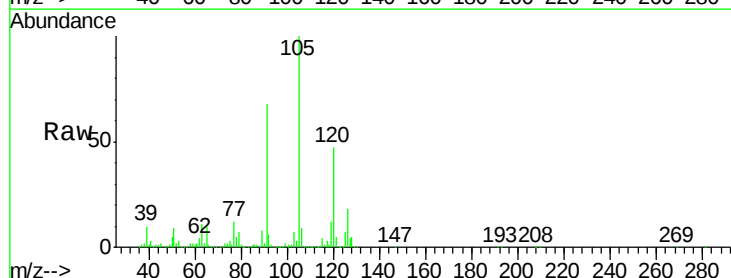
Acq: 02 Jun 2020 12:41

Tgt Ion: 105 Resp: 688409

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

600000

500000

400000

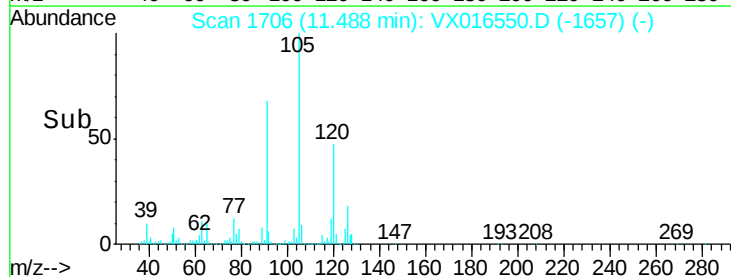
300000

200000

100000

0

11.50 11.60



Time-->



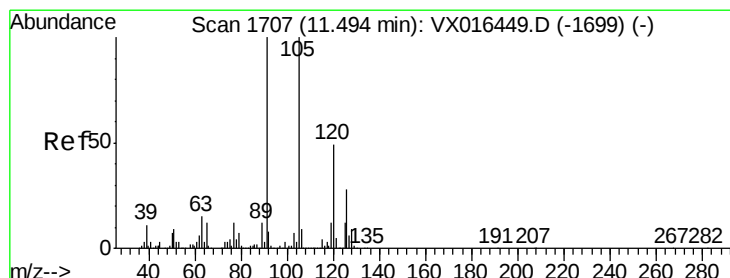
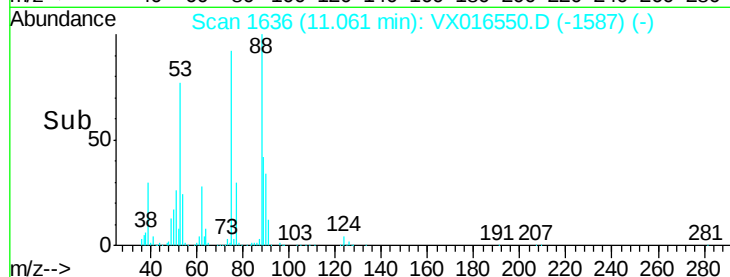
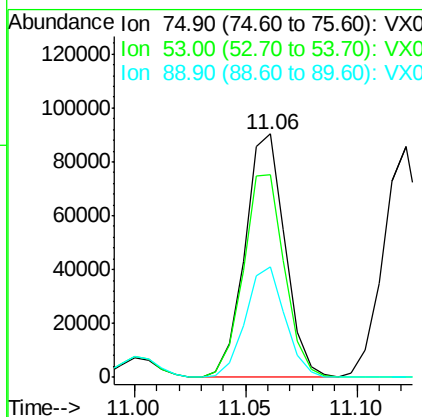
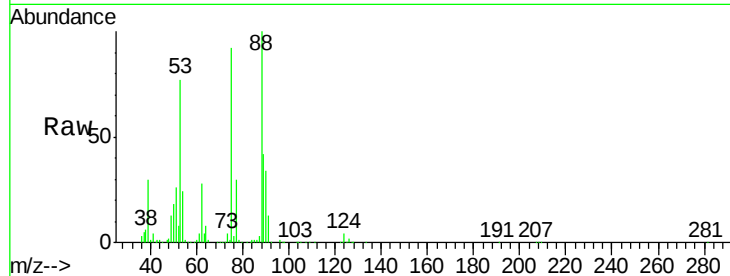
#81
trans-1,4-Dichloro-2-butene
Concen: 53.797 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.5	71.3	106.9
89	45.1	36.6	55.0

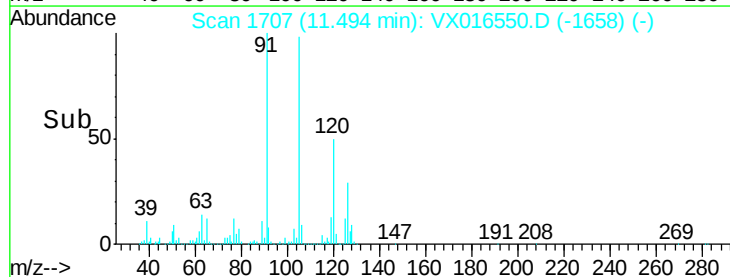
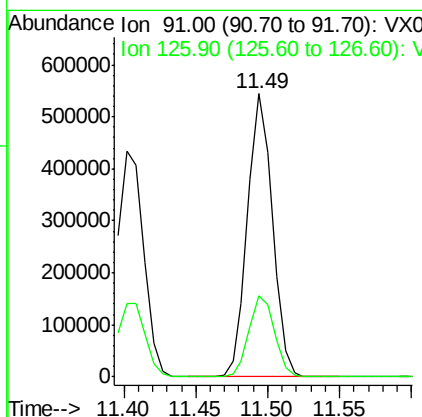
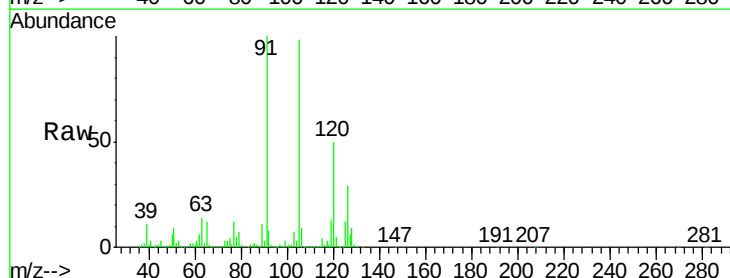
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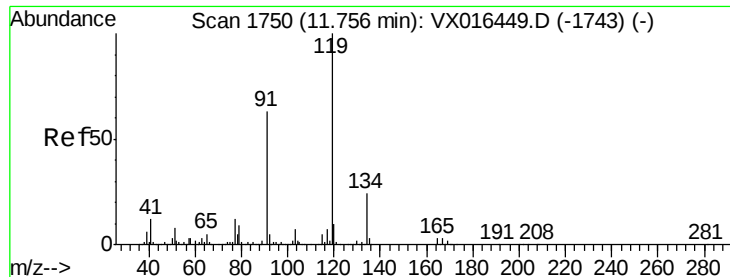
MMDadoda
6/3/2020 9:51:46 AM



#82
4-Chlorotoluene
Concen: 49.927 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.7	44.1





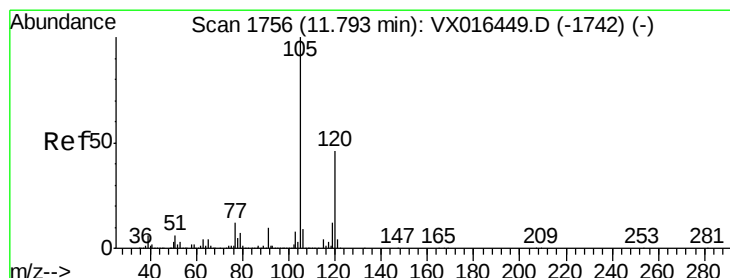
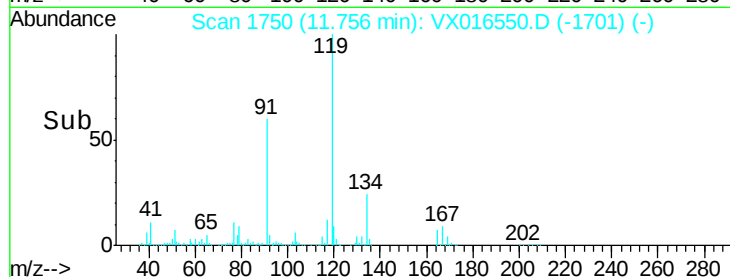
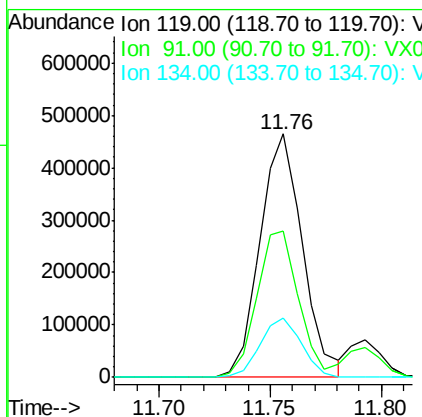
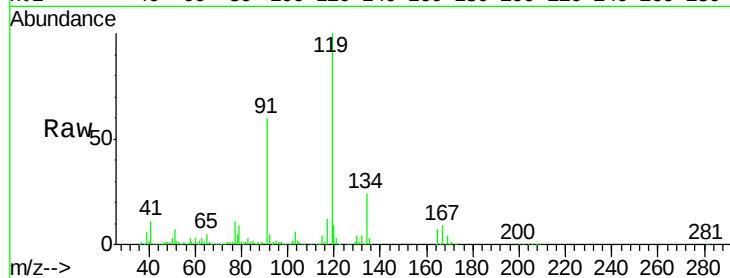
#83
tert-Butylbenzene
Concen: 53.189 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	616843		
91	58.7	31.3	93.8	
134	23.7	12.0	36.0	

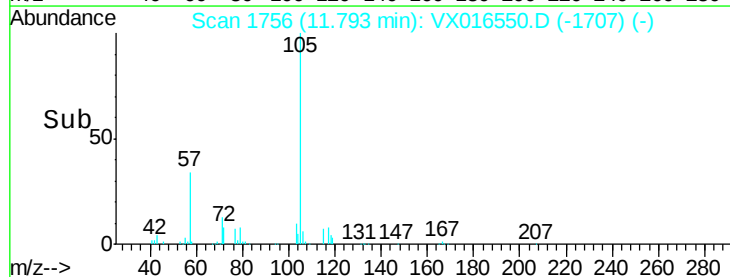
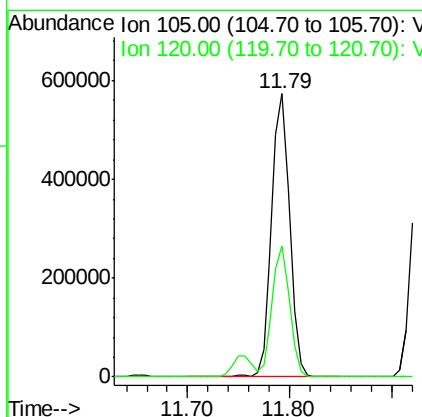
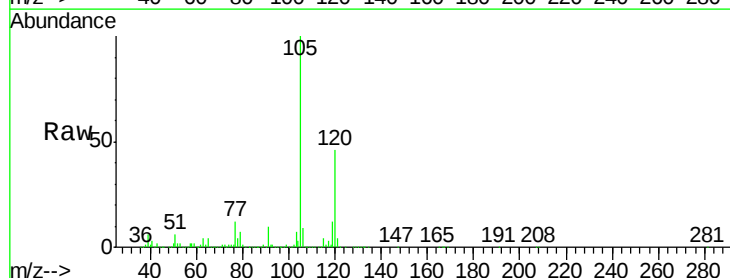
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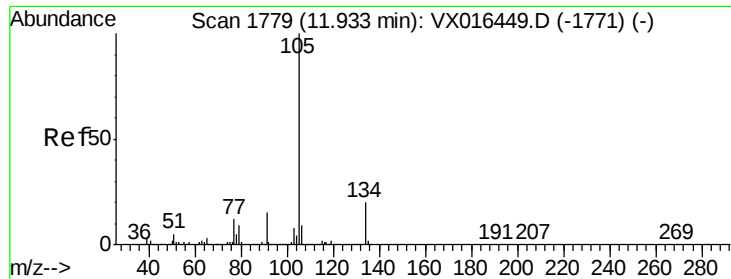
MMDadoda
6/3/2020 9:51:46 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.960 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	699489		
120	45.1	22.6	67.7	





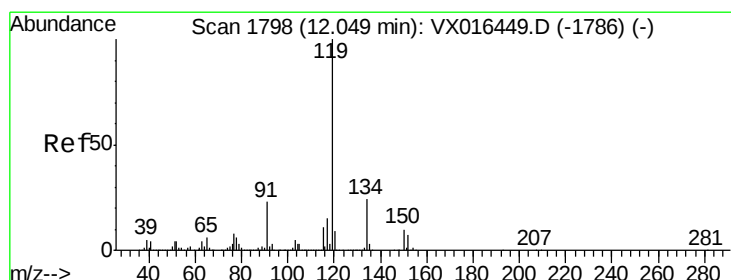
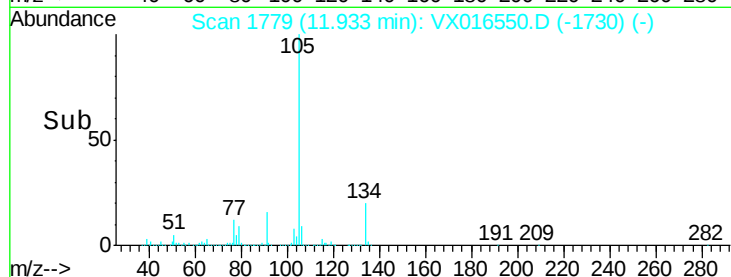
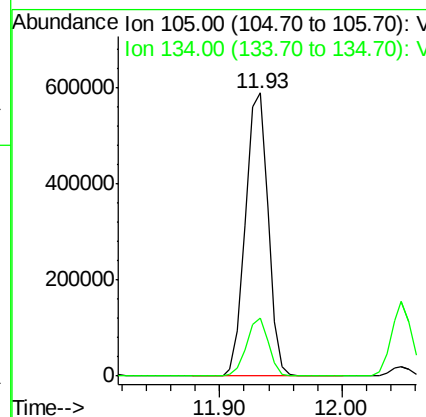
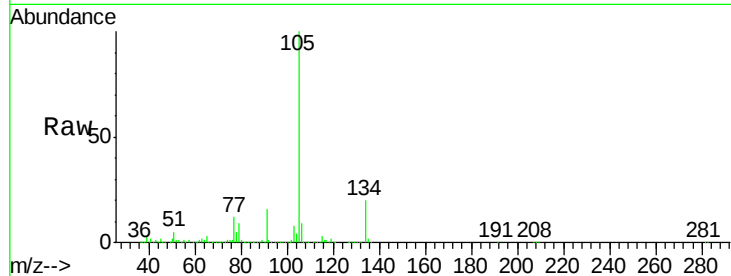
#85
 sec-Butylbenzene
 Concen: 51.794 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3

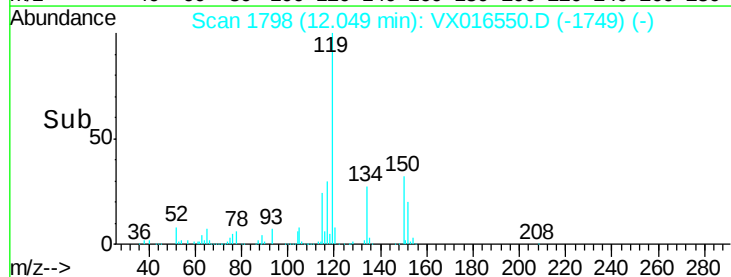
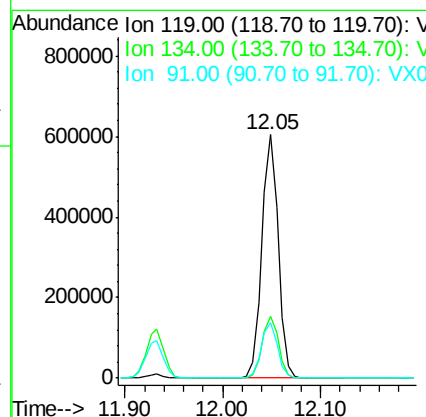
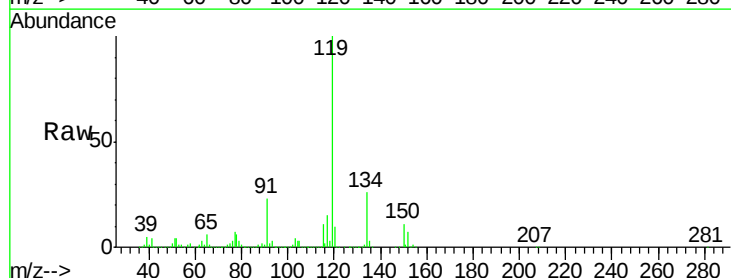
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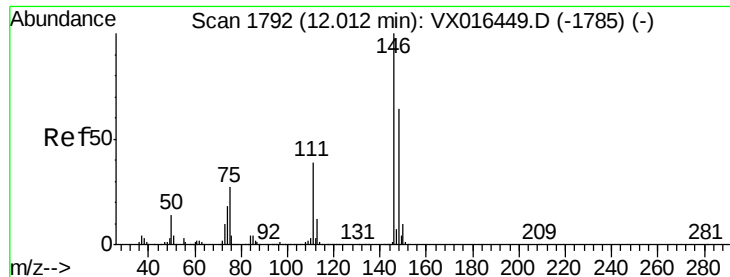
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#86
 p-Isopropyltoluene
 Concen: 51.353 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	22.9	11.7	35.0





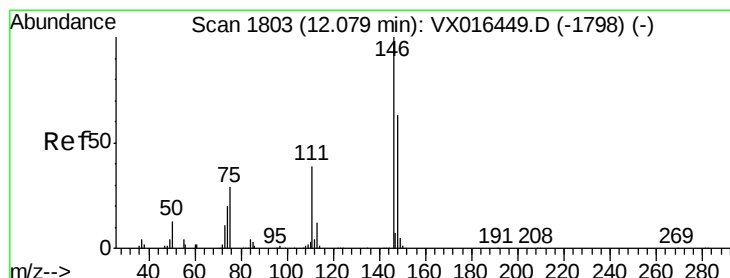
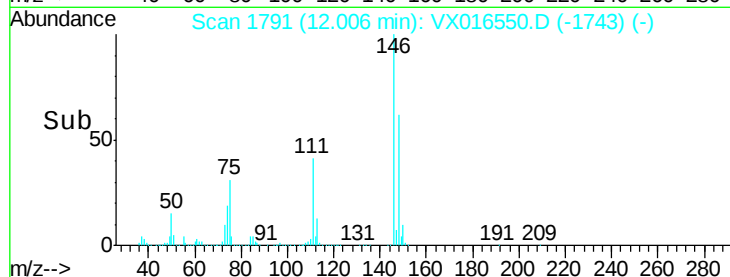
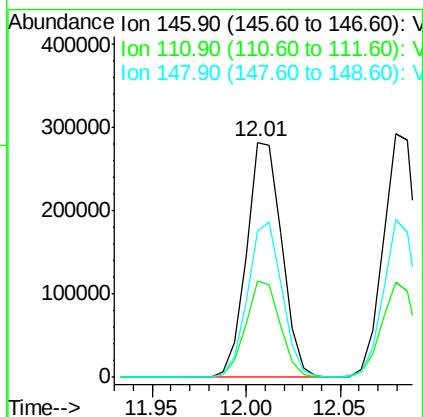
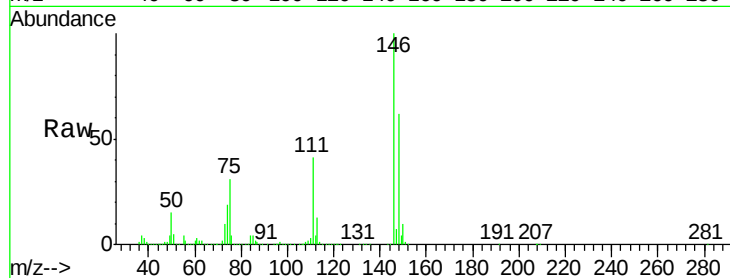
#87
 1,3-Dichlorobenzene
 Concen: 49.670 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	366871		
111	40.4	20.0	60.0	
148	64.1	31.9	95.5	

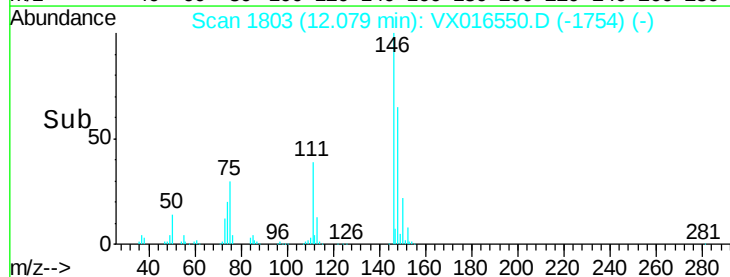
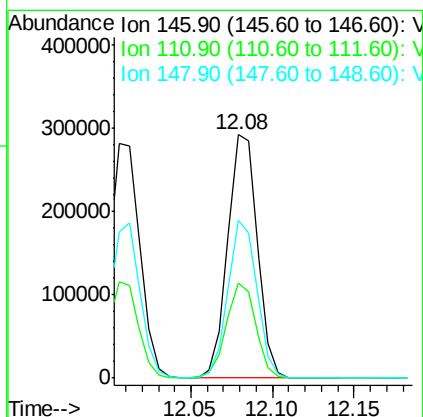
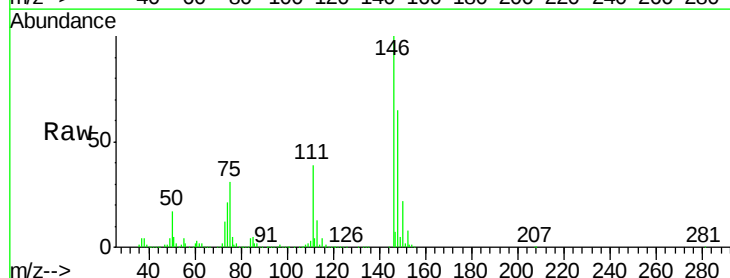
Manual Integrations
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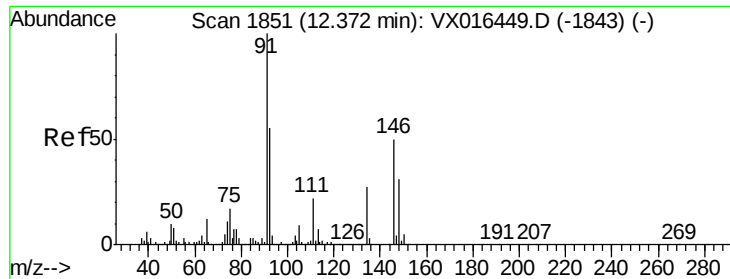
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#88
 1,4-Dichlorobenzene
 Concen: 48.982 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370018		
111	38.9	19.4	58.2	
148	63.3	31.4	94.3	





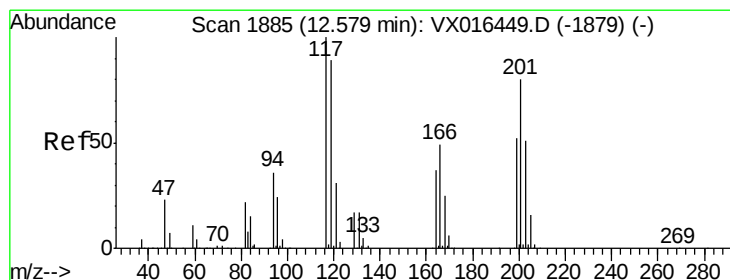
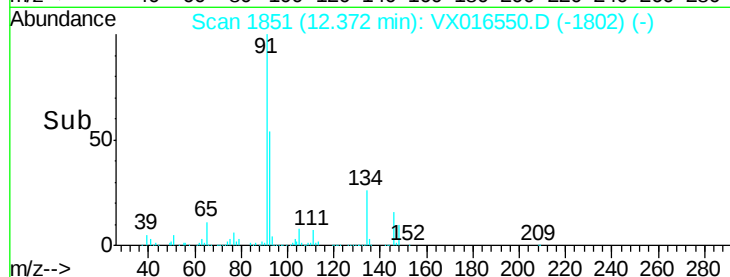
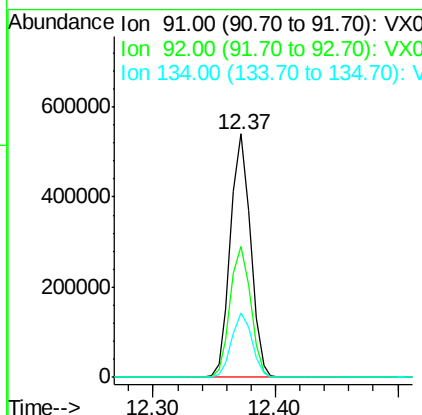
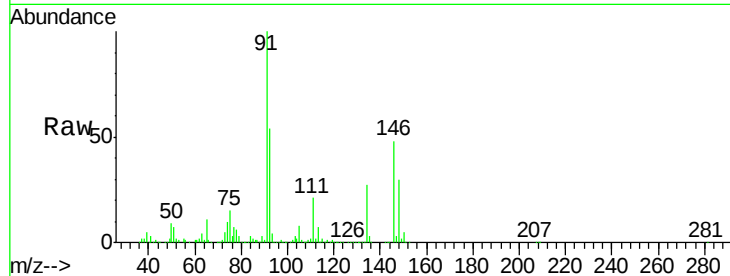
#89
n-Butylbenzene
Concen: 53.801 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	610699		
92	55.0		27.2	81.5
134	26.7		13.1	39.3

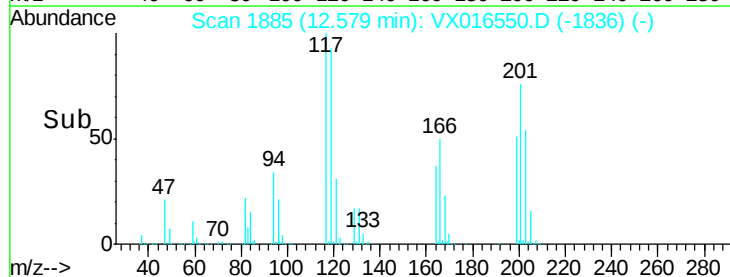
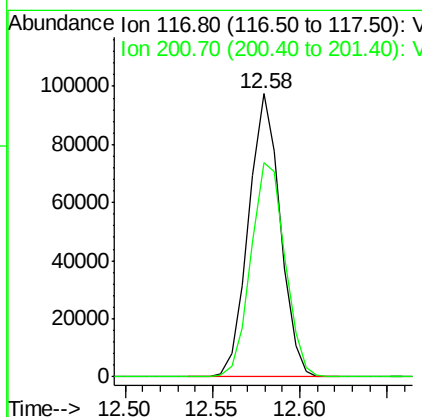
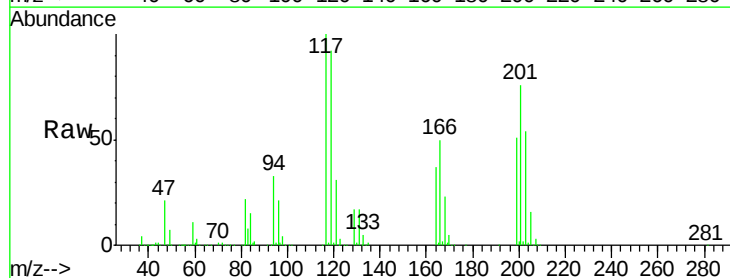
Manual Integrations
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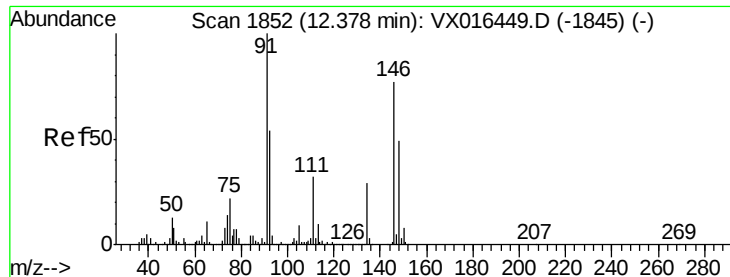
MMDadoda
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#90
Hexachloroethane
Concen: 52.057 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016550.D
Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122538		
201	81.4		43.1	129.3





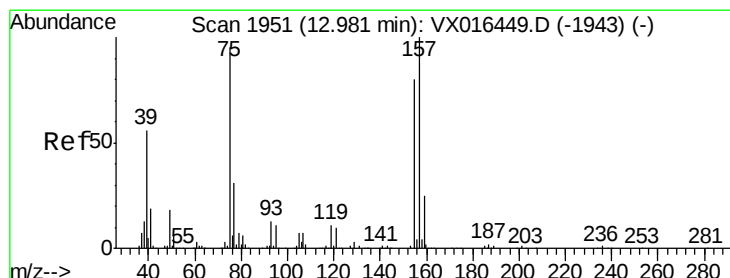
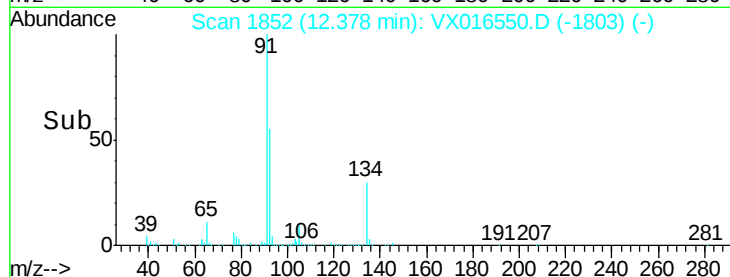
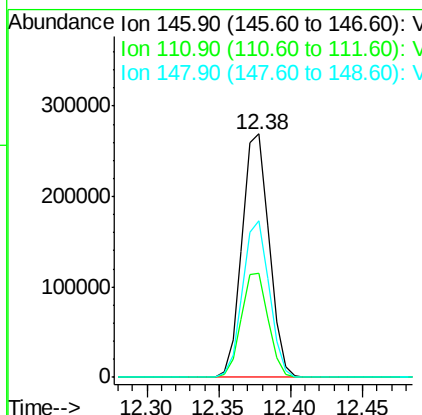
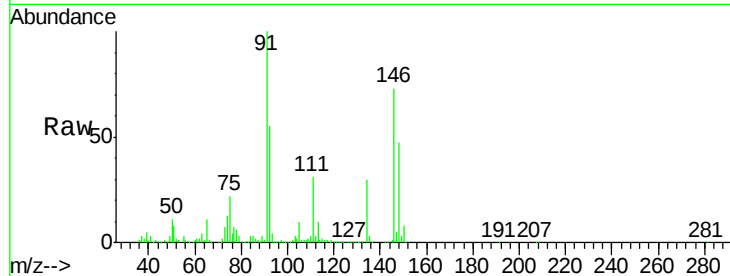
#91
 1,2-Dichlorobenzene
 Concen: 49.046 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	63.4	31.9	95.7

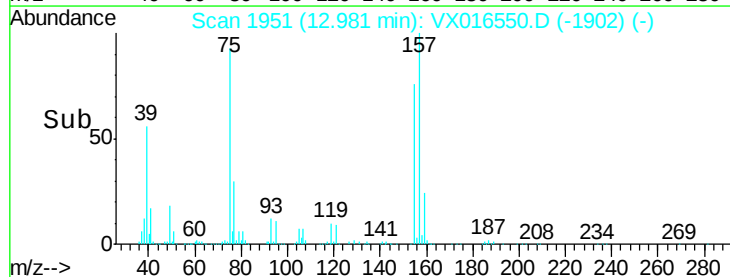
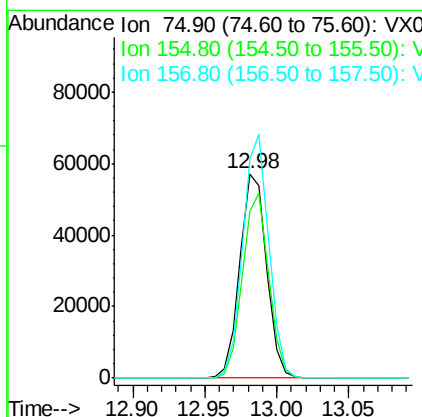
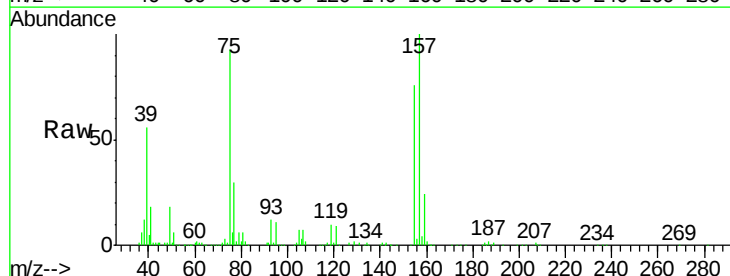
Manual Integrations
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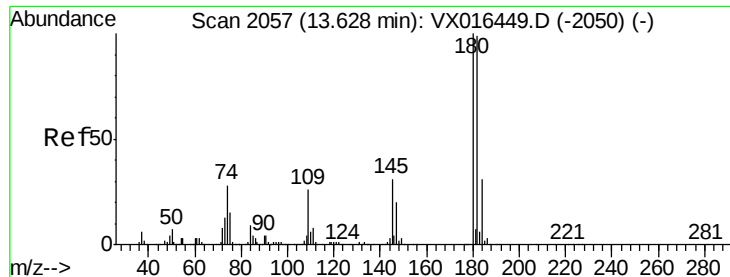
MMDadoda
 6/3/2020 9:51:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.686 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	44.1	132.4
157	115.7	57.8	173.3





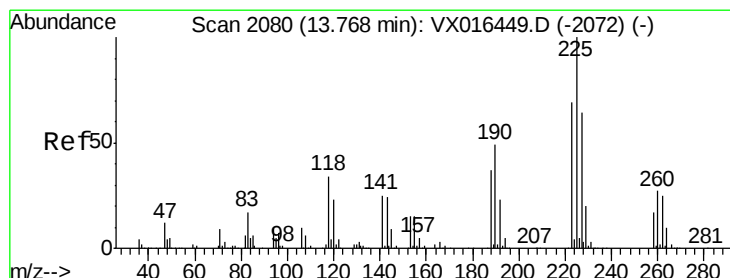
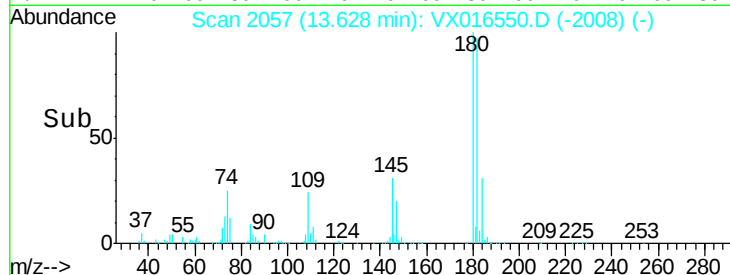
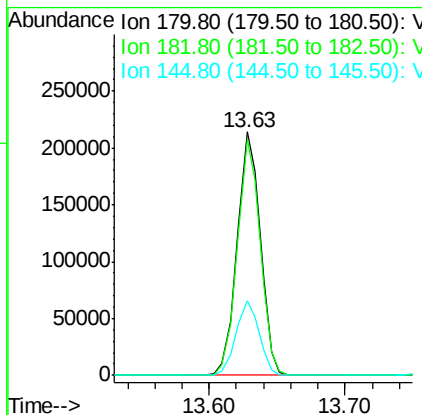
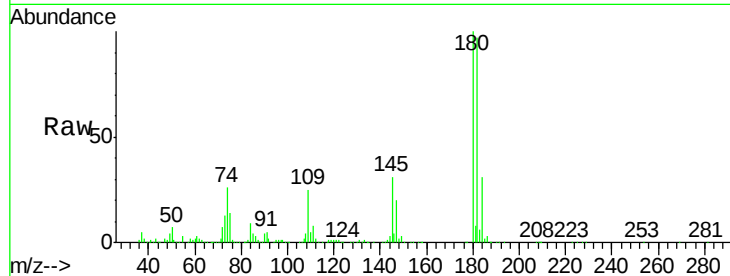
#93
 1,2,4-Trichlorobenzene
 Concen: 53.312 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	253369		
182	95.8	48.3	144.8	
145	30.7	15.4	46.2	

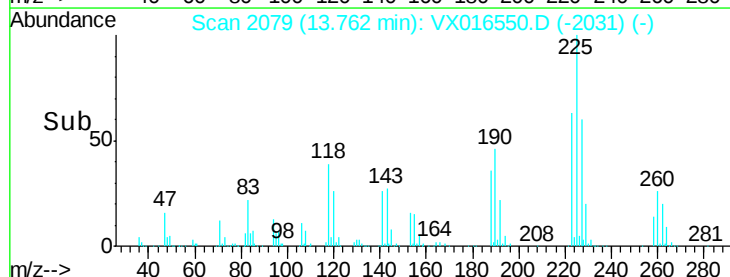
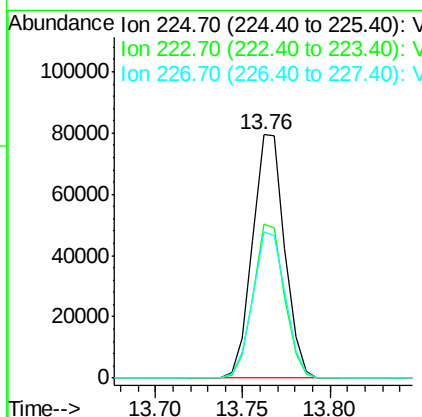
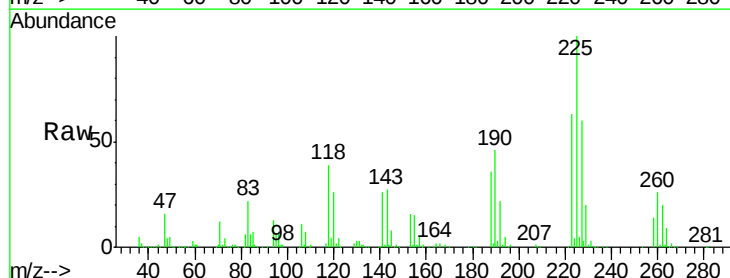
Manual Integrations
 APPROVED

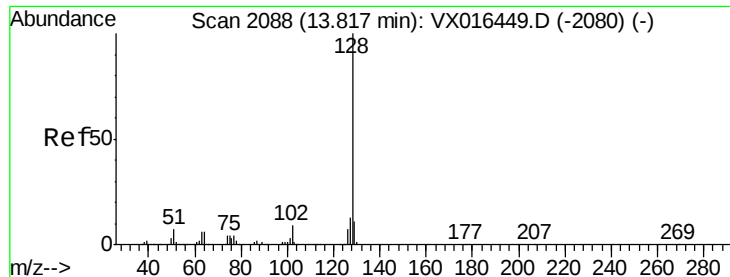
MMDadoda
 6/3/2020 9:51:46 AM



#94
 Hexachlorobutadiene
 Concen: 54.416 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016550.D
 Acq: 02 Jun 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101540		
223	61.4	32.3	96.8	
227	61.0	31.6	94.7	





#95

Naphthalene

Concen: 54.001 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Instrument :

MSVOA_X

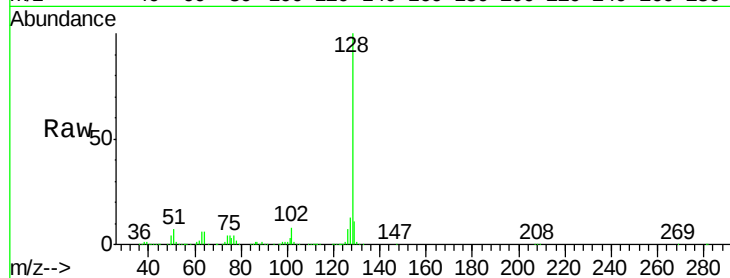
ClientSampleId :

SS050MW641-200528MSD

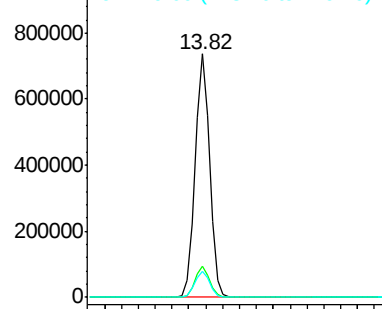
Tot Ion:	128	Resp:	879808
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

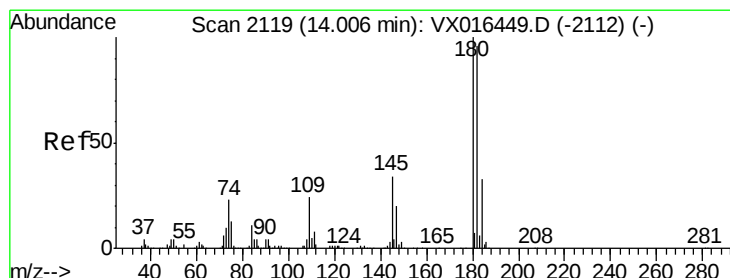
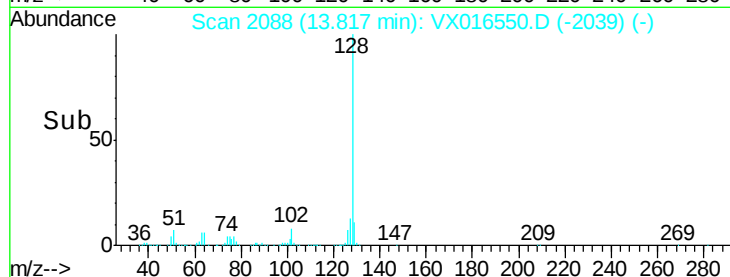
MMDadoda
6/3/2020 9:51:46 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time--> 13.70 13.80 13.90 14.00



#96

1,2,3-Trichlorobenzene

Concen: 52.481 ug/l

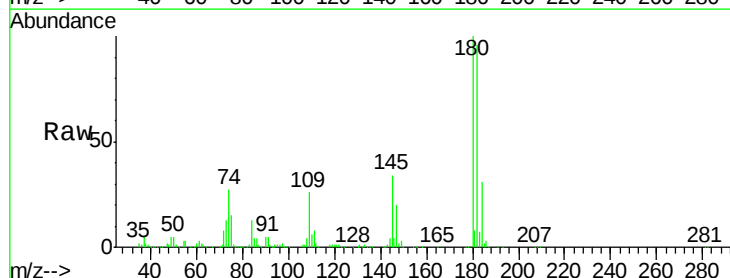
RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

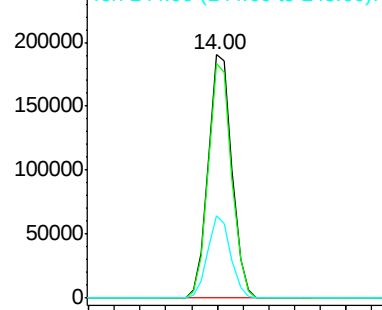
Lab File: VX016550.D

Acq: 02 Jun 2020 12:41

Tgt Ion:	180	Resp:	244359
Ion Ratio		Lower	Upper
180	100		
182	95.2	48.6	145.8
145	32.7	16.6	49.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 13.90 14.00 14.10

